Aquila

1815 Capitol Avenue
Omaha, NE 68102
402-221-2091

October 31, 2003

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

FILED

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Missouri Public
Service Commission

RE: Case No. GR-2003-0311

Dear Mr. Roberts:

Enclosed are an original and two copies of PSC MO. No. 5, 27th Revised Sheet No. 43, 30th Revised Sheet No. 44 and 20th Revised Sheet No. 44.1 reflecting a change in the Purchased Gas Adjustment, Actual Cost Adjustment, Refund Factor and Deferred Carrying Cost Balance of the Missouri Public Service Purchased Gas Adjustment Clause.

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

Purchased Gas Adjustment

Enclosures 1, 2 and 3 reflect the Purchased Gas Adjustment (PGA) calculations for the Southern System, Northern System and Eastern System. Each PGA has been developed using the October 2003 FERC index, fixed gas cost and storage for the months of November 2003 through March 2004. The tariff rate changes for the Southern System are based on the Southern Star Central Gas Pipeline, Inc. filings of their FERC Gas Tariffs, Original Sheet No. 10, Original Sheet No. 11 and Original Sheet No. 12. 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, Original Sheet No. 5, Original Sheet No. 7, Original Sheet No. 8, Original Sheet No. 11 and Original Sheet No. 19.

Actual Cost Adjustment

Enclosed as Enclosure 4 are minimum filing requirement schedules that are the basis of the Actual Cost Adjustment portion of this filing. Schedule 4 of Enclosure 4 is a summary showing revenue, purchased gas costs, and over or under recovery for the year ended August 2003 and the proposed changes in the ACA rates to be effective November 17, 2003. Detailed supporting workpapers are available for the Commission Staff audit.

The summary schedule shows that revenue recovery was less than purchased gas cost in the amount of $816,138.79 for the Southern System, less than purchased gas cost in the amount of $582,887.79 for the Northern System and less than purchased gas cost in the amount of $348,353.23, for the Eastern System, which includes the final deferred amount of $290,899.66 from Case No. GR-2000-520. Total revenue recovery was $1,841,917.08 less than purchased gas cost.

Southern System Refund Factor

Enclosed, as Enclosure 5 is a summary schedule detailing the activity for the refund factor under the Southern System. MPS received three refunds from Southern Star Central Gas Pipeline, Inc. On April 25, 2003 a refund in the amount of $1,156.30 relating to Federal Energy Regulatory Commission (FERC) Docket No. RP902-241 was received. On January 30, 2003 a refund for $457.75 relating to Docket No. RP93-017 was received. On February 27, 2003 a refund for $34,393.20 relating to Southern Star Central Gas Pipeline, Inc.'s refund related to cash-out activity. Interest has been calculated by MPS at the annual rate of six percent from the date the refunds were received by MPS until six months after the refund rate is scheduled to be in effect in accordance with our Purchased Gas Adjustment Clause. Missouri Public Service has determined a new refund factor for the Southern System.

Northern System Refund Factor

Enclosed, as Enclosure 6 is a summary schedule that details the activity for the refund factor under the Northern System. MPS received no new refunds during the 2002/2003 ACA year. The Northern System refund factor of .00084/ccf filed on PSC MO. 5, 28th Revised Sheet No. 44 was filed as an increase to the PGA in error. With this error, the Northern System refund account balance has increased since the effective date of November 5, 2002. Missouri Public Service has determined a new refund factor for the Northern System, which includes the increased balance.

Deferred Carrying Cost Balance

Enclosures 7, 8 and 9 reflect the Deferred Carrying Cost Balances for the Southern System, Northern System and Eastern System. Carrying costs are calculated on all

Deferred Carrying Cost Balances that exceed ten percent of an average annual gas cost threshold. This results in carrying costs collected from the customer in the amount of ($2,835.00) for the Southern System, ($1,777.00) for the Northern System, and ($222.00) for the Eastern System.

Enclosed as Enclosures 10, 11 and 12 are the Prior Period Adjustment Summaries for the Southern, Northern and Eastern Systems.

Enclosures 13, 14 and 15 reflect the seasonal revenue impact associated with the gas cost recovery portion of the rates. The seasonal revenue impact results in an increase in the amount of $4,051,570 or 28.46% for the Southern System, an increase in the amount of $2,039,341 or 37.30% for the Northern System and an increase in the amount of $662,422 or 26.76% for the Eastern System.

Missouri Public Service respectfully requests that these rates become effective with volumes taken on and after November 17, 2003.

Sincerely,

Amy Winkler

Amy Winkler
Regulatory Analyst

Enclosures
cc: Office of the Public Counsel (2)

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.	5	27th	~~(Original)~~ (Revised)	SHEET NO.	43
Cancelling P.S.C. MO. No.	5	26th	~~(Original)~~ (Revised)	SHEET NO.	43

Aquila Inc., d/b/a Aquila Networks – MPS
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 GNG	Rate Schedule LVF	Rate Schedule LVI
Regular PGA	$ .62669	$ .62669	$ .59409
Actual Cost Adjustment	$ .02135	$ .02135	$ (.00777)
Refunds	$ (.00158)	$ (.00158)	$ -0-
TOP Factor	$ -0-	$ -0-	$ -0-
TC Factor	$ -0-	$ -0-	$ -0-
Total PGA Per Ccf	$ .64646	$ .64646	$ .58632

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.

DATE OF ISSUE: October 31, 2003
DATE EFFECTIVE: November 17, 2003
ISSUED BY: Steven M. Jurek, Regulatory Services

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 GNG	Rate Schedule LVF	Rate Schedule LVI
Regular PGA	$ .65240	$ .65240	$ .53955
Actual Cost Adjustment	$ .03969	$ .03969	$ -0-
Refunds	$ (.00144)	$ (.00144)	$ -0-
TOP Factor	$ -0-	$ -0-	$ -0-
TC Factor	$ -0-	$ -0-	$ -0-
Total PGA Per Ccf	$ .69065	$ .69065	$ .53955

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.

PURCHASED GAS ADJUSTMENT CLAUSE
(CONTINUED)

Adjustment Statement (Eastern System)

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

	Rate Schedule GNG	Rate Schedule LVF	Rate Schedule LVI
Regular PGA	$ 1.02659	$ 1.02659	$ .86381
Actual Cost Adjustment	$ .09190	$ .09190	$ -0-
Refunds	$ -0-	$ -0-	$ -0-
TOP Factor	$ -0-	$ -0-	$ -0-
TC Factor	$ -0-	$ -0-	$ -0-
Total PGA Per Ccf	$ 1.11849	$ 1.11849	$ .86381

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

AQUILA INC. d/b/a AQUILA NETWORKS - MPS
Southern System Annualized Gas Cost Calculation
To Reflect Current Southern Star & Spot Market Rates

FIRM	Annual Volume	Monthly Capacity Reserved	No. of Mth Reserved	Tariff Rate	Annual Cost
Southern Star Natural Gas					
TSS					
No-Notice Fee		39,618	12	$0.0154	$7,321
Reservation - FSS Deliverability		25,412	12	$0.5001	$152,502
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	$0.0500	$23,771
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	$0.0500	$6,295
GSR Costs					$77,692
Spot Market Purchases	3,896,019			$5.1936	$20,234,364
Total Annual Cost					$23,959,177
Sales Volume at Burnertip	3,823,123				
Cost per MCF at Burnertip					**$6.2669**

	Nov 00 - Mar 01	Nov 01 - Mar 02	Nov 02 - Mar 03	**Average WACOG**
Highest WACOG (Winter Period)	$8.8701	$3.2725	$5.7558	**$5.9661**
Highest Avg WACOG-Winter Period (Avg of winter seasons with the highest of 3 averages)				**$7.4181**
October 2003 Gas Commodity Costs				**$4.4629**

INTERRUPTIBLE	Annual Volume	Tariff Rate	Annual Cost
Williams Natural Gas			
ITS-P		@150%	
Commodity	126,771	$0.3045	$38,602
ITS-M		@150%	
Commodity	125,491	$0.1565	$19,633
Spot Market Price Per MCF	129,650	$5.1936	$673,348
Total Annual Cost			$731,583
Sales Volume at Burnertip	123,143		
Cost per MCF at Burnertip			**$5.9409**

MPS Line Loss	1.871%
Annual Burnertip Sales	3,946,266
WNG Rates	
Firm Rates	
TSS	
No-Notice Fee	$0.0154
Reservation - FSS Deliverability	$0.5001
Reservation - FSS Capacity	$0.0285
Reservation - FTS-P	$5.6118
Reservation - FTS-M	$2.8014
GRI	$0.0500
FTS	
Production - Reservation	$5.6118
Production - Balancing	$0.1604
Market - Reservation	$2.8014
Market - Balancing	$0.1604
Market - GRI	$0.0500
Production	
Commodity - FTS-P	$0.0124
GRI Funding Unit - Commodity - Others	$0.0040
FERC Annual Charge Adjustment	$0.0021
Production Field Zone	$0.0185
Commodity - FTS-M	$0.0061
GRI Funding Unit - Commodity - Others	$0.0040
FERC Annual Charge Adjustment	$0.0021
Market Zone	$0.0122
Injection/Withdrawal - FSS	$0.0122
Interruptible Rates	
ITS-P	
Commodity-Winter	$0.1969
ITS-M	
Commodity-Winter	$0.0982
GRI Funding Unit - Commodity - Others	$0.0040
FERC Annual Charge Adjustment	$0.0021
WNG Production Area Loss	2.22%
WNG Market Area Loss	1.01%
WNG Storage Loss	5.91%

Note: From FERC Gas Tariff: Original Sheet No. 10 Effective 11/01/03, Original Sheet No. 11 Effective 11/01/03, and Original Sheet No. 12 Effective 11/01/03.

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total System
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	2,824,064	1,111,705	3,935,769	126,771	4,062,540
Annual Throughput at Wellhead	2,888,181	1,136,945	4,025,126	129,650	4,154,776

Aquila Inc. d/b/a Aquila Networks - MPS

Southern System
Current Gas Cost Calculation

	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Totals
SUMMARY OF COMMODITY COSTS						
Sales Requirements	459,528	698,039	755,890	607,686	466,121	2,987,264
WNG Market Area Loss	1.01%	1.01%	1.01%	1.01%	1.01%	
WNG Production Area Loss	2.22%	2.22%	2.22%	2.22%	2.22%	
Total Supply - Fuel Loss	474,756	721,171	780,939	627,824	481,568	3,086,258
Storage Injection	0	0	0	0	0	0
Storage Injection Loss	5.91%	5.91%	5.91%	5.91%	5.91%	
Total Storage - Fuel Loss	0	0	0	0	0	
(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	474,756	721,171	780,939	627,824	481,568	3,086,258
Contracted Fixed Price Supply	75,000	77,500	77,500	72,500	77,500	380,000
Contracted Price	$ 5.2244	$ 5.2244	$ 5.2244	$ 5.2244	$ 5.2244	
Total Cost	$ 391,830	$ 404,891	$ 404,891	$ 378,769	$ 404,891	1,985,272
(Contracted Fixed Price Supply only applies in the winter months.)						
Contracted Call Options	120,000	124,000	124,000	116,000	124,000	608,000
Contracted Price	$ 5.0019	$ 5.1788	$ 5.4406	$ 5.4563	$ 5.3969	
Total Cost	$ 600,225	$ 642,165	$ 674,638	$ 632,925	$ 669,213	3,219,166
Contracted Other Options	60,000	62,000	62,000	58,000	62,000	304,000
Contracted Price	$ 4.9825	$ 5.0925	$ 5.2225	$ 5.2350	$ 5.1875	
Total Cost	$ 298,950	$ 315,735	$ 323,795	$ 303,630	$ 321,625	1,563,735
Contracted Seasonal Price Supply	0	93,000	93,000	87,000	0	273,000
Contracted Price	$ 4.4900	$ 4.7100	$ 4.9700	$ 4.9950	$ 4.9000	
Total Cost	$ -	$ 438,030	$ 462,210	$ 434,565	$ -	1,334,805
Total Supply	135,896	155,022	214,790	84,675	134,208	724,591
Forecasted Price (NYMEX-WNG Basis)*	$ 4.310	$ 4.530	$ 4.790	$ 4.815	$ 4.720	
Total Cost	$ 585,712	$ 702,250	$ 1,028,844	$ 407,710	$ 633,462	$ 3,357,978
Storage Withdrawal	83,860	209,649	209,649	209,649	83,860	796,667
Storage WACOG	$ 5.6160	$ 5.6160	$ 5.6160	$ 5.6160	$ 5.6160	
Total Cost	$ 470,960	$ 1,177,395	$ 1,177,395	$ 1,177,395	$ 470,960	$ 4,474,105
Forecasted Gas Commodity Cost	2,347,677	3,680,466	4,071,773	3,334,994	2,500,151	15,935,061
Forecasted Sales Gas Quantity	474,756	721,171	780,939	627,824	481,568	3,086,258
Gas Cost (Commodity) Dth						$5.1632
SUMMARY OF UPSTREAM COSTS						
Southern Star Natural Gas Pipeline - Firm						
FT Commodity (Production Area)	474,756	721,171	780,939	627,824	481,568	
FT Commodity (Market Area)	464,217	705,161	763,602	613,886	470,877	
Total Units	938,973	1,426,332	1,544,541	1,241,710	952,445	6,104,001
Cost/Dth - Production Area	$0.0185	$0.0185	$0.0185	$0.0185	$0.0185	
Cost/Dth - Market Area	$0.0122	$0.0122	$0.0122	$0.0122	$0.0122	
Total WNG Commodity Costs	$14,446	$21,945	$23,763	$19,104	$14,654	$93,912
Forecasted Northern Upstream Costs	14,446	21,945	23,763	19,104	14,654	93,912
Forecasted Firm Sales Quantity	474,756	721,171	780,939	627,824	481,568	3,086,258
Upstream Cost/Dth						$0.0304
						$ 5.1936

Aquila Inc. d/b/a Aquila Networks - MPS

Southern System

Gas Commodity Cost Calculation

INSIDE FERC OCTOBER 2003	$	4.29
WNG Market Area Loss		1.01%
WNG Production Area Loss		2.22%
WNG Index Adjusted for Fuel	$	4.4322
WNG Cost/Dth Field Zone		$0.0185
WNG Cost/Dth - Market Zone		$0.0122
		$4.4629
Total Gas Commodity Costs		$4.4629

AQUILA INC. d/b/a AQUILA NETWORKS - MPS
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 17005					
EFT Reservation Rates					
Field Zone Reservation		18,000	5	$4.1683	$375,147
Market Zone Access		18,000	5	$2.9081	$261,731
Market Zone Mileage		18,000	5	$1.5862	$142,762
Field Zone Reservation		10,000	7	$4.1683	$291,781
Market Zone Access		10,000	7	$2.9081	$203,568
Market Zone Mileage		10,000	7	$1.5862	$111,037
					$0
					$0
Contract 17004					
FS Storage	800,000			$0.4028	$322,240
					$234,500
					$204,015
Spot Market Purchases	1,521,875			$4.8858	$7,435,577
Total Annual Cost					$9,582,358
Sales Volume at Burnertip	1,468,777				
Cost per MCF at Burnertip					**$6.5240**

Highest WACOG (Winter Period)	Nov 00 - Mar 01	Nov 01 - Mar 02	Nov 02 - Mar 03	**Average WACOG**
	$6.2412	$4.5540	$5.6834	**$5.4929**
Highest Avg WACOG-Winter Period (Avg of winter seasons with the highest 3 averages)				**$5.8670**
October 2003 Gas Commodity Costs				**$4.5326**

INTERRUPTIBLE			
Panhandle Eastern Pipe Line			
IT Interruptible Rates		@150%	
Field Zone		$0.2625	$0.2625
Market Zone Access		$0.1386	$0.1386
Market Zone Mileage		$0.0999	$0.0999
GRI Funding Unit		$0.0060	$0.0060
ACA Unit Charge		$0.0032	$0.0032
TOP Volumetric Surcharge		$0.0000	$0.0000
Settlement Surcharges		($0.0005)	($0.0005)
Canadian Resolution Surcharges		$0.0000	$0.0000
Stranded Transportation Cost Surcharge		$0.0000	$0.0000
Miscellaneous Stranded Costs Surcharge		$0.0000	($0.0000)
Spot Market Price Per MCF	$4.8858		$4.8858
Total Annual Cost			$5.3955
Sales Volume at Burnertip			
Cost per MCF at Burnertip			**$5.3955**

MPS Line Loss	3.489%	
Annual Burnertip Sales	1,468,777	
		Contract
PEPL Rates	Tariff	17005
PEPL EFT Reservation Rates	Rate	Discount Rate
Field Zone Reservation	$4.7300	$4.1683
Market Zone Access	$3.3000	$2.9081
Market Zone Mileage 201-300 Block	$1.8000	$1.5862
GRI Funding Unit	$0.0500	
Settlement Surcharges	($0.0100)	
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 201-300 Block	$0.0075	
GRI Funding Unit	$0.0040	
ACA Unit Charge	$0.0021	
TOP Volumetric Surcharge	$0.0000	
Settlement Surcharges	($0.0003)	
Total Market Zone Commodity	$0.0139	
PEPL IT Interruptible Rates		
Field Zone	$0.1750	
Market Zone Access	$0.0924	
Market Zone Mileage 201-300 Block	$0.0666	
GRI Funding Unit	$0.0040	
ACA Unit Charge	$0.0021	
TOP Volumetric Surcharge	$0.0000	
Settlement Surcharges	($0.0003)	
Canadian Resolution Surcharges	$0.0000	
Stranded Transportation Cost Surcharge	$0.0000	
Miscellaneous Stranded Costs Surcharge	$0.0000	
PEPL Storage Rates		
Deliverability Charge Field Area	$3.3500	
Capacity Charge Field Area	$0.4028	

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	0.70%
PEPL Field Zone Loss	1.38%
PEPL Market Zone Loss	1.50%
PEPL Storage Injection Loss (Field Area)	1.56%
PEPL Storage Withdrawal Loss (Field Area)	0.53%

Note: From FERC Gas Tariff: PEPL Original Sheet No. 5 Effective 06/23/03 , Origianl Sheet No. 7 Effective 06/23/03, Original Sheet No. 11 Effective 06/23/03, Original Sheet No. 19 Effective 06/23/03 and Original Sheet No. 8 Effective 11/01/2003

Calculated Inputs	Firm	Storage	Total Firm	Interruptible	Total
Annual Throughput at Burnertip Per GR-93-172	892,730	576,047	1,468,777	0	1,468,777
Annual Throughput at Citygate	925,003	596,872	1,521,875	0	1,521,875
Annual Throughput at Havenpool	939,089	609,190	1,548,279	0	1,548,279
Annual Throughput at Wellhead	952,230	627,504	1,579,734	0	1,579,734

Aquila Inc. d/b/a Aquila Networks - MPS

Northern System

Current Gas Cost Calculation

	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Totals
SUMMARY OF COMMODITY COSTS						
Requirements	156,361	232,743	251,191	203,277	158,791	1,002,363
PEPL Market Zone Fuel Loss	1.50%	1.50%	1.50%	1.50%	1.50%	
PEPL Field Zone Fuel Loss	1.38%	1.38%	1.38%	1.38%	1.38%	
Gathering Fuel Loss	0.70%	0.70%	0.70%	0.70%	0.70%	
Total Supply - Fuel Loss	162,098	241,283	260,408	210,736	164,617	
Storage Injection	0	0	0	0	0	0
Storage Injection Loss	1.56%	1.56%	1.56%	1.56%	1.56%	
Total Storage - Fuel Loss	0	0	0	0	0	

(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.)

	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Totals
Purchase Requirements	162,098	241,283	260,408	210,736	164,617	1,039,142
Total Supply	47,098	0	13,908	0	49,117	110,123
Forecasted Price (NYMEX-PEPL Basis)	$ 4.2900	$ 4.5100	$ 4.7700	$ 4.7950	$ 4.7000	
Total Cost	$ 202,050	$ -	$ 66,341	$ -	$ 230,850	499,241
Contracted Seasonal Price Supply	15,000	46,500	46,500	43,500	15,500	167,000
Contracted Price	$ 4.4800	$ 4.7033	$ 4.9633	$ 4.9883	$ 4.8900	
Total Cost	$ 67,200	$ 218,705	$ 230,795	$ 216,993	$ 75,795	809,488
Storage Withdrawal (17007)	100,000	194,783	200,000	167,236	100,000	762,019
Storage WACOG (17007)	$ 4.9002	$ 4.9002	$ 4.9002	$ 4.9002	$ 4.9002	
Total Cost	$ 490,020	$ 954,476	$ 980,040	$ 819,490	$ 490,020	$ 3,734,046
Forecasted Gas Commodity Cost	759,270	1,173,181	1,277,176	1,036,483	796,665	5,042,775
Forecasted Sales Gas Quantity	162,098	241,283	260,408	210,736	164,617	1,039,142
Gas Cost (Commodity) Dth						$4.8528
SUMMARY OF UPSTREAM COSTS						
Panhandle Eastern Pipeline - Firm						
FT Commodity (Field Zone)	160,963	239,594	258,585	209,260	163,465	
FT Commodity (Market Zone)	158,742	236,287	255,016	206,373	161,209	
Total Units	319,705	475,881	513,601	415,633	324,674	2,049,494
Cost/Dth - Field Zone	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	
Cost/Dth - Market Zone	$0.0139	$0.0139	$0.0139	$0.0139	$0.0139	
Total Panhandle Commodity Costs	$5,345	$7,956	$8,587	$6,949	$5,428	34,266
Forecasted Northern Upstream Costs	5,345	7,956	8,587	6,949	5,428	34,266
Forecasted Firm Sales Quantity	162,098	241,283	260,408	210,736	164,617	1,039,142
Upstream Cost/Dth						$0.0330

Wellhead Cost of Gas $\boxed{\$ \quad 4.8858}$

Aquila Inc. d/b/a Aquila Networks - MPS
Northern System
Gas Commodity Cost Calculation

Enclosure 2

INSIDE FERC OCTOBER 03		$4.34
PEPL Market Zone Fuel Loss		1.50%
PEPL Field Zone Fuel Loss		1.38%
Gathering Fuel Loss		0.70%
PEPL Index Adjusted for Fuel	$	4.4992
PEPL Cost/Dth Field Zone		$0.0195
PEPL Cost/Dth - Market Zone		$0.0139
		$4.5326
Total Gas Commodity Costs		$4.5326

AQUILA INC. d/b/a AQUILA NETWORKS - MPS

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
Panhandle Eastern Pipe Line					
Winter (Nov-Mar)					
FT Reservation (Field Zone)		5,450	5	$4.7300	$128,893
FT Reservation (Market Zone)		5,450	5	$5.7500	$156,688
					$285,580
Winter Sales Volume at Burnertip	273,300				
Winter Cost per MCF at Burnertip					**$1.0449**
Summer (Apr-Oct) Volumetric Rate					
100% LF of Max Rate (Fld-4 Blks)	105,766				$0.3445
Summer Cost per MCF at Burnertip					**$0.3445**
Missouri Pipeline Company					
Rolla					
FT Reservation		2,939	12	$4.3181	$152,291
Salem					
FT Reservation		2,500	12	$1.5000	$45,000
Owensville					
FT Reservation		1,900	12	$4.3181	$98,453
Missouri Gas Company					
Rolla					
FT Reservation		2,939	12	$8.0000	$282,144
Salem					
FT Reservation		2,500	12	$13.1700	$395,100
Owensville					
FT Reservation		1,900	12	$13.1766	$300,426
Total Eastern System MoPipe & MoGas Costs					$1,273,414
Spot Market Purchases	380,336			$5.8420	$2,221,925
Total Eastern System Costs					$3,495,339
Sales Volume at Burnertip	379,066				
Cost per MCF at Burnertip					**$9.2209**
Winter PGA					
Total Cost per Mcf at Burnertip					**$10.2659**

Highest WACOG (Winter Period)	Nov 00 - Mar 01	Nov 01 - Mar 02	Nov 02 - Mar 03	Average WACOG
	$7.0924	$3.2869	$4.0408	**$4.8067**
Highest Avg WACOG-Winter Period (Avg of winter seasons with the highest of 3 averages)				**$2.4034**
October 2003 Gas Commodity Costs				**$5.1820**

INTERRUPTIBLE			
Panhandle Eastern Pipe Line			
IT (Field Zone)	$0.1750	@ 150%	$0.2625
IT (Market Zone)	$0.1870	@ 150%	$0.2805
Missouri Pipeline Company			
Commodity	$0.3898		$0.3898
Missouri Gas Company			
Commodity	$1.8633		$1.8633
Spot Market Price Per MCF	$5.8420		$5.8420
Cost per MCF at Burnertip			**$8.6381**

MPS Line Loss	0.334%
MoGas/MoPipe Fuel	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	$0.0500
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	$0.0040
ACA Unit Charge	$0.0021
TOP Volumetric Surcharge	$0.0000
Settlement Surcharges	($0.0003)
Canadian Resolution Surcharges	$0.0000
Stranded Transportation Cost Surcharge	$0.0000
Miscellaneous Stranded Costs Surcharge	$0.0000

PEPL EFT Commodity Rates	
Market Zone Access	$0.0006
Market Zone Mileage 301-400	$0.0100
GRI Funding Unit	$0.0040
ACA Unit Charge	$0.0021
TOP	$0.0000
Settlement Charges	($0.0003)
EFT Commodity Rates	$0.0164
Field Zone Commodity	$0.0195
Total EFT Commodity Rates	$0.0359

PEPL Gathering Loss	0.70%
PEPL Field Zone Loss	1.38%
PEPL Market Zone Loss	1.50%

Note: From FERC Gas Tariff: PEPL Original Sheet No. 5 Effective 06/23/03 , Origianl Sheet No. 7 Effective 06/23/03, Original Sheet No. 11 Effective 06/23/03, Original Sheet No. 19 Effective 06/23/03 and Original Sheet No. 8 Effective 11/01/2003

Annual Throughput at Burnertip	379,066
Annual Throughput at Citygate	380,336
MOGAS & MPC	381,979
Annual Throughput at Wellhead	393,222

Seasonal Sales Volume @ Burnertip	
Jan	73,216
Feb	65,424
Mar	53,242
Apr	37,244
May	20,814
Jun	10,209
Jul	7,438
Aug	7,242
Sep	8,048
Oct	14,772
Nov	29,297
Dec	52,121
TOTAL	379,066

Aquila Inc. d/b/a Aquila Networks - MPS

Eastern System
Current Gas Cost Calculation

	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Totals
SUMMARY OF COMMODITY COSTS						
Requirements	51,260	78,290	84,853	68,098	51,979	334,480
MoGas/MoPipe Fuel Loss	0.43%	0.43%	0.43%	0.43%	0.43%	
PEPL Market Zone Fuel Loss	1.50%	1.50%	1.50%	1.50%	1.50%	
PEPL Field Zone Fuel Loss	1.38%	1.38%	1.38%	1.38%	1.38%	
Gathering Fuel Loss	0.70%	0.70%	0.70%	0.70%	0.70%	
Total Supply - Fuel Loss	53,370	81,513	88,346	70,901	54,119	348,249
Purchase Requirements	53,370	81,513	88,346	70,901	54,119	
Total Supply	2,370	11,763	18,596	5,651	1,419	39,799
Forecasted Price (NYMEX-PEPL Basis)*	$ 4.2900	$ 4.5100	$ 4.7700	$ 4.7950	$ 4.7000	
Total Cost	$ 10,167	$ 53,051	$ 88,703	$ 27,097	$ 6,669	$ 185,687
Contracted Fixed Price Supply	27,000	27,900	27,900	26,100	27,900	$ 136,800
Contracted Price	$ 5.3817	$ 5.3817	$ 5.3817	$ 5.3817	$ 5.3817	
Total Cost	$ 145,306	$ 150,149	$ 150,149	$ 140,462	$ 150,149	$ 736,215
Contracted Call Option	13,500	13,950	13,950	13,050	13,950	$ 68,400
Contracted Price	$ 5.2200	$ 5.4400	$ 5.5133	$ 5.5217	$ 5.4900	
Total Cost	$ 70,470	$ 75,888	$ 76,911	$ 72,058	$ 76,586	$ 371,913
Contracted Other Option	10,500	10,850	10,850	10,150	10,850	$ 53,200
Contracted Price	$ 4.9879	$ 5.0979	$ 5.2279	$ 5.2404	$ 5.1929	
Total Cost	$ 52,373	$ 55,312	$ 56,722	$ 53,190	$ 56,343	$ 273,940
Contracted Seasonal Price Supply	0	17,050	17,050	15,950	0	$ 50,050
Contracted Price	$ 4.4850	$ 4.7050	$ 4.9650	$ 4.9900	$ 4.8950	
Total Cost	$ -	$ 80,220	$ 84,653	$ 79,591	$ -	$ 244,464
Forecasted Gas Commodity Cost	$ 278,316	$ 414,620	$ 457,138	$ 372,398	$ 289,747	$ 1,812,219
Forecasted Sales Gas Quantity	53,370	81,513	88,346	70,901	54,119	348,249
Gas Cost (Commodity) Dth						$5.2038
SUMMARY OF UPSTREAM COSTS						
Panhandle Eastern Pipeline - Firm						
FT Commodity (Field Zone)	52,997	80,942	87,728	70,405	53,740	
FT Commodity (Market Zone)	52,265	79,825	86,517	69,434	52,998	
Total Units	105,262	160,767	174,245	139,839	106,738	
Cost/Dth Field Zone	$0.0195	$0.0195	$0.0195	$0.0195	$0.0195	
Cost/Dth - Market Zone	$0.0164	$0.0164	$0.0164	$0.0164	$0.0164	
Total Panhandle Commodity Costs	$1,891	$2,887	$3,130	$2,512	$1,917	$12,336
Missouri Pipeline Company - Firm						
Rolla						
FT Commodity	38,590	58,939	63,881	51,266	39,131	
Salem						
FT Commodity	7,501	11,456	12,416	9,965	7,606	
Owensville						
FT Commodity	5,395	8,240	8,931	7,167	5,470	
Total Units	51,486	78,635	85,228	68,398	52,207	335,954
Cost/Dth - Rolla	$0.1699	$0.1699	$0.1699	$0.1699	$0.1699	
Cost/Dth - Salem	$0.0500	$0.0500	$0.0500	$0.0500	$0.0500	
Cost/Dth - Owensville	$0.1699	$0.1699	$0.1699	$0.1699	$0.1699	
Total MoPipe Commodity Costs	$7,848	$11,987	$12,992	$10,426	$7,958	$51,211
Missouri Gas Company - Firm						
Rolla						
FT Commodity	38,424	58,686	63,606	51,046	38,963	
Salem						
FT Commodity	7,469	11,407	12,363	9,922	7,573	
Owensville						
FT Commodity	5,371	8,204	8,892	7,136	5,446	
Total Units	51,264	78,297	84,861	68,104	51,982	334,510
Cost/Dth - Rolla	$0.4000	$0.4000	$0.4000	$0.4000	$0.4000	
Cost/Dth - Salem	$0.5200	$0.5200	$0.5200	$0.5200	$0.5200	
Cost/Dth - Owensville	$0.9433	$0.9433	$0.9433	$0.9433	$0.9433	
Total MoGas Commodity Costs	$24,320	$37,145	$40,259	$32,310	$24,661	$158,695
Total MoPipe & MoGas Costs	$32,168	$49,132	$53,251	$42,736	$32,619	$209,906
Forecasted Eastern Upstream Costs	$34,059	$52,019	$56,381	$45,248	$34,536	$222,242
Forecasted Firm Sales Quantity	53,370	81,513	88,346	70,901	54,119	348,249
Upstream Cost/Dth						$0.6382
						$5.8420

Aquila Inc. d/b/a Aquila Networks - MPS
Eastern System
Gas Commodity Cost Calculation

INSIDE FERC OCTOBER 03	$ 4.34		
MoGas/MoPipe Fuel Loss	0.43%		
PEPL Market Zone Fuel Loss	1.50%		
PEPL Field Zone Fuel Loss	1.38%		
Gathering Fuel Loss	0.70%		
PEPL Index Adjusted for Fuel	$ 4.5187		
PEPL Cost/Dth Field Zone	$0.0195		
PEPL Cost/Dth - Market Zone	$0.0164		
Total PEPL Commodity Cost	$4.5546		
PEPL Cost	$4.5546		
MoPipe Cost/Dth - Rolla	$0.1699		
MoGas Cost/Dth - Rolla	$0.4000		
Rolla	$5.1245		
PEPL Cost	$4.5546		
MoPipe Cost/Dth - Salem	$0.0500		
MoGas Cost/Dth - Salem	$0.5200		
Total Salem	$5.1246		
PEPL Cost	$4.5546		
MoPipe Cost/Dth - Owensville	$0.1699		
MoGas Cost/Dth - Owensville	$0.9433		
Total Owensville	$5.6678		
		Percent Split	
Rolla	$5.1245	74.96%	$ 3.8413
Salem	$5.1246	14.57%	$ 0.7467
Owensville	$5.6678	10.48%	$ 0.5940
			$ 5.1820
Total Gas Commodity Costs			$ 5.1820

MISSOURI PUBLIC SERVICE
SCHEDULE 1 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE SOUTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	September 2002	October 2002	65,010	2.6298	170,965.76	0.00	170,965.76	170,965.76	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	September 2002	October 2002	1,652	0.0000	11,064.98	0.00	11,064.98	11,064.98	0.00	0	0.00	
WNG SYSTEM SUPPLY TRANS.	1-TNS-0902-07921	September 2002	October 2002		0.0000	0.00	29,402.76	29,402.76	29,402.76	0.00	0	0.00	
WNG STORAGE TRANS.	1-STO-0902-07921	September 2002	October 2002		0.0000	0.00	0.00	0.00	0.00	0.00	0	89,121.49	
WNG CAPACITY RELEASE	1-TNS-0902-07921	September 2002	October 2002		0.0000	0.00	(4,631.13)	(4,631.13)	(4,631.13)	0.00			295,923.86
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	October 2002	November 2002	115,646	4.0948	473,545.43	0.00	473,545.43	473,545.43	0.00	0	0.00	
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	October 2002	November 2002	119,300	2.8945	345,318.05	0.00	345,318.05	345,318.05	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	October 2002	November 2002	(3)	(14,122.1967)	42,366.59	0.00	42,366.59	42,366.59	0.00	0	0.00	
WNG SYSTEM SUPPLY TRANS.	1-TNS-1002-07921	October 2002	November 2002		0.0000	0.00	235,016.67	235,016.67	235,016.67	0.00	0	0.00	
WNG STORAGE TRANS.	1-STO-1002-07921	October 2002	November 2002		0.0000	0.00	0.00	0.00	0.00	0.00	0	89,657.01	
WNG CAPACITY RELEASE	1-TNS-1002-07921	October 2002	November 2002		0.0000	0.00	(915.22)	(915.22)	(915.22)	0.00			1,184,988.73
TERM POOL GAS SYSTEM SUPPLY-FIXED	VARIOUS	November 2002	December 2002	195,000	3.6605	713,788.10	0.00	713,788.10	713,788.10	0.00			
TERM POOL GAS SYSTEM SUPPLY-INDEX	VARIOUS	November 2002	December 2002	150,000	4.0745	611,175.00	1.00	611,176.00	611,175.00	1.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	November 2002	December 2002	66,239	4.0217	266,394.68	0.00	266,394.68	266,394.68	0.00			
WNG ASSOC CO STORAGE	VARIOUS	November 2002	December 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	13,122	42,492.61	
IMBALANCE GAS	VARIOUS	November 2002	December 2002	7	0.0000	42,393.27	0.00	42,393.27	42,393.27	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-1102-07921	November 2002	December 2002		0.0000	0.00	300,741.55	300,741.55	300,741.55	0.00			
WNG STORAGE TRANS.	1-STO-1102-07921	November 2002	December 2002		0.0000	0.00	0.00	0.00	0.00	0.00		90,502.34	
WNG CAPACITY RELEASE	1-TNS-1102-07921	November 2002	December 2002		0.0000	0.00	(4,144.41)	(4,144.41)	(4,144.41)	0.00			2,063,344.14
TERM POOL GAS SYSTEM SUPPLY-FIXED	VARIOUS	December 2002	January 2003	201,500	3.6627	738,038.08	0.00	738,038.08	738,038.08	0.00			
TERM POOL GAS SYSTEM SUPPLY-INDEX	VARIOUS	December 2002	January 2003	155,000	3.9945	619,147.50	0.00	619,147.50	619,147.50	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	December 2002	January 2003	95,924	3.8986	373,971.68	0.00	373,971.68	373,971.68	0.00			
WNG ASSOC CO STORAGE	VARIOUS	December 2002	January 2003	0	#DIV/0!	0.00	0.00	0.00	0.00	0.00	129,377	422,290.42	
IMBALANCE - POOL GAS	VARIOUS	December 2002	January 2003	(2)	(4,647.6000)	9,295.20	0.00	9,295.20	9,295.20	0.00			
IMBALANCE GAS	VARIOUS	December 2002	January 2003	0	#DIV/0!	0.00	0.00	0.00	0.00	0.00			
LINE LOSS	EE GENERAL LEDGER	December 2002	January 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-1202-07921	December 2002	January 2003	0	0.0000	0.00	301,404.48	301,404.48	301,404.48	0.00			
WNG ASSOC CO STORAGE	1-TNS-1202-07921	December 2002	January 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	
WNG STORAGE TRANS.	1-STO-1202-07921	December 2002	January 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		92,094.88	
WNG CAPACITY RELEASE	1-TNS-1202-07921	December 2002	January 2003	0	0.0000	0.00	(6,404.14)	(6,404.14)	(6,404.14)	0.00			2,549,838.10
TERM FIXED POOL GAS SYSTEM SUPPLY	VARIOUS	January 2003	February 2003	201,500	3.6397	733,404.87	0.00	733,404.87	733,404.87	0.00			
TERM INDEX POOL GAS SYSTEM SUPPLY	VARIOUS	January 2003	February 2003	155,000	4.6345	718,347.50	0.00	718,347.50	718,347.50	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	January 2003	February 2003	122,057	4.4002	537,076.00	0.00	537,076.00	537,076.00	0.00			
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	January 2003	February 2003	33,601	5.9703	200,606.48	0.00	200,606.48	200,606.48	0.00			
IMBALANCE GAS	VARIOUS	January 2003	February 2003	(5)	0.0000	17,897.96	0.00	17,897.96	17,897.96	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0103-07921	January 2003	February 2003	0	0.0000	0.00	287,186.34	287,186.34	287,186.34	0.00			
WNG ASSOC CO STORAGE	1-STO-0103-07921	January 2003	February 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	286,179	945,851.83	
WNG STORAGE TRANS.	1-STO-0103-07921	January 2003	February 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		93,427.40	
WNG CAPACITY RELEASE	1-TNS-0103-07921	January 2003	February 2003	0	0.0000	0.00	(18,264.43)	(18,264.43)	(18,264.43)	0.00			3,515,533.95
TERM FIXED POOL GAS SYSTEM SUPPLY	VARIOUS	February 2003	March 2003	181,722	3.6633	665,698.82	0.00	665,698.82	665,698.82	0.00			
TERM INDEX POOL GAS SYSTEM SUPPLY	VARIOUS	February 2003	March 2003	139,049	5.1345	713,941.86	0.00	713,941.86	713,941.86	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	February 2003	March 2003	27,129	4.6248	125,466.53	0.00	125,466.53	125,466.53	0.00			
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	February 2003	March 2003	22,334	9.0750	202,681.05	0.00	202,681.05	202,681.05	0.00			
IMBALANCE	VARIOUS	February 2003	March 2003	1	66,185.2600	66,185	0.00	66,185.26	66,185.26	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0202-07921	February 2003	March 2003	0	0.0000	0	286,031.56	286,031.56	286,031.56	0.00			
WNG ASSOC CO STORAGE	1-STO-0202-07921	February 2003	March 2003	0	0.0000	0	0.00	0.00	0.00	0.00	277,609	931,867.78	
WNG STORAGE TRANS.	1-STO-0202-07921	February 2003	March 2003	0	0.0000	0	0.00	0.00	0.00	0.00		92,094.88	
WNG CAPACITY RELEASE	1-TNS-0202-07921	February 2003	March 2003	0	0.0000	0	(6,404.14)	(6,404.14)	(6,404.14)	0.00			3,077,563.60

MISSOURI PUBLIC SERVICE
SCHEDULE 1 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE SOUTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
TERM POOL GAS SYSTEM SUPPLY FIXED	VARIOUS	March 2003	April 2003	201,500	3.6627	738,038.08	0.00	738,038.08	738,038.08	0.00			
TERM POOL GAS SYSTEM SUPPLY INDEX	VARIOUS	March 2003	April 2003	155,000	8.6195	1,336,022.50	0.00	1,336,022.50	1,336,022.50	0.00			
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	March 2003	April 2003	41,378	8.0094	331,411.92	0.00	331,411.92	331,411.92	0.00			
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	March 2003	April 2003	34,859	7.2207	251,705.53	0.00	251,705.53	251,705.53	0.00			
IMBALANCE GAS	VARIOUS	March 2003	April 2003	10	0.0000	(41,960.05)	0.00	(41,960.05)	(41,960.05)	0.00			
LINE LOSS	EE GENERAL LEDGER	March 2003	April 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0303-07921	March 2003	April 2003	0	0.0000	0.00	286,801.65	286,801.65	286,801.65	0.00			
WNG ASSOC CO STORAGE	1-TNS-0303-07921	March 2003	April 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	
WNG STORAGE TRANS.	1-STO-0303-07921	March 2003	April 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		90,632.70	
WNG CAPACITY RELEASE	1-TNS-0303-07921	March 2003	April 2003	0	0.0000	0.00	(22,377.67)	(22,377.67)	(22,377.67)	0.00			2,970,274.66
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	April 2003	May 2003	103,586	4.6326	479,867.47	0.00	479,867.47	479,867.47	0.00			
TERM POOL GAS SYSTEM SUPPLY INDEX	VARIOUS	April 2003	May 2003	106,058	4.1759	442,884.45		442,884.45	442,884.45	0.00			
IMBALANCE GAS	VARIOUS	April 2003	May 2003	0	0.0000	2,242.46	0.00	2,242.46	2,242.46	0.00			
LINE LOSS	EE GENERAL LEDGER	April 2003	May 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0402-07921	April 2003	May 2003	0	0.0000	0.00	218,222.66	218,222.66	218,222.66	0.00			
WNG STORAGE TRANS.	1-STO-0402-07921	April 2003	May 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		89,891.45	
WNG CAPACITY RELEASE	1-TNS-0402-07921	April 2003	May 2003	0	0.0000	0.00	(3,372.71)	(3,372.71)	(3,372.71)	0.00			1,229,735.78
TERM POOL GAS SYSTEM SUPPLY INDEX	VARIOUS	MAY 2003	JUNE 2003	98,965	4.5230	447,620.84		447,620.84	447,620.84	0.00			
IMBALANCE GAS	VARIOUS	MAY 2003	JUNE 2003	8	0.0000	11,884.33		11,884.33	11,884.33	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0503-07921	MAY 2003	JUNE 2003	0	0.0000	0.00	218,458.48	218,458.48	218,458.48	0.00			
WNG STORAGE TRANS.	1-STO-0503-07921	MAY 2003	JUNE 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		88,468.03	
WNG CAPACITY RELEASE	1-TNS-0503-07921	MAY 2003	JUNE 2003	0	0.0000		(4,797.28)	(4,797.28)	(4,797.28)	0.00			761,634.40
TERM POOL GAS SYSTEM SUPPLY INDEX	VARIOUS	JUNE 2003	JULY 2003	80,325	5.3121	426,691.66		426,691.66	426,691.66	0.00			
IMBALANCE GAS	VARIOUS	JUNE 2003	JULY 2003	276	0.0000	11,094.42		11,094.42	11,094.42	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0603-07921	JUNE 2003	JULY 2003		0.0000		217,782.75	217,782.75	217,782.75	0.00			
WNG STORAGE TRANS.	1-STO-0603-07921	JUNE 2003	JULY 2003		0.0000		0.00	0.00	0.00	0.00		88,569.49	
WNG CAPACITY RELEASE	1-TNS-0603-07921	JUNE 2003	JULY 2003		0.0000		(3,364.25)	(3,364.25)	(3,364.25)	0.00			740,774.07
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	JULY 2003	AUGUST 2003	34,014	5.1650	175,682.31		175,682.31	175,682.31	0.00			
TERM POOL GAS SYSTEM SUPPLY FIXED	VARIOUS	JULY 2003	AUGUST 2003	29,620	4.9888	147,769.47		147,769.47	147,769.47	0.00			
IMBALANCE GAS	VARIOUS	JULY 2003	AUGUST 2003	(7)	0.0000	(28,851.85)		(28,851.85)	(28,851.85)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-TNS-0702-07921	JULY 2003	AUGUST 2003		0.0000		218,965.38	218,965.38	218,965.38	0.00			
WNG STORAGE TRANS.	1-STO-0702-07921	JULY 2003	AUGUST 2003		0.0000		0.00		0.00	0.00		87,809.01	
WNG CAPACITY RELEASE	1-TNS-0702-07921	JULY 2003	AUGUST 2003		0.0000		(5,452.08)	(5,452.08)	(5,452.08)	0.00			595,922.24
BASELOAD POOL GAS SYSTEM SUPPLY	VARIOUS	AUGUST 2003	SEPTEMBER 2003	6,793	4.5650	31,010.05		31,010.05	31,010.05	0.00			
TERM POOL GAS SYSTEM SUPPLY INDEX	VARIOUS	AUGUST 2003	SEPTEMBER 2003	45,646	4.3701	199,476.25		199,476.25	199,476.25	0.00			
SWING POOL GAS SYSTEM SUPPLY	VARIOUS	AUGUST 2003	SEPTEMBER 2003	10,000	5.1650	51,650.00		51,650.00	51,650.00	0.00			
CASHOUT		AUGUST 2003	SEPTEMBER 2003	(216)	0.0000	(1,448.40)		(1,448.40)	(1,448.40)	0.00			
IMBALANCE GAS	VARIOUS	AUGUST 2003	SEPTEMBER 2003	68	0.0000	(72,869.70)		(72,869.70)	(72,869.70)	0.00			
WNG SYSTEM SUPPLY TRANS.	1-STO-0802-07921	AUGUST 2003	SEPTEMBER 2003		0.0000		216,225.36	216,225.36	216,225.36	0.00			
WNG STORAGE TRANS.	1-TNS-0802-07921	AUGUST 2003	SEPTEMBER 2003		0.0000		(26,188.95)	(26,188.95)	(26,188.95)	0.00		88,972.30	
WNG CAPACITY RELEASE	1-TNS-0802-07921	AUGUST 2003	SEPTEMBER 2003		0.0000		(19,249.32)	(19,249.32)	(19,249.32)	0.00			467,577.59
				2,995,544		13,338,692.39	2,690,675.11	16,029,367.50	16,029,366.50		706,287	3,423,743.62	19,453,111.12

MISSOURI PUBLIC SERVICE
SCHEDULE 2 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE NORTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
CMS Marketing	10210s0016	SEPTEMBER 2002	OCTOBER 2002	23,075	2.9250	67,494.38	0.00	67,494.38	67,494.38	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	SEPTEMBER 2002	OCTOBER 2002	(4,400)	2.8711	(12,633.03)	0.00	(12,633.03)	(12,633.03)	0.00	0	0.00	
LINE LOSS	SEE GENERAL LEDGER	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	
Misc. Correction	SEE GENERAL LEDGER	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	(27.29)	(27.29)	(27.29)	0.00	0		
1998/1999 PUT/CALL SETTLEMENT	Per PGA Request	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00		0.00	0.00	0.00	0	0.00	
1998/1999 IMBALANCE SETTLEMENT	Per PGA Request	SEPTEMBER 2002	OCTOBER 2002	0	0.0000		0.00	0.00	0.00	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	020900202	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	98,813.82	98,813.82	98,813.82	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 08/02 PENALTY	020900202	AUGUST 2002	OCTOBER 2002	0	0.0000	0.00	(705.78)	(705.78)	(705.78)	0.00	0	0.00	
PEPL STORAGE TRANS.	020900202	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	55,998.47	
PEPL CAPACITY RELEASE	020900202	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00			208,940.57
									0.00				
BP ENERGY	1039258	OCTOBER 2002	NOVEMBER 2002	65,334	3.3000	215,602.20	0.00	215,602.20	215,602.20	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	OCTOBER 2002	NOVEMBER 2002	907	17.4040	15,785.45	0.00	15,785.45	15,785.45	0.00	0	0.00	
LINE LOSS	SEE GENERAL LEDGER	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	(7.07)	(7.07)	(7.07)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	021000024	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	100,181.10	100,181.10	100,181.10	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 09/02 PENALTY	021000024	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	(40.19)	(40.19)	(40.19)	0.00	0	0.00	
PEPL ASSOC CO STORAGE-FS	021000026	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	17,800	59,853.75	
PEPL STORAGE TRANS.	021000026	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	55,998.47	
PEPL CAPACITY RELEASE	021000024	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00			447,373.71
EPRIME	200212-1-00018	NOVEMBER 2002	DECEMBER 2002	107,217	4.0350	432,620.60	0.00	432,620.60	432,620.60	0.00	0	0.00	
WESCO	5402117039	NOVEMBER 2002	DECEMBER 2002	5,250	4.0400	21,210.00	0.00	21,210.00	21,210.00	0.00	0	0.00	
BP ENERGY	1041058	NOVEMBER 2002	DECEMBER 2002	5,445	3.9225	21,358.01	0.00	21,358.01	21,358.01	0.00	0		
IMBALANCE GAS	VARIOUS	NOVEMBER 2002	DECEMBER 2002	436	0.0000	429.58	0.00	429.58	429.58	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	021100025	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	130,834.06	130,834.06	130,834.06	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 06/02 PPA	021100025	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(26.10)	(26.10)	(26.10)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 10/02 PENALTY	021100025	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(216.91)	(216.91)	(216.91)	0.00	0	0.00	
PEPL ASSOC CO STORAGE-FS	021100027	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	36,639	123,787.05	
PEPL STORAGE TRANS.	021100027	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	73,753.47	
PEPL CAPACITY RELEASE	021100025	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(2,680.23)	(2,680.23)	(2,680.23)	0.00	0	0.00	801,069.53
UBS WARBURG	188SA	DECEMBER 2002	JANUARY 2003	54,250	3.9550	214,558.75	0.00	214,558.75	214,558.75	0.00	0	0.00	
WESCO	200201-1-00082	DECEMBER 2002	JANUARY 2003	54,250	3.9700	215,372.50	0.00	215,372.50	215,372.50	0.00	0	0.00	
	TPCS12001120303	DECEMBER 2002	JANUARY 2003	0	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0	0.00	
	145538	DECEMBER 2002	JANUARY 2003	0	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	DECEMBER 2002	JANUARY 2003	1,503	0.0000	6,082.59	0.00	6,082.59	6,082.59	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	011200204	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	133,251.77	133,251.77	133,251.77	0.00	0	0.00	
PEPL STORAGE-FS	011200204	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	83,500	276,521.55	
PEPL SYSTEM SUPPLY TRANS. 11/02 PENALTY	011200204	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	(161.77)	(161.77)	(161.77)	0.00	0	73,753.47	
PEPL CAPACITY RELEASE	011200204	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	(1,974.70)	(1,974.70)	(1,974.70)	0.00			917,404.16
WESCO	32481	JANUARY 2003	FEBRUARY 2003	45,250	4.5800	207,245.00	0.00	207,245.00	207,245.00	0.00			
IMBALANCE GAS	VARIOUS	JANUARY 2003	FEBRUARY 2003	224	4.7352	1,060.69	0.00	1,060.69	1,060.69	0.00			
PEPL SYSTEM SUPPLY TRANS.	030100202	JANUARY 2003	FEBRUARY 2003	0	0.0000	0.00	131,000.06	131,000.06	131,000.06	0.00			
PEPL ASSOC CO STORAGE-FS	030100202	JANUARY 2003	FEBRUARY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	223,045	756,059.92	
PEPL STORAGE TRANS.	030100202	JANUARY 2003	FEBRUARY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	73,753.47	
PEPL SYSTEM SUPPLY TRANS. 12/02 PPA	030100202	JANUARY 2003	FEBRUARY 2003	0	0.0000	0.00	(355.94)	(355.94)	(355.94)				
PEPL CAPACITY RELEASE	030100202	JANUARY 2003	FEBRUARY 2003	0	0.0000	0.00	(2,278.50)	(2,278.50)	(2,278.50)	0.00			1,166,484.70
WESCO	5402117694	FEBRUARY 2003	MARCH 2003	32,200	5.0700	163,254.00	0.00	163,254.00	163,254.00	0.00			
IMBALANCE GAS	VARIOUS	FEBRUARY 2003	MARCH 2003	(281)	4.58	(1,286.98)	0.00	(1,286.98)	(1,286.98)	0.00			
PEPL SYSTEM SUPPLY TRANS.	030200027	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	119,848.16	119,848.16	119,848.16	0.00			
PEPL SYSTEM SUPPLY TRANS. 01/03 PENALTY	030200027	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	(832.96)	(832.96)	(832.96)	0.00			
PEPL SYSTEM SUPPLY TRANS. 02/02 - 11/02PEN	030200027	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	3.99	3.99	3.99				
PEPL ASSOC CO STORAGE-FS	030200029	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	192,677	655,201.59	
PEPL STORAGE TRANS.	030200029	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	
PEPL CAPACITY RELEASE	030200027	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	(1,822.87)	(1,822.87)	(1,822.87)	0.00			1,008,118.40

MISSOURI PUBLIC SERVICE
SCHEDULE 2 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE NORTHERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
WESCO	33258	MARCH 2003	APRIL 2003	2,750	8.5400	23,485.00	0.00	23,485.00	23,485.00	0.00			
TENASKA	200303-0989	MARCH 2003	APRIL 2003	59,740	8.5500	510,777.00	0.00	510,777.00	510,777.00	0.00			
BP ENERGY	1048625	MARCH 2003	APRIL 2003	12,705	3.8725	49,200.11	0.00	49,200.11	49,200.11	0.00			
IMBALANCE GAS	VARIOUS	MARCH 2003	APRIL 2003	(104)	8.5500	(889.20)	0.00	(889.20)	(889.20)	0.00			
PEPL SYSTEM SUPPLY TRANS.	030300027	MARCH 2003	APRIL 2003	0	0.0000	0.00	131,862.47	131,862.47	131,862.47	0.00			
PEPL SYSTEM SUPPLY TRANS. 0203 PPA	030300027	MARCH 2003	APRIL 2003	0	0.0000	0.00	1.56	1.56	1.56	0.00			
PEPL SYSTEM SUPPLY TRANS. 0203 PENALTY	030300027	MARCH 2003	APRIL 2003	0	0.0000	0.00	(232.01)	(232.01)	(232.01)	0.00			
PEPL ASSOC CO STORAGE-FS	030300029	MARCH 2003	APRIL 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	81,723	278,766.67	
PEPL STORAGE TRANS.	030300029	MARCH 2003	APRIL 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		73,753.47	
PEPL CAPACITY RELEASE	030300027	MARCH 2003	APRIL 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			1,066,725.07
WESCO	5402118091	APRIL 2003	MAY 2003	73,261	4.6050	337,366.91	0.00	337,366.91	337,366.91	0.00			
IMBALANCE GAS	VARIOUS	APRIL 2003	MAY 2003	(8)	0.0000	369.52	0.00	369.52	369.52	0.00			
LINE LOSS	SEE GENERAL LEDGER	APRIL 2003	MAY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			
PEPL SYSTEM SUPPLY TRANS.	020400225	APRIL 2003	MAY 2003	0	0.0000	0.00	90,424.39	90,424.39	90,424.39	0.00			
PEPL SYSTEM SUPPLY TRANS. 0303 PENALTY	020400225	MARCH 2003	MAY 2003	0	0.0000	0.00	(729.70)	(729.70)	(729.70)	0.00			
PEPL ASSOC CO STORAGE-FS	030400029	APRIL 2003	MAY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	434	1,554.67	
PEPL STORAGE TRANS.	020400227	APRIL 2003	MAY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00		55,998.47	
PEPL CAPACITY RELEASE	030300027	APRIL 2003	MAY 2003	0	0.0000	0.00	(4,560.00)	(4,560.00)	(4,560.00)	0.00			
													480,424.46
BP Energy	1052316	MAY 2003	JUNE 2003	36,109	4.7700	172,239.93		172,239.93	172,239.93	0.00			
IMBALANCE GAS	VARIOUS	MAY 2003	JUNE 2003	(521)	4.8465	(2,525.05)		(2,525.05)	(2,525.05)	0.00			
LINE LOSS	SEE GENERAL LEDGER	MAY 2003	JUNE 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00			
PEPL SYSTEM SUPPLY TRANS.	0305000016	MAY 2003	JUNE 2003		0.0000		89,637.78	89,637.78	89,637.78	0.00			
PEPL SYSTEM SUPPLY TRANS. 0403 PENALTY	0305000016	APRIL 2003	JUNE 2003		0.0000		(687.80)	(687.80)	(687.80)	0.00		55,998.47	
PEPL CAPACITY RELEASE	0305000016	MAY 2003	JUNE 2003		0.0000		(4,068.00)	(4,068.00)	(4,068.00)	0.00			
													310,595.33
BP Energy	1054152	JUNE 2003	JULY 2003	24,608	5.570	137,066.56		137,066.56	137,066.56	0.00			
IMBALANCE GAS	VARIOUS	JUNE 2003	JULY 2003	633	4.810	3,044.73		3,044.73	3,044.73	0.00			
PEPL SYSTEM SUPPLY TRANS.	030600019	JUNE 2003	JULY 2003		0.000		88,552.46	88,552.46	88,552.46	0.00			
PEPL STORAGE TRANS.	030600021	JUNE 2003	JULY 2003		0.0000			0.00	0.00	0.00		55,998.47	
PEPL CAPACITY RELEASE	0306000019	JUNE 2003	JULY 2003		0.0000	(5,928.40)		(5,928.40)	(5,928.40)	0.00			
													278,733.82
AEM on behalf of BP ENERGY	1056310	JULY 2003	AUGUST 2003	27,951	5.1650	144,366.92		144,366.92	144,366.92				
IMBALANCE GAS	VARIOUS	JULY 2003	AUGUST 2003	(963)	0.00	(4,988.34)		(4,988.34)	(4,988.34)	0.00			
PEPL STORAGE TRANS.	020700028	JULY 2003	AUGUST 2003		0.0000			0.00	0.00	0.00	0	55,998.47	
PEPL SYSTEM SUPPLY TRANS.	020700026	JULY 2003	AUGUST 2003		0.0000		89,389.37	89,389.37	89,389.37	0.00			
PEPL SYSTEM SUPPLY TRANS. 0603 PPA	020700026	JUNE 2003	AUGUST 2003		0.0000		(73.40)	(73.40)	(73.40)	0.00			
PEPL CAPACITY RELEASE	000700208	JUNE 2003	AUGUST 2003		0.0000		0.00	0.00	0.00	0.00			284,693.02
TENASKA		AUGUST 2003	SEPTEMBER 2003	20,732	4.5375	94,071.45		94,071.45	94,071.45	0.00			
IMBALANCE GAS	VARIOUS	AUGUST 2003	SEPTEMBER 2003	810	0.0000	4,292.19		4,292.19	4,292.19	0.00			
PEPL SYSTEM SUPPLY TRANS.		AUGUST 2003	SEPTEMBER 2003		0.0000		89,218.99	89,218.99	89,218.99	0.00			
PEPL SYSTEM SUPPLY TRANS. 0703 PENALTY		AUGUST 2003	SEPTEMBER 2003		0.0000		(85.42)	(85.42)	(85.42)	0.00			
PEPL STORAGE TRANS.		AUGUST 2003	SEPTEMBER 2003		0.0000			0.00	0.00	0.00	0	55,998.47	
PEPL CAPACITY RELEASE		AUGUST 2003	SEPTEMBER 2003		0.0000		(11,708.73)	(11,708.73)	(11,708.73)	0.00			221,214.25
PEPL CAPACITY RELEASE PPA 07/03		JULY 2003	SEPTEMBER 2003		0.0000		(10,572.70)	(10,572.70)	(10,572.70)	0.00			
				648,363.00		3,030,103.07	1,249,171.91	4,279,274.98	4,279,274.98	0.00	636,018	2,912,502.04	7,191,777.02

MISSOURI PUBLIC SERVICE
SCHEDULE 3 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE EASTERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
IMBALANCE GAS	VARIOUS	SEPTEMBER 2002	OCTOBER 2002	(292)	0.0000	(856.17)	0.00	(856.17)	(856.17)	0.00	0	0.00	
CMS MARKETING	I0210s0016	SEPTEMBER 2002	OCTOBER 2002	6,844	2.9250	20,018.70	0.00	20,018.70	20,018.70	0.00	0	0.00	
1998/1999 IMBALANCE SETTLEMENT	Per PGA Request	SEPTEMBER 2002	OCTOBER 2002	0	0.0000		0.00	0.00	0.00	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	020900026	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	2,490.59	2,490.59	2,490.59	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 08/02 PENALTY	020900026	AUGUST 2002	OCTOBER 2002	0	0.0000	0.00	(118.37)	(118.37)	(118.37)	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGUT09,2002	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	56,447.34	56,447.34	56,447.34	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NUTI09,2002	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	16,660.57	16,660.57	16,660.57	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGowens09,2002	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	25,308.15	25,308.15	25,308.15	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NOwens09,2002	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	8,253.49	8,253.49	8,253.49	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 07/02-09/02		JULY 02 - SEPT 02	OCTOBER 2002	0	0.0000	0.00	4,268.61	4,268.61	4,268.61	0.00	0	0.00	
PEPL CAPACITY RELEASE	020900026	SEPTEMBER 2002	OCTOBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	132,472.91
BP ENERGY	1039258	OCTOBER 2002	NOVEMBER 2002	21,400	3.3000	70,620.00	0.00	70,620.00	70,620.00	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	OCTOBER 2002	NOVEMBER 2002	1,582	0.0000	10,051.01	0.00	10,051.01	10,051.01	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	021000025	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	7,786.88	7,786.88	7,786.88	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 09/02 PENALTY	021000025	SEPTEMBER 2002	NOVEMBER 2002	0	0.0000	0.00	(8.23)	(8.23)	(8.23)	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGUT10,2002	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	61,678.58	61,678.58	61,678.58	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NUTI10,2002	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	18,736.48	18,736.48	18,736.48	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGowens10,2002	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	26,809.89	26,809.89	26,809.89	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NOwens10,2002	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	8,523.97	8,523.97	8,523.97	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 07/02-09/02		JULY 02 - SEPT 02	NOVEMBER 2002	0	0.0000	0.00	1,422.87	1,422.87	1,422.87	0.00	0	0.00	
PEPL CAPACITY RELEASE	021000025	OCTOBER 2002	NOVEMBER 2002	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	205,621.45
BP ENERGY	1041056	NOVEMBER 2002	DECEMBER 2002	29,205	3.8632	112,824.11	0.00	112,824.11	112,824.11	0.00	0	0.00	
WESCO	5402117039	NOVEMBER 2002	DECEMBER 2003	22,050	3.6180	79,776.00	0.00	79,776.00	79,776.00	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	NOVEMBER 2002	DECEMBER 2002	(5,735)	0.0000	(22,281.74)	0.00	(22,281.74)	(22,281.74)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	021100026	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	57,603.28	57,603.28	57,603.28	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 10/02 PENALTY	021100026	OCTOBER 2002	DECEMBER 2002	0	0.0000	0.00	(53.09)	(53.09)	(53.09)	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGUT11,2002	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	77,372.84	77,372.84	77,372.84	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NUTI11,2002	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	23,906.29	23,906.29	23,906.29	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGowens11,2002	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	29,480.37	29,480.37	29,480.37	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NOwens11,2002	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	9,004.96	9,004.96	9,004.96	0.00	0	0.00	
MOGAS/MOPIPE RESERVATION DISPUTE 11/02		NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	1,515.12	1,515.12	1,515.12	0.00	0	0.00	
MOGAS CAPACITY RELEASE		NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(2,679.58)	(2,679.58)	(2,679.58)	0.00	0	0.00	
MOPIPE CAPACITY RELEASE		NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(1,452.58)	(1,452.58)	(1,452.58)	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(4,075.20)	(4,075.20)	(4,075.20)	0.00	0	0.00	
MOPIPE SFR TRANSPORT ADJ.		NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(1,738.42)	(1,738.42)	(1,738.42)	0.00	0	0.00	
PEPL CAPACITY RELEASE	021100026	NOVEMBER 2002	DECEMBER 2002	0	0.0000	0.00	(141.00)	(141.00)	(141.00)	0.00	0	0.00	359,061.36
BP ENERGY	1042983	DECEMBER 2002	JANUARY 2003	35,805	3.8725	138,654.85	0.00	138,654.85	138,654.85	0.00	0	0.00	
WESCO	5402117287	DECEMBER 2002	JANUARY 2003	34,010	3.7277	126,780.70	0.00	126,780.70	126,780.70	0.00	0	0.00	
UBS WARBURG	188SA	DECEMBER 2002	JANUARY 2003	9,200	3.9550	36,386.00	0.00	36,386.00	36,386.00	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	DECEMBER 2002	JANUARY 2003	(3,181)	0.0000	(12,276.25)	0.00	(12,276.25)	(12,276.25)	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		DECEMBER 2002	JANUARY 2003	(13,630)	0.0000	(63,168.93)	0.00	(63,168.93)	(63,168.93)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	021200025	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	59,450.96	59,450.96	59,450.96	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 11/02 PENALTY	021200025	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	(65.54)	(65.54)	(65.54)	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGUT12,2002	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	26,681.77	26,681.77	26,681.77	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NUTI12,2002	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	84,967.92	84,967.92	84,967.92	0.00	0	0.00	
MOGAS SYSTEM SUPPLY TRANS.	NGowens12,2002	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	30,623.65	30,623.65	30,623.65	0.00	0	0.00	
MOPIPE SYSTEM SUPPLY TRANS.	NOwens12,2002	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	9,210.88	9,210.88	9,210.88	0.00	0	0.00	
PEPL CAPACITY RELEASE	011200204	DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	(424.97)	(424.97)	(424.97)	0.00	0	0.00	
MOGASMOPIPE CAPACITY RELEASE		DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	$ (9,938.96)	(9,938.96)	(9,938.96)	0.00	0	0.00	
LINE LOSS		DECEMBER 2002	JANUARY 2003	0	0.0000	0.00	(36.58)	(36.58)	(36.58)	0.00	0	0.00	426,645.50
BP ENERGY	1044736	JANUARY 2003	FEBRUARY 2003	35,805	3.8725	138,654.86	0.00	138,654.86	138,654.86	0.00	0	0.00	
WESCO	32481	JANUARY 2003	FEBRUARY 2003	48,060	4.1484	199,372.70	0.00	199,372.70	199,372.70	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	JANUARY 2003	FEBRUARY 2003	2,763	2.9054	8,027.69	0.00	8,027.69	8,027.69	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	030100024	JANUARY 2003	FEBRUARY 2003	0	0.0000	0.00	59,986.32	59,986.32	59,986.32	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 12/02 PENALTY	030100024	JANUARY 2003	FEBRUARY 2003	0	0.0000	0	(115.68)	(115.68)	(115.68)	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		JANUARY 2003	FEBRUARY 2003	0	0.0000	0	165,747.36	165,747.36	165,747.36	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		JANUARY 2003	FEBRUARY 2003	0	0.0000	0	(4,937.85)	(4,937.85)	(4,937.85)	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 07/02-09/02		JANUARY 2003	FEBRUARY 2003	0	0.0000	0	6,134.41	6,134.41	6,134.41	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		JANUARY 2003	FEBRUARY 2003	0	0.0000	0	(4,869.60)	(4,869.60)	(4,869.60)	0.00	0	0.00	
MOPIPE SFR TRANSPORT ADJ.		JANUARY 2003	FEBRUARY 2003	0	0.0000	0	(2,077.20)	(2,077.20)	(2,077.20)	0.00	0	0.00	
PEPL CAPACITY RELEASE	030100024	JANUARY 2003	FEBRUARY 2003	0	0.0000	0	(202.16)	(202.16)	(202.16)	0.00	0	0.00	565,720.85
WESCO	5402117694	FEBRUARY 2003	MARCH 2003	35,280	4.2823	151,079.60	0.00	151,079.60	151,079.60	0.00	0	0.00	
BP ENERGY	1046540	FEBRUARY 2003	MARCH 2003	32,340	3.8725	125,236.65	0.00	125,236.65	125,236.65	0.00	0	0.00	
IMBALANCE GAS	77202058	FEBRUARY 2003	MARCH 2003	4,440	4.5378	20,148.02	0.00	20,148.02	20,148.02	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	030200028	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	54,376.19	54,376.19	54,376.19	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 01/03 PENALTY	030200028	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	(279.73)	(279.73)	(279.73)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS 02/02 - 11/02 PENALTY	030200028	FEBRUARY 2003	MARCH 2003	0	0.0000	0.00	1.55	1.55	1.55	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		FEBRUARY 2003	MARCH 2003	0	0.0000	0	155,215.84	155,215.84	155,215.84	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		FEBRUARY 2003	MARCH 2003	0	0.0000	0	(4,457.77)	(4,457.77)	(4,457.77)	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 07/02-09/02		FEBRUARY 2003	MARCH 2003	0	0.0000	0	6,134.41	6,134.41	6,134.41	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		FEBRUARY 2003	MARCH 2003	0	0.0000	0	(4,396.00)	(4,396.00)	(4,396.00)	0.00	0	0.00	
MOPIPE SFR TRANSPORT ADJ.		FEBRUARY 2003	MARCH 2003	0.00	0.0000	0	(1,875.35)	(1,875.35)	(1,875.35)	0.00	0	0.00	
PEPL CAPACITY RELEASE	030200028	FEBRUARY 2003	MARCH 2003	0	0.0000	0	(87.78)	(87.78)	(87.78)	0.00	0	0.00	501,095.63

MISSOURI PUBLIC SERVICE
SCHEDULE 3 - SPOT MARKET GAS PURCHASES
BY USAGE MONTH FOR THE EASTERN SYSTEM

SUPPLIER	INVOICE NO.	USAGE MONTH	MONTH BOOKED	MMBTU	RATE	COST	OTHER CHARGES	TOTAL SYS. SUPPLY	FIRM PORTION	INTERRUPT. PORTION	STORAGE MMBTU	TOTAL STORAGE	TOTAL MONTH
BP ENERGY	1048625	MARCH 2003	APRIL 2003	23,100	3.8725	89,454.75	0.00	89,454.75	89,454.75	0.00	0	0.00	
WESCO	33258	MARCH 2003	APRIL 2003	25,460	4.5460	115,742.20	0.00	115,742.20	115,742.20	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	MARCH 2003	APRIL 2003	(4,784)	8.8279	(42,232.56)	0.00	(42,232.56)	(42,232.56)	0.00	0	0.00	
LINE LOSS	SEE GENERAL LEDGER	MARCH 2003	APRIL 2003	0	0.0000	0.00	(688.18)	(688.18)	(688.18)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	030300028	MARCH 2003	APRIL 2003	0	0.0000	0.00	58,651.37	58,651.37	58,651.37	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. PENALTY 02/03	030300028	FEBRUARY 2003	APRIL 2003	0	0.0000	0.00	(94.42)	(94.42)	(94.42)	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		MARCH 2003	APRIL 2003	0	0.0000	0.00	142,288.04	142,288.04	142,288.04	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		MARCH 2003	APRIL 2003	0	0.0000	0.00	(5,660.70)	(5,660.70)	(5,660.70)	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 02/03		MARCH 2003	APRIL 2003	0	0.0000	0.00	6,134.41	6,134.41	6,134.41	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		MARCH 2003	APRIL 2003	0	0.0000	0.00	(9,450.73)	(9,450.73)	(9,450.73)	0.00	0	0.00	
PEPL CAPACITY RELEASE		MARCH 2003	APRIL 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	
													354,144.18
WESCO	5402118091	APRIL 2003	MAY 2003	20,400	4.6050	93,942.00	0.00	93,942.00	93,942.00	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	APRIL 2003	MAY 2003	(151)	0.0000	19,498.42	0.00	19,498.42	19,498.42	0.00	0	0.00	
LINE LOSS	SEE GENERAL LEDGER	APRIL 2003	MAY 2003	0	0.0000	0.00	(28.55)	(28.55)	(28.55)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	030400022	APRIL 2003	MAY 2003	0	0.0000	0.00	7,433.50	7,433.50	7,433.50	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 03/03 PENALTY	030400022	MARCH 2003	MAY 2003	0	0.0000	0.00	(239.24)	(239.24)	(239.24)	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		MARCH 2003	MAY 2003	0	0.0000	0.00	125,993.44	125,993.44	125,993.44	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 02/03		MARCH 2003	MAY 2003	0	0.0000	0.00	6,134.41	6,134.41	6,134.41	0.00	0	0.00	
PEPL CAPACITY RELEASE	030400022	MARCH 2003	MAY 2003	0	0.0000	0.00	0.00	0.00	0.00	0.00	0	0.00	
													252,733.98
BP Energy	1052316	MAY 2003	JUNE 2003	9,011	4.7700	42,982.47		42,982.47	42,982.47	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	MAY 2003	JUNE 2003	1,874	4.3277	8,110.05		8,110.05	8,110.05	0.00	0	0.00	
LINE LOSS	SEE GENERAL LEDGER	MAY 2003	JUNE 2003	0	0.0000	0.00	(157.61)	(157.61)	(157.61)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	0305000016	MAY 2003	JUNE 2003		0.0000		3,283.38	3,283.38	3,283.38	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 04/03 PENALTY	0305000016	APRIL 2003	JUNE 2003		0.0000		(192.87)	(192.87)	(192.87)	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		MAY 2003	JUNE 2003		0.0000		119,353.94	119,353.94	119,353.94	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 05/03		MAY 2003	JUNE 2003		0.0000		6,134.41	6,134.41	6,134.41	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		MAY 2003	JUNE 2003		0.0000		(3,886.12)	(3,886.12)	(3,886.12)	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE PPA 04/03		APRIL 2003	JUNE 2003		0.0000		(4,199.75)	(4,199.75)	(4,199.75)	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		MAY 2003	JUNE 2003		0.0000		(6,176.19)	(6,176.19)	(6,176.19)	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ. PPA 04/03		APRIL 2003	JUNE 2003		0.0000		(6,772.24)	(6,772.24)	(6,772.24)	0.00	0	0.00	
													158,479.47
BP Energy	1054152	JUNE 2003	JULY 2003	6,000	5.5700	33,420.00		33,420.00	33,420.00	0.00	0	0.00	
IMBALANCE	VARIOUS	JUNE 2003	JULY 2003	3,961	4.9107	19,451.27		19,451.27	19,451.27	0.00	0	0.00	
LINE LOSS	SEE GENERAL LEDGER	JUNE 2003	JULY 2003	0	0.0000	0.00	(913.30)	(913.30)	(913.30)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	030600020	JUNE 2003	JULY 2003	0	0.0000	0.00	2,183.63	2,183.63	2,183.63	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		JUNE 2003	JULY 2003		0.0000		118,341.88	118,341.88	118,341.88	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 06/03		JUNE 2003	JULY 2003		0.0000		6,134.41	6,134.41	6,134.41	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		JUNE 2003	JULY 2003		0.0000		(3,588.17)	(3,588.17)	(3,588.17)	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		JUNE 2003	JULY 2003		0.0000		(5,725.46)	(5,725.46)	(5,725.46)	0.00	0	0.00	
													169,304.26
AEM on behalf of BP ENERGY	1056310	JULY 2003	AUGUST 2003	12,400	5.1650	64,046.00		64,046.00	64,046.00	0.00	0	0.00	
IMBALANCE GAS	VARIOUS	JULY 2003	AUGUST 2003	(4,851)	5.2227	(25,335.38)		(25,335.38)	(25,335.38)	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	030700022	JULY 2003	AUGUST 2003	0	0.0000	0.00	4,512.93	4,512.93	4,512.93	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 06/03 PENALTY	030700022	JUNE 2003	AUGUST 2003		0.0000		(11.58)	(11.58)	(11.58)	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		JULY 2003	AUGUST 2003		0.0000		115,888.21	115,888.21	115,888.21	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 07/03		JULY 2003	AUGUST 2003		0.0000		6,134.41	6,134.41	6,134.41	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		JULY 2003	AUGUST 2003		0.0000		2,943.49	2,943.49	2,943.49	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		JULY 2003	AUGUST 2003		0.0000		5,006.51	5,006.51	5,006.51	0.00	0	0.00	173,184.59
IMBALANCE GAS	VARIOUS	AUGUST 2003	SEPTEMBER 2003	7,207	4.9288	35,521.64		35,521.64	35,521.64	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS.	0307000	AUGUST 2003	SEPTEMBER 2003		0.0000		0.00	0.00	0.00	0.00	0	0.00	
PEPL SYSTEM SUPPLY TRANS. 07/03 PENALTY	0307000	JULY 2003	SEPTEMBER 2003		0.0000		(25.85)	(25.85)	(25.85)	0.00	0	0.00	
MOGAS/MOPIPE SYSTEM SUPPLY TRANS.		AUGUST 2003	SEPTEMBER 2003		0.0000		123,441.58	123,441.58	123,441.58	0.00	0	0.00	
MOGAS/MOPIPE RESEVATION DISPUTE 08/03		AUGUST 2003	SEPTEMBER 2003		0.0000		(1,422.87)	(1,422.87)	(1,422.87)	0.00	0	0.00	
MOGAS/MOPIPE CAPACITY RELEASE		AUGUST 2003	SEPTEMBER 2003		0.0000		(9,739.49)	(9,739.49)	(9,739.49)	0.00	0	0.00	
MOGAS SFR TRANSPORT ADJ.		AUGUST 2003	SEPTEMBER 2003		0.0000		(16,542.87)	(16,542.87)	(16,542.87)	0.00	0	0.00	131,232.14
				395,573		1,593,648.66	1,836,247.66	3,429,896.32	3,429,896.32	0.00	0.00	0.00	3,429,896.32

MISSOURI PUBLIC SERVICE
SCHEDULE 4 - CALCULATION OF
NEW RECOVERY BALANCE
2002-2003 ACA YEAR

Line		SOUTHERN SYSTEM FIRM	SOUTHERN SYSTEM INTERRUPT.	NORTHERN SYSTEM FIRM	NORTHERN SYSTEM INTERRUPT.	EASTERN SYSTEM FIRM	EASTERN SYSTEM INTERRUPT.	TOTAL	Line
1	ACA RECOVERY	1,370,264.15	0.00	27,499.97	0.00	118,497.58	0.00	1,516,261.70	1
2	REGULAR RECOVERY	18,269,106.27	0.00	6,527,634.10	0.00	3,236,403.43	0.00	28,033,143.80	2
3	TOTAL RECOVERY	19,639,370.42	0.00	6,555,134.07	0.00	3,354,901.01	0.00	29,549,405.50	3
	LESS:								
4	PURCHASED GAS COST PER BOOKS	16,029,366.50	0.00	4,279,274.98	0.00	3,429,896.32	0.00	23,738,537.80	4
5	STORAGE COSTS	3,423,743.62	0.00	2,912,502.04	0.00	0.00	0.00	6,336,245.66	5
6	TOTAL PURCHASED GAS COST PER BOOKS	19,453,110.12	0.00	7,191,777.02	0.00	3,429,896.32	0.00	30,074,783.46	6
7	GROSS RECOVERY	186,260.30	0.00	(636,642.95)	0.00	(74,995.31)	0.00	(525,377.96)	7
8	IMBALANCE ADJ PER GR-2002-392	(77,708.00)	0.00	0.00	0.00	(646.00)	0.00	(78,354.00)	8
9	STORAGE ADJ PER GR-2002-392	(5,001.00)	0.00	22,288.00	0.00		0.00	17,287.00	9
10	WGPC RESERVATION ADJ PER GR-2002-392	(204,392.00)							
11	CAPACITY RELEASE ADJ PER GR-2002-392	(14,909.00)							
12	DCCB ADJUSTMENT FOR 2002/2003	(2,835.00)		(1,777.00)		(222.00)			
13	REV. RECOVERY OVER/(UNDER) COST	(118,584.70)	0.00	(616,131.95)	0.00	(75,863.31)	0.00	(810,579.96)	13
14	BEGINNING ACA RECOVERY BALANCE SEPTEMBER 2002	(697,554.00)	9,563.19	33,244.00	(104,100.46)	(272,490.66)	0.00	(1,031,337.93)	14
15	ACA RECOVERY BALANCE August 2003 PER BOOKS	(575,351.19)	9,563.19	(556,980.54)	(104,100.46)	(286,915.00)	0.00	(1,513,784.00)	15
16	LESS ACTUAL ACA RECOVERY 08/03 BOOKED 09/03	17,970.58	0.00	(743.41)		(118.13)	0.00	17,109.04	16
17	Correction to 2000/2001 DCCB Entry	(219,520.00)	0.00	(24,884.00)		(67,214.00)	0.00	(311,618.00)	17
18	Correction to 2001/2002 DCCB Entry					5,910.00			
19	REVENUE REPORT PGA ADJ.	(447.77)		19.12		$ (30.36)	0.00	(459.01)	19
20	REVENUE REPORT ACA ADJ.	(14.25)		(8.78)					20
21	DCCB ADJUSTMENT FOR 2002/2003	(2,835.00)		(1,777.00)		(222.00)			21
22	ENDING ACA RECOVERY BALANCE PER BOOKS	(816,138.79)	9,563.19	(582,887.79)	(104,100.46)	(348,353.23)	0.00	(1,841,917.08)	22
23	GR-93-172 MCF SALES	3,823,123	123,143	1,468,777	0	379,066	0	5,794,109	23
24	CALCULATED ACA RATES FOR 11/05/03 PER CCF	0.02135	(0.00777)	0.03969	0.00000	0.09190	0.00000		24
25	EFFECTIVE 11/05/02	0.02458	(0.00777)	(0.00378)	0.00000	(0.00134)	0.00000		25
26	CHANGE IN ACA RATE	(0.00323)	0.00000	0.04347	0.00000	0.09324	0.00000		26

AQUILA INC. d/b/a AQUILA NETWORKS - MPS

Southern System Gas Refund
2002-2003 ACA Year

			FIRM	INTERRUPTIBLE	TOTAL
1	**Beginning Balance September 2002**		**($0.09)**	**$0.00**	**($0.09)**
2	**Actual Refund to Customers by Month**				
3	September	2002	($4,444.48)	$0.00	($4,444.48)
4	October	2002	($5,793.75)	$0.00	($5,793.75)
5	November	2002	($11,929.54)	$0.00	($11,929.54)
6	December	2002	($1,329.87)	$0.00	($1,329.87)
7	January	2003	($43.97)	$0.00	($43.97)
8	February	2003	$33.55	$0.00	$33.55
9	March	2003	($2.21)	$0.00	($2.21)
10	April	2003	($8.48)	$0.00	($8.48)
11	May	2003	$324.89	$0.00	$324.89
12	June	2003	$97.85	$0.00	$97.85
13	July	2003	$17.38	$0.00	$17.38
14	August	2003	($11.09)	$0.00	($11.09)
15		**TOTAL:**	**($23,089.72)**	**$0.00**	**($23,089.72)**
16	**(Over)/Under Refund**		**$23,089.63**	**$0.00**	**$23,089.63**
17	**Supplier Refunds Sep-02 to Aug-03**				
	Southern Star Refund Check #503378	Apr-03	$1,156.30	$0.00	$1,156.30
	6% Interest (4/25/03 - 5/01/03)		$1.33	$0.00	$1.33
	6% Interest (5/02/03 - 11/01/03)		$34.97	$0.00	$34.97
	Southern Star Refund Check #502853	Jan-03	$457.75	$0.00	$457.75
	6% Interest (1/30/03 - 5/1/03)		$6.92	$0.00	$6.92
	6% Interest (5/02/03 - 11/01/03)		$13.85	$0.00	$13.85
	Southern Star Refund Check #503042	Feb-03	$34,393.20	$0.00	$34,393.20
	6% Interest (2/27/03 - 5/1/03)		$361.84	$0.00	$361.84
	6% Interest (5/02/03 - 11/01/03)		$1,040.28	$0.00	$1,040.28
		TOTAL:	**$37,466.43**	$0.00	$37,466.43
	Balance as of August 31, 2003		**$60,556.07**	**$0.00**	**$60,556.07**

Annual Firm Mcf Sales Per GR-93-172: **3,823,123**

Refund Rate Per Ccf: **$ 0.00158**

MPS proposes to change the refund rate from the present rate of Zero/Mcf to ($.0158)/Mcf.

AQUILA, INC. DBA AQUILA NETWORKS
7101 MERCY RD STE 400
OMAHA NE 68106-2618

NO. 503378

DETACH THIS STATEMENT AND RETAIN FOR YOUR FILES
007921 001 A AQUILA NETWORKS
04/25/03 503378

INVOICE NUMBER	DATE	VOUCHER NO.	P.O./ CONTRACT NO.	GROSS	DISCOUNT	NET
PODB REFUND	04/23/03	0750895		2,046.00	0.00	2,046.00
PODB REFUNDS-DOCKET NO. RP02-241						
			TOTAL	2,046.00	0.00	2,046.00

1023 - MPS S/B 1156.30 MP
1023 - KPS 889.70 KP

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SOUTHERN STAR CENTRAL GAS PIPELINE, INC.
P.O. BOX 20010
Owensboro, Kentucky 42304
(270) 852-5000

NO. 503378

DATE	AMOUNT
04/25/03	******$2,046.00

PAY ONLY 2046 DOLLARS 00 CTS

TO THE ORDER OF AQUILA, INC. DBA AQUILA NETWORKS
7101 MERCY RD STE 400
OMAHA NE 68106-2618

BY: Susanne W. Harris

BY:

FLEET MAINE, N.A.
SOUTH PORTLAND, ME

VOID OVER $2,046.00

NOT VALID AFTER 60 DAYS

⑈503378⑈ ⑆011201539⑆ 80 025 356⑈

Southern Star Central
Gas Pipeline, Inc.

3800 Frederica Street
P. O. Box 20010
Owensboro, KY 42304

April 25, 2003

Dear Customer:

RE: PODB Refunds – Docket No. RP02-241

On April 30, 2002, Southern Star Central Gas Pipeline, Inc. (Southern Star) filed a refund plan related to penalties collected during Periods of Daily Balancing that occurred in 1996 and 1997. By Order dated April 15, 2003, the Commission approved Southern Star's refund plan.

Enclosed please find a check representing your portion of the refund related to this proceeding. Also enclosed is a schedule reflecting the allocation by customer of the total principal and interest related to this proceeding. Interest has been calculated through April 25, 2003.

If you have any questions related to your refund, please contact Daryl Johnson by phone at (270) 852-4650 for by e-mail at daryl.r.johnson@sscgp.com.

Refund

Summary

Southern Star Central Gas Pipeline, Inc
Summary of PODB Refunds
Docket No. RP02-241

Customer	Receipt Operator	Delivery Operator	TSS MDTQ	TSS MDWQ	TSS Storage Depletion	STS MDTQ	STS MDWQ	Interest Over Payment	Total
AG Processing		$ 142							$ 142
Altamont							$ 9		$ 9
Americus			$ 12	$ 45					$ 57
Anadarko Petroleum	$ 1,026								$ 1,026
Apache Corp	$ 364								$ 364
Aquila Gas	$ 2,539							$ 1,552	$ 4,091
Argonia							$ 25		$ 25
Arkla						$ 635	$ 169		$ 804
Astaris LLC		$ 550							$ 550
Auburn			$ 7	$ 139					$ 146
Avant						$ 52	$ 10		$ 62
Billings						$ 90	$ 22		$ 112
Boeing Airplane		$ 2,034							$ 2,034
BP Energy	$ 55								$ 55
Brock Gas		$ 127							$ 127
Burlingame				$ 1	$ 35	$ 51	$ 11		$ 98
Calumet Oil Co		$ 1							$ 1
City Utilities		$ 27,796	$ 990	$ 5,181	$ 5,016				$ 38,983
Cleveland						$ 592	$ 158		$ 750
CMS Field Services	$ 1,059								$ 1,059
Conoco Inc	$ 7,123								$ 7,123
Copan Public Works						$ 124	$ 30		$ 154
Danville						$ 11	$ 3		$ 14
Duke Energy Field Services	$ 4,838								$ 4,838
Empire District Elec		$ 2							$ 2
Enbridge Midcoast Energy		$ 903							$ 903
Evergreen Operator	$ 702								$ 702
Excel		$ 767							$ 767
Farmland Industries		$ 13,417							$ 13,417
Flint Hills							$ 0		$ 0
Ford			$ 8						$ 8
Freedom						$ 67			$ 67
Gate						$ 33	$ 7		$ 40
Goodyear Tire		$ 290							$ 290
GPM	$ 8,116								$ 8,116
Granby							$ 10		$ 10
Greeley Gas			$ 536	$ 1,524					$ 2,060
Grove Municipal		$ 1,468		$ 222					$ 1,690
Hamilton							$ 2		$ 2
Howard							$ 6		$ 6
IAP		$ 133							$ 133

Southern Star Central Gas Pipeline, Inc
Summary of PODB Refunds
Docket No. RP02-241

Customer	Receipt Operator	Delivery Operator	TSS MDTQ	TSS MDWQ	TSS Storage Depletion	STS MDTQ	STS MDWQ	Interest Over Payment	Total
Iola			$ 157	$ 563	$ 1,618				$ 2,338
Kansas Gas Servcice	$ 82	$ 110,967	$ 23,318	$ 50,108	$ 66,317				$ 250,792
Kansas Gas Supply	$ 1,218								$ 1,218
Kansas Public		$ 1,136							$ 1,136
Kechi							$ 32		$ 32
KG&E		$ 178							$ 178
KMGA			$ 455	$ 1,957	$ 79	$ 87	$ 18		$ 2,596
Koch Hydrocarbon		$ 920							$ 920
Lebo							$ 3		$ 3
Liberal			$ 9	$ 33	$ 57				$ 99
Lumen Energy	$ 3,017								$ 3,017
Manchester Pipeline	$ 5,287							$ 5,488	$ 10,775
Mannford			$ 26	$ 3					$ 29
McLouth							$ 5		$ 5
Mewbourne Oil	$ 2,148								$ 2,148
MGE		$ 161,495	$ 22,714	$ 85,966	$ 168,651				$ 438,827
Midwest Grain		$ 591							$ 591
Mobil Nat Gas	$ 132,910								$ 132,910
Mulberry			$ 9	$ 33	$ 90				$ 132
Nebraska Public		$ 1,235	$ 195	$ 582	$ 1,648				$ 3,660
Neodesha							$ 30		$ 30
Noble Gas Pipeline	$ 149								$ 149
Northern Michigan	$ 373								$ 373
Olivet							$ 0		$ 0
ONG	$ 1,413								$ 1,413
Orlando						$ 33	$ 7		$ 40
Oronogo							$ 1		$ 1
Peoples Nat Gas		$ 82				$ 139	$ 37		$ 258
Pioneer Nat Resources	$ 43,541								$ 43,541
Plattsburg			$ 53	$ 178					$ 231
Powersmith		$ 6,338							$ 6,338
Public Service of Co.		$ 1,990	$ 4						$ 1,994
Questar Pipe	$ 506								$ 506
Reading							$ 1		$ 1
Rural Gas Dist. #1 of Osage Co.						$ 6	$ 2		$ 8
Senex	$ 97								$ 97
Severy Gas			$ 3	$ 17					$ 20
Texaco Exploration	$ 32,844								$ 32,844
Transok Gas	$ 4,231								$ 4,231
Transok Inc	$ 5,246								$ 5,246
Twister Transmission	$ 994								$ 994

Southern Star Central Gas Pipeline, Inc
Summary of PODB Refunds
Docket No. RP02-241

Customer	Receipt Operator	Delivery Operator	TSS MDTQ	TSS MDWQ	TSS Storage Depletion	STS MDTQ	STS MDWQ	Interest Over Payment	Total
UCB Films, Inc		$ -							$ -
United Cities	$ 54	$ 22,996	$ 2,718	$ 9,656	$ 3,549				$ 38,973
Utilicorp United				$ 2,046					$ 2,046
Viola						$ 25	$ 7		$ 32
Vulcan Chemical		$ 2,187							$ 2,187
Wakita						$ 104	$ 22		$ 126
Warren NGL	$ 57,846								$ 57,846
Westar Transmission	$ 296								$ 296
Western Gas Res	$ 4,615								$ 4,615
WFS Company	$ 13,079								$ 13,079
WFS Rocky Mt.	$ 152,256								$ 152,256
Yuma Gathering	$ 9,172								$ 9,172
	$ 497,195	$ 357,745	$ 51,214	$ 158,254	$ 247,060	$ 2,050	$ 628	$ 7,040	$ 1,321,186

FINAL

SCHEDULE 1

PODB Penalty

Refund Distribution

Williams Gas Pipeline Central
Distribution of Receipt Point Operator Penalties
To Non-Offending Receipt Point Operators

FINAL - Schedule 1

Operator Name	Jan. 19 - Jan. 20 1996 Dth	Jan. 19 - Jan. 20 1996 Refund	Jan. 31 - Feb. 4 1996 Dth	Jan. 31 - Feb. 4 1996 Refund	Dec. 18 - Dec. 19 1996 Dth	Dec. 18 - Dec. 19 1996 Refund	Jan. 9 - Jan. 13 1997 Dth	Jan. 9 - Jan. 13 1997 Refund	Jan. 17 1997 Dth	Jan. 17 1997 Refund	Total Refund
BP Energy	-	$ -	-	$ -	1,018	$ 55	-	$ -	-	$ -	$ 55
Anadarko Petroleum	10,141	$ 1,026	-	$ -	-	$ -	-	$ -	-	$ -	$ 1,026
Apache Corp	-	$ -	-	$ -	-	$ -	64,714	$ 201	12,848	$ 162	$ 364
Duke Energy Field Services	3,239	$ 328	-	$ -	75,682	$ 4,057	81,263	$ 253	15,861	$ 201	$ 4,838
Conoco Inc	14,704	$ 1,488	32,187	$ 4,456	17,827	$ 956	39,974	$ 124	7,793	$ 99	$ 7,123
CMS Field Services	-	$ -	-	$ -	-	$ -	185,698	$ 578	38,036	$ 481	$ 1,059
Kansas Gas Service	-	$ -	-	$ -	-	$ -	26,432	$ 82	-	$ -	$ 82
Kansas Gas Supply	-	$ -	-	$ -	17,798	$ 954	48,757	$ 152	8,905	$ 113	$ 1,218
Manchester Pipeline	26,840	$ 2,717	-	$ -	39,370	$ 2,110	83,651	$ 260	15,791	$ 200	$ 5,287
Pioneer Nat Resources	65,274	$ 6,607	250,462	$ 34,676	-	$ -	413,503	$ 1,287	76,774	$ 971	$ 43,541
Mobil Nat Gas	299,165	$ 30,281	741,274	$102,629	-	$ -	-	$ -	-	$ -	$132,910
Northern Michigan	-	$ -	2,692	$ 373	-	$ -	-	$ -	-	$ -	$ 373
ONG	-	$ -	-	$ -	18,163	$ 974	55,977	$ 174	20,973	$ 265	$ 1,413
Transok Inc	-	$ -	-	$ -	73,189	$ 3,923	236,919	$ 737	46,324	$ 586	$ 5,246
Twister Transmission	-	$ -	7,178	$ 994	-	$ -	-	$ -	-	$ -	$ 994
Westar Transmission	-	$ -	-	$ -	-	$ -	94,945	$ 296	-	$ -	$ 296
Western Gas Res	8,558	$ 866	26,343	$ 3,647	-	$ -	18,289	$ 57	3,523	$ 45	$ 4,615
Yuma Gathering	*21,484*	*$ 2,175*	*48,118*	*$ 6,662*	-	$ -	*59,011*	*$ 184*	*11,989*	*$ 152*	*$ 9,172*
Mewbourne Oil	-	$ -	-	$ -	31,912	$ 1,711	76,313	$ 238	15,771	$ 199	$ 2,148
Evergreen Operator	-	$ -	-	$ -	10,226	$ 548	27,213	$ 85	5,439	$ 69	$ 702
United Cities	-	$ -	-	$ -	-	$ -	17,345	$ 54	-	$ -	$ 54
Lumen Energy	5,238	$ 530	13,972	$ 1,934	8,311	$ 446	18,712	$ 58	3,873	$ 49	$ 3,017
Aquila Gas	-	$ -	16,537	$ 2,290		$ -	44,019	$ 137	8,915	$ 113	$ 2,539
Questar Pipe	-	$ -	-	$ -	7,454	$ 400	18,891	$ 59	3,736	$ 47	$ 506
Warren NGL	32,658	$ 3,306	63,891	$ 8,846	662,737	$ 35,525	1,789,108	$ 5,569	363,871	$ 4,601	$ 57,846
Texaco Exploration	116,934	$ 11,836	98,479	$ 13,634	110,580	$ 5,928	254,217	$ 791	51,772	$ 655	$ 32,844
Transok Gas	-	$ -	-	$ -	59,151	$ 3,171	192,067	$ 598	36,551	$ 462	$ 4,231
GPM	-	$ -	48,157	$ 6,667	21,183	$ 1,135	55,692	$ 173	11,068	$ 140	$ 8,116
WFS Company	-	$ -	-	$ -	186,948	$ 10,021	517,495	$ 1,611	114,448	$ 1,447	$ 13,079
WFS Rocky Mt.	263,005	$ 26,621	758,457	$105,008	300,552	$ 16,111	807,856	$ 2,515	158,377	$ 2,002	$152,256
Noble Gas Pipeline	-	$ -	-	$ -	-	$ -	26,393	$ 82	5,321	$ 67	$ 149
Senex	-	$ -	-	$ -	-	$ -	18,014	$ 56	3,213	$ 41	$ 97
Totals	867,240	$ 87,780	2,107,747	$291,816	1,642,101	$ 88,023	5,272,468	$ 16,412	1,041,172	$ 13,164	$497,195

Enclosure 5

Williams Gas Pipeline Central
Distribution of Delivery Point Operator Penalties
To Non-Offending Delivery Point Operators

FINAL - **Schedule 1**

Operator Name	Dec. 18 - Dec. 19 1996 Dth	Dec. 18 - Dec. 19 1996 Refund	Jan. 9 - Jan. 13 1997 Dth	Jan. 9 - Jan. 13 1997 Refund	Total Refund
AG Processing	1,365	$ 22	2,664	$ 120	$ 142
Boeing Airplane	17,440	$ 277	39,036	$ 1,758	$ 2,034
Empire District Elec	-	$ -	42	$ 2	$ 2
Astaris LLC	4,420	$ 70	10,667	$ 480	$ 550
Farmland Industries	107,452	$ 1,705	260,109	$ 11,712	$ 13,417
UCB Films, Inc	-	$ -	-	$ -	$ -
Goodyear Tire	8,540	$ 136	3,429	$ 154	$ 290
KG&E	2,887	$ 46	2,934	$ 132	$ 178
Kansas Gas Service	837,027	$ 13,282	2,169,517	$ 97,685	$ 110,967
Kansas Public	71,620	$ 1,136	-	$ -	$ 1,136
Peoples Nat Gas	5,141	$ 82	-	$ -	$ 82
Public Service of Co.	19,541	$ 310	37,316	$ 1,680	$ 1,990
City Utilities	224,677	$ 3,565	538,151	$ 24,231	$ 27,796
Powersmith	50,293	$ 798	123,043	$ 5,540	$ 6,338
Brock Gas	775	$ 12	2,549	$ 115	$ 127
Vulcan Chemical	14,721	$ 234	43,379	$ 1,953	$ 2,187
United Cities	172,163	$ 2,732	450,042	$ 20,264	$ 22,996
Midwest Grain	3,067	$ 49	12,041	$ 542	$ 591
Koch Hydrocarbon	7,231	$ 115	17,883	$ 805	$ 920
Enbridge Midcoast Energy	6,884	$ 109	17,619	$ 793	$ 903
Nebraska Public	-	$ -	27,434	$ 1,235	$ 1,235
Grove Municipal	11,473	$ 182	28,565	$ 1,286	$ 1,468
MGE	1,199,230	$ 19,029	3,164,046	$ 142,465	$ 161,495
Excel	6,139	$ 97	14,879	$ 670	$ 767
Calumet Oil Co	-	$ -	16	$ 1	$ 1
IAP	-	$ -	2,961	$ 133	$ 133
Totals	2,772,086	$ 43,987	6,968,322	$ 313,756	$ 357,745

Williams Gas Pipeline Central
Distribution of TSS MDTQ Overrun Penalties
To Non-Offending TSS Shippers
PODB Periods *Jan 19-20, 1996 and Jan 31 - Feb 4, 1996*

FINAL - Schedule 1

Shipper Name	Jan. 19 1996 MDTQ	Jan. 19 1996 Refund	Jan. 20 1996 MDTQ	Jan. 20 1996 Refund	Jan. 31 1996 MDTQ	Jan. 31 1996 Refund	Feb. 1 1996 MDTQ	Feb. 1 1996 Refund	Feb. 2 1996 MDTQ	Feb. 2 1996 Refund	Feb. 3 1996 MDTQ	Feb. 3 1996 Refund	Feb. 4 1996 MDTQ	Feb. 4 1996 Refund	Total Refund
Production Area															
Ford	146	$ 1	146	$ 0	146	$ 1	146	$ 1	146	$ 1	146	$ 1	146	$ 1	$ 5
Greeley Gas	1,468	$ 8	1,468	$ 3	1,468	$ 8	1,468	$ 8	1,468	$ 7	1,468	$ 7	1,468	$ 7	$ 47
Kansas Gas Service	201,659	$ 1,078	201,659	$ 424	201,659	$ 1,061	201,659	$ 1,052	201,659	$ 990	201,659	$ 951	201,659	$ 903	$ 6,459
Public Service of Co.	148	$ 1	148	$ 0	-	$ -	148	$ 1	148	$ 1	148	$ 1	148	$ 1	$ 4
KMGA	138	$ 1	138	$ 0	138	$ 1	138	$ 1	138	$ 1	138	$ 1	138	$ 1	$ 4
Totals	203,559	$ 1,088	203,559	$ 428	203,411	$ 1,070	203,559	$ 1,062	203,559	$ 999	203,559	$ 960	203,559	$ 912	$ 6,519
Market Area															
Americus	-	$ -	-	$ -	390	$ 1	-	$ -	390	$ 2	390	$ 3	-	$ -	$ 5
Burlingame	-	$ -	-	$ -	254	$ 0	-	$ -	-	$ -	-	$ -	-	$ -	$ 0
Greeley Gas	-	$ -	-	$ -	15,055	$ 28	-	$ -	15,055	$ 65	15,055	$ 108	-	$ -	$ 201
Iola	-	$ -	-	$ -	5,100	$ 10	-	$ -	5,100	$ 22	5,100	$ 37	-	$ -	$ 68
Kansas Gas Service	-	$ -	-	$ -	433,320	$ 808	-	$ -	433,320	$ 1,866	433,320	$ 3,107	-	$ -	$ 5,781
Liberal	-	$ -	-	$ -	290	$ 1	-	$ -	290	$ 1	290	$ 2	-	$ -	$ 4
Mulberry	-	$ -	-	$ -	290	$ 1	-	$ -	290	$ 1	290	$ 2	-	$ -	$ 4
Plattsburg	-	$ -	-	$ -	1,720	$ 3	-	$ -	1,720	$ 7	1,720	$ 12	-	$ -	$ 23
Severy Gas	-	$ -	-	$ -	149	$ 0	-	$ -	-	$ -	-	$ -	-	$ -	$ 0
City Utilities	-	$ -	-	$ -	32,187	$ 60	-	$ -	32,187	$ 139	32,187	$ 231	-	$ -	$ 429
United Cities	-	$ -	-	$ -	104,000	$ 194	-	$ -	-	$ -	104,000	$ 746	-	$ -	$ 940
Nebraska Public	-	$ -	-	$ -	5,625	$ 10	-	$ -	6,375	$ 27	6,375	$ 46	-	$ -	$ 84
KMGA	-	$ -	-	$ -	14,429	$ 27	-	$ -	14,429	$ 62	14,429	$ 103	-	$ -	$ 193
MGE	-	$ -	-	$ -	739,125	$ 1,378	-	$ -	749,625	$ 3,228	749,625	$ 5,375	-	$ -	$ 9,981
Totals	-	$ -	-	$ -	1,351,934	$ 2,520	-	$ -	1,258,781	$ 5,420	1,362,781	$ 9,772	-	$ -	17,712

Williams Gas Pipeline Central
Distribution of TSS MDTQ Overrun Penalties
To Non-Offending TSS Shippers
PODB Period Jan 9 - 13, 1997

Shipper Name	Jan. 9 1997 MDTQ	Jan. 9 1997 Refund	Jan. 10 1997 MDTQ	Jan. 10 1997 Refund	Jan. 11 1997 MDTQ	Jan. 11 1997 Refund	Jan. 12 1997 MDTQ	Jan. 12 1997 Refund	Jan. 13 1997 MDTQ	Jan. 13 1997 Refund	Total Refund
Production Area											
Ford	146	$ 0	146	$ 1	146	$ 0	146	$ 1	146	$ 0	$ 3
Greeley Gas	1,468	$ 5	1,468	$ 5	1,468	$ 5	1,468	$ 7	1,468	$ 5	$ 26
Kansas Gas Service	192,138	$ 623	192,138	$ 669	201,659	$ 647	201,659	$ 970	201,659	$ 623	$ 3,531
Mannford	1,450	$ 5	1,450	$ 5	1,450	$ 5	1,450	$ 7	1,450	$ 4	$ 26
Public Service of Co.	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
KMGA	138	$ 0	138	$ 0	138	$ 0	138	$ 1	138	$ 0	$ 2
Totals	195,340	$ 633	195,340	$ 680	204,861	$ 657	204,861	$ 985	204,861	$ 633	$ 3,588
Market Area											
Americus	-	$ -	390	$ 7	-	$ -	-	$ -	-	$ -	$ 7
Auburn	-	$ -	391	$ 7	-	$ -	-	$ -	-	$ -	$ 7
Burlingame	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
Greeley Gas	-	$ -	15,055	$ 262	-	$ -	-	$ -	-	$ -	$ 262
Iola	-	$ -	5,100	$ 89	-	$ -	-	$ -	-	$ -	$ 89
Kansas Gas Service	-	$ -	433,320	$ 7,547	-	$ -	-	$ -	-	$ -	$ 7,547
Liberal	-	$ -	290	$ 5	-	$ -	-	$ -	-	$ -	$ 5
Mulberry	-	$ -	290	$ 5	-	$ -	-	$ -	-	$ -	$ 5
Plattsburg	-	$ -	1,720	$ 30	-	$ -	-	$ -	-	$ -	$ 30
Severy Gas	-	$ -	165	$ 3	-	$ -	-	$ -	-	$ -	$ 3
City Utilities	-	$ -	32,187	$ 561	-	$ -	-	$ -	-	$ -	$ 561
United Cities	-	$ -	102,110	$ 1,778	-	$ -	-	$ -	-	$ -	$ 1,778
Nebraska Public	-	$ -	6,375	$ 111	-	$ -	-	$ -	-	$ -	$ 111
Grove Municipal	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
KMGA	-	$ -	14,683	$ 256	-	$ -	-	$ -	-	$ -	$ 256
MGE	-	$ -	731,105	$ 12,733	-	$ -	-	$ -	-	$ -	$ 12,733
Utilicorp United	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
Totals	-		1,343,181	$ 23,393			-		-		23,393

Williams Gas Pipeline Central
Distribution of TSS MDWQ Overrun Penalties
To Non-Offending TSS Storage Shippers
PODB Period Jan 31 - Feb 4, 1996

FINAL - Schedule 1

Shipper Name	Jan. 31 1996 MDWQ	Jan. 31 1996 Refund	Feb. 2 1996 MDWQ	Feb. 2 1996 Refund	Feb. 3 1996 MDWQ	Feb. 3 1996 Refund	Feb. 4 1996 MDWQ	Feb. 4 1996 Refund	Total Refund
Market Area									
Americus	260	$ 2	260	$ 3	260	$ 4	260	$ 0	$ 9
Burlingame	127	$ 1	-	$ -	-	$ -	127	$ 0	$ 1
Greeley Gas	8,845	$ 57	8,845	$ 89	8,845	$ 130	8,845	$ 14	$ 290
Iola	-	$ -	3,400	$ 34	3,400	$ 50	3,400	$ 5	$ 90
Kansas Gas Service	288,880	$ 1,867	288,880	$ 2,897	288,880	$ 4,262	288,880	$ 460	$ 9,485
Liberal	193	$ 1	193	$ 2	193	$ 3	193	$ 0	$ 6
Mulberry	193	$ 1	193	$ 2	193	$ 3	193	$ 0	$ 6
Plattsburg	1,031	$ 7	1,031	$ 10	1,031	$ 15	1,031	$ 2	$ 34
Severy Gas	99	$ 1	99	$ 1	99	$ 1	99	$ 0	$ 3
City Utilities	66,817	$ 432	66,817	$ 670	66,817	$ 986	66,817	$ 106	$ 2,194
United Cities	65,581	$ 424	-	$ -	-	$ -	65,581	$ 104	$ 528
Nebraska Public	3,653	$ 24	3,653	$ 37	3,653	$ 54	3,653	$ 6	$ 120
KMGA	18,299	$ 118	18,299	$ 184	18,299	$ 270	18,299	$ 29	$ 601
MGE	499,750	$ 3,230	499,750	$ 5,011	499,750	$ 7,373	499,750	$ 795	$ 16,409
Utilicorp United	44,965	$ 291	44,965	$ 451	44,965	$ 663	44,965	$ 72	$ 1,476
	998,693	$ 6,454	936,385	$ 9,390	936,385	$ 13,814	1,002,093	$ 1,595	31,253

Williams Gas Pipeline Central
Distribution of TSS MDWQ Overrun Penalties
To Non-Offending TSS Storage Shippers
PODB Periods Dec 18-19, 1996, Jan 9-13, 1997 and Jan 17, 1997

FINAL - Schedule 1

Shipper Name	Dec. 18 1996 MDWQ	Dec. 18 1996 Refund	Dec. 19 1996 MDWQ	Dec. 19 1996 Refund	Jan. 10 1997 MDWQ	Jan. 10 1997 Refund	Jan. 11 1997 MDWQ	Jan. 11 1997 Refund	Jan. 12 1997 MDWQ	Jan. 12 1997 Refund	Jan. 17 1997 MDWQ	Jan. 17 1997 Refund	Total Refund
Production Area													
Ford	-	$ -	-	$ -	93	$ 0	93	$ 0	93	$ 0	-	$ -	$ 0
Greeley Gas	-	$ -	-	$ -	734	$ 0	734	$ 0	734	$ 2	-	$ -	$ 3
Kansas Gas Service	-	$ -	-	$ -	120,298	$ 46	120,298	$ 23	120,298	$ 347	-	$ -	$ 416
Mannford	-	$ -	-	$ -	771	$ 0	771	$ 0	771	$ 2	-	$ -	$ 3
KMGA	-	$ -	-	$ -	69	$ 0	69	$ 0	69	$ 0	-	$ -	$ 0
Totals	-	$ -	-	$ -	121,965	$ 47	121,965	$ 23	121,965	$ 352	-	$ -	$ 422
Market Area													
Americus	260	$ 3	260	$ 0	260	$ 11	-	$ -	-	$ -	260	$ 22	$ 36
Auburn	1,000	$ 11	1,000	$ 1	1,000	$ 42	-	$ -	-	$ -	1,000	$ 84	$ 139
Greeley Gas	8,845	$ 102	8,845	$ 11	8,845	$ 373	-	$ -	-	$ -	8,845	$ 746	$ 1,231
Iola	3,400	$ 39	3,400	$ 4	3,400	$ 143	-	$ -	-	$ -	3,400	$ 287	$ 473
Kansas Gas Service	288,880	$ 3,316	288,880	$ 343	288,880	$ 12,179	-	$ -	-	$ -	288,880	$ 24,369	$ 40,207
Liberal	193	$ 2	193	$ 0	193	$ 8	-	$ -	-	$ -	193	$ 16	$ 27
Mulberry	193	$ 2	193	$ 0	193	$ 8	-	$ -	-	$ -	193	$ 16	$ 27
Plattsburg	1,031	$ 12	1,031	$ 1	1,031	$ 43	-	$ -	-	$ -	1,031	$ 87	$ 144
Severy Gas	99	$ 1	99	$ 0	99	$ 4	-	$ -	-	$ -	99	$ 8	$ 14
City Utilities	21,458	$ 246	21,458	$ 25	21,458	$ 905	-	$ -	-	$ -	21,458	$ 1,810	$ 2,987
United Cities	65,581	$ 753	65,581	$ 78	65,581	$ 2,765	-	$ -	-	$ -	65,581	$ 5,532	$ 9,128
Nebraska Public	-	$ -	-	$ -	3,653	$ 154	-	$ -	-	$ -	3,653	$ 308	$ 462
Grove Municipal	-	$ -	2,598	$ 3	-	$ -	-	$ -	-	$ -	2,598	$ 219	$ 222
KMGA	9,745	$ 112	9,745	$ 12	9,745	$ 411	-	$ -	-	$ -	9,745	$ 822	$ 1,356
MGE	499,750	$ 5,737	499,750	$ 593	499,750	$ 21,069	-	$ -	-	$ -	499,750	$ 42,158	$ 69,557
Utilicorp United	44,965	$ 516	44,965	$ 53	-	$ -	-	$ -	-	$ -	-	$ -	$ 570
										$ -			
Totals	945,400	$ 10,853	947,998	$ 1,125	904,088	$ 38,116	-	$ -	-	$ -	906,686	$ 76,486	$ 126,580

Williams Gas Pipeline Central
Distribution of TSS Storage Depletion Penalties
To Non-Offending TSS Storage Shippers
PODB Period Jan 31 - Feb 4, 1996

Shipper Name	Jan. 31 1996 Sto. Bal.	Jan. 31 1996 Refund	Feb. 1 1996 Sto. Bal.	Feb. 1 1996 Refund	Feb. 2 1996 Sto. Bal.	Feb. 2 1996 Refund	Feb. 3 1996 Sto. Bal.	Feb. 3 1996 Refund	Feb. 4 1996 Sto. Bal.	Feb. 4 1996 Refund	Total Refund
Market Area											
Americus	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
Burlingame	1,953	$ 9	1,584	$ 8	1,004	$ 8	727	$ 7	546	$ 4	$ 35
Greeley Gas	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
Iola	53,921	$ 250	50,946	$ 242	48,092	$ 361	46,063	$ 416	44,403	$ 348	$ 1,618
Kansas Gas Servcice	2,487,603	$11,542	2,316,593	$10,988	2,030,542	$15,256	1,771,913	$16,005	1,596,356	$12,526	$ 66,317
Liberal	2,090	$ 10	1,905	$ 9	1,736	$ 13	1,562	$ 14	1,393	$ 11	$ 57
Mulberry	2,875	$ 13	2,778	$ 13	2,689	$ 20	2,595	$ 23	2,505	$ 20	$ 90
Plattsburg	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
Severy Gas	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
City Utilities	176,138	$ 817	175,663	$ 833	159,066	$ 1,195	135,266	$ 1,222	120,837	$ 948	$ 5,016
United Cities	260,534	$ 1,209	207,361	$ 984	122,351	$ 919	48,387	$ 437	-	$ -	$ 3,549
Nebraska Public	55,198	$ 256	52,703	$ 250	49,515	$ 372	46,497	$ 420	44,560	$ 350	$ 1,648
KMGA	10,501	$ 49	6,388	$ 30	-	$ -	-	$ -	-	$ -	$ 79
MGE	5,841,812	$27,106	5,554,094	$26,345	5,103,492	$38,345	4,690,617	$42,368	4,395,377	$34,487	$168,651
Utilicorp United	-	$ -	-	$ -	-	$ -	-	$ -	-	$ -	$ -
	8,892,625	$41,261	8,370,015	$39,702	7,518,487	$56,490	6,743,627	$60,912	6,205,977	$48,694	$247,059

Williams Gas Pipeline Central
Distribution of STS MDTQ Overrun Penalties
To Non-Offending STS Shippers
PODB Period Jan 31 - Feb 4, 1996

Shipper Name	Feb. 3 1996 MDTQ	Feb. 3 1996 Refund
Production Area		
Argonia	-	$ -
Arkla	2,145	$ 635
Avant	174	$ 52
Billings	304	$ 90
Burlington	171	$ 51
Cleveland	2,000	$ 592
Copan	420	$ 124
Danville	38	$ 11
Gate	110	$ 33
Kechi	-	$ -
Mannford	-	$ -
Orlando	113	$ 33
Peoples Natural	471	$ 139
Rural Gas Dist. #1 of Osage Co.	21	$ 6
Viola	84	$ 25
Wakita	352	$ 104
Freedom	227	$ 67
KMGA	294	$ 87
Totals	6,924	$ 2,050

Williams Gas Pipeline Central
Distribution of STS MDWQ Overrun Penalties
To Non-Offending STS Storage Shippers
PODB Period Jan 9-13, 1997

Shipper Name	Jan. 9 1997 MDWQ	Jan. 9 1997 Refund	Jan. 11 1997 MDWQ	Jan. 11 1997 Refund	Jan. 13 1997 MDWQ	Jan. 13 1997 Refund	Total Refund
Production Area							
Argonia	208	$ 25	-	$ -	-	$ -	$ 25
Arkla	1,427	$ 169	-	$ -	-	$ -	$ 169
Avant Utilities	87	$ 10	-	$ -	-	$ -	$ 10
Billings	184	$ 22	-	$ -	-	$ -	$ 22
Burlington	91	$ 11	-	$ -	-	$ -	$ 11
Cleveland	1,333	$ 158	-	$ -	-	$ -	$ 158
Copan Public Works	256	$ 30	-	$ -	-	$ -	$ 30
Danville	25	$ 3	-	$ -	-	$ -	$ 3
Gate	57	$ 7	-	$ -	-	$ -	$ 7
Kechi	271	$ 32	-	$ -	-	$ -	$ 32
Orlando	58	$ 7	-	$ -	-	$ -	$ 7
Peoples Nat Gas	314	$ 37	-	$ -	-	$ -	$ 37
Rural Gas Dist. #1 of Osage Co.	13	$ 2	-	$ -	-	$ -	$ 2
Viola	56	$ 7	-	$ -	-	$ -	$ 7
Wakita	181	$ 21	-	$ -	-	$ -	$ 21
Freedom	-	$ -	-	$ -	-	$ -	$ -
KMGA	147	$ 17	-	$ -	-	$ -	$ 17
Totals	4,708	$ 559	-	$ -	-	$ -	$ 559
Market Area							
Altamont	-	$ -	603	$ 3	603	$ 6	$ 9
Denison	-	$ -	-	$ -	-	$ -	$ -
Eckert	-	$ -	25	$ 0	25	$ 0	$ 0
Flint Hills	-	$ -	32	$ 0	32	$ 0	$ 0
Granby	-	$ -	657	$ 3	657	$ 7	$ 10
Hamilton	-	$ -	107	$ 1	107	$ 1	$ 2
Howard	-	$ -	424	$ 2	424	$ 4	$ 6
Lebo	-	$ -	232	$ 1	232	$ 2	$ 3
McLouth	-	$ -	336	$ 2	336	$ 3	$ 5
Neodesha	-	$ -	2,000	$ 10	2,000	$ 20	$ 30
Olivet	-	$ -	25	$ 0	25	$ 0	$ 0
Oronogo	-	$ -	65	$ 0	65	$ 1	$ 1
Reading	-	$ -	91	$ 0	91	$ 1	$ 1
Wann Public Works	-	$ -	52	$ 0	52	$ 1	$ 1
KMGA	-	$ -	67	$ 0	67	$ 1	$ 1
Totals	-		4,716	$ 23	4,716	$ 47	$ 70

FINAL

SCHEDULE 2

PODB Penalties by

Penalty Period & Category

Williams Gas Pipelines Central
PODB Penalties by PODB Period,
Penalty Type and Shipper

PODB Period	Penalty Type	Penalty Day(s)	Penalty	Interest	Total Paid	Payment Date	Interest thru 04/25/03	Total
Jan. 19 -20, 1996								
	Receipt Operator	Jan. 19 -20	$ 46,815	$ 5,502	$ 52,317	3/	$ 27,799	$ 80,116
	Receipt Operator	Jan. 19 -20	$ 5,150	$ -	$ 5,150	12/22/97	$ 2,514	$ 7,664
			$ 51,965	$ 5,502	$ 57,467		$ 30,313	$ 87,780
	MDTQ - TSS-P	Jan. 19	$ 814	$ -	$ 814	03/09/99	$ 274	$ 1,088
	MDTQ - TSS-P	Jan. 20	$ 318	$ -	$ 318	03/10/99	$ 110	$ 428
Jan. 31 - Feb. 4, 1996								
	Receipt Operator	Jan. 31 - Feb. 4	$ 170,041	$ 18,986	$ 189,026	07/15/97	$ 102,790	$ 291,816
	MDTQ - STS-P	Feb. 3	$ 1,336	$ -	$ 1,336	2/	$ 714	$ 2,050
	MDTQ - TSS-P	Jan. 31	$ 796	$ -	$ 796	03/10/99	$ 274	$ 1,070
	MDTQ - TSS-P	Feb. 1	$ 790	$ -	$ 790	03/10/99	$ 272	$ 1,062
	MDTQ - TSS-P	Feb. 2	$ 743	$ -	$ 743	03/10/99	$ 256	$ 999
	MDTQ - TSS-P	Feb. 3	$ 714	$ -	$ 714	03/10/99	$ 246	$ 960
	MDTQ - TSS-P	Feb. 4	$ 678	$ -	$ 678	03/10/99	$ 234	$ 912
	MDTQ - TSS-M	Jan. 31	$ 1,638	$ -	$ 1,638	1/	$ 882	$ 2,520
	MDTQ - TSS-M	Feb. 1	$ -	$ -	$ -		$ -	$ -
	MDTQ - TSS-M	Feb. 2	$ 3,523	$ -	$ 3,523	1/	$ 1,897	$ 5,420
	MDTQ - TSS-M	Feb. 3	$ 6,351	$ -	$ 6,351	1/	$ 3,421	$ 9,772
	MDTQ - TSS-M	Feb. 4	$ -	$ -	$ -		$ -	$ -
	MDWQ - TSS-M	Jan. 31	$ 4,195	$ -	$ 4,195	1/	$ 2,259	$ 6,454
	MDWQ - TSS-M	Feb. 1	$ -	$ -	$ -		$ -	$ -
	MDWQ - TSS-M	Feb. 2	$ 6,103	$ -	$ 6,103	1/	$ 3,287	$ 9,390
	MDWQ - TSS-M	Feb. 3	$ 8,978	$ -	$ 8,978	1/	$ 4,836	$ 13,814
	MDWQ - TSS-M	Feb. 4	$ 1,037	$ -	$ 1,037	1/	$ 558	$ 1,595
	Storage Depletion - TSS-M	Jan. 31	$ 26,817	$ -	$ 26,817	1/	$ 14,444	$ 41,261
	Storage Depletion - TSS-M	Feb. 1	$ 25,804	$ -	$ 25,804	1/	$ 13,898	$ 39,702
	Storage Depletion - TSS-M	Feb. 2	$ 36,715	$ -	$ 36,715	1/	$ 19,775	$ 56,490
	Storage Depletion - TSS-M	Feb. 3	$ 39,589	$ -	$ 39,589	1/	$ 21,323	$ 60,912
	Storage Depletion - TSS-M	Feb. 4	$ 31,648	$ -	$ 31,648	1/	$ 17,046	$ 48,694

Williams Gas Pipelines Central
PODB Penalties by PODB Period,
Penalty Type and Shipper

PODB Period	Penalty Type	Penalty Day(s)	Penalty	Interest	Total Paid	Payment Date	Interest thru 04/25/03	Total
Dec. 18 - 19, 1996								
	Receipt Operator	Dec. 18 - 19	$ 23,689	$ -	$ 23,689	07/25/97	$ 12,799	$ 36,488
	Receipt Operator	Dec. 18 - 19	$ 15,000	$ -	$ 15,000	08/31/01	$ 1,365	$ 16,365
	Receipt Operator	Dec. 18 - 19	$ 1,406	$ 13	$ 1,419	07/14/97	$ 772	$ 2,191
	Receipt Operator	Dec. 18 - 19	$ 21,460	$ -	$ 21,460	08/04/97	$ 11,519	$ 32,979
			$ 61,555	$ 13	$ 61,568		$ 26,455	$ 88,023
	Delivery Operator	Dec. 18 - 19	$ 2,421	$ -	$ 2,421	06/02/97	$ 1,353	$ 3,774
	Delivery Operator	Dec. 18 - 19	$ 20,128	$ 717	$ 20,845	11/01/97	$ 10,542	$ 31,387
	Delivery Operator	Dec. 18 - 19	$ 5,648	$ -	$ 5,648	05/22/97	$ 3,178	$ 8,826
			$ 28,197	$ 717	$ 28,914		$ 15,073	$ 43,987
	MDWQ - TSS-M	Dec. 18	$ 630	$ -	$ 630	05/21/97	$ 355	$ 985
	MDWQ - TSS-M	Dec. 18	$ 6,315	$ -	$ 6,315	05/22/97	$ 3,553	$ 9,868
		Dec. 18	$ 6,945	$ -	$ 6,945		$ 3,908	$ 10,853
	MDWQ - TSS-M	Dec. 19	$ 720	$ -	$ 720	05/22/97	$ 405	$ 1,125
Jan. 9 - 13, 1997								
	Receipt Operator	Jan. 9 - 13	$ 10,521	$ -	$ 10,521	05/30/97	$ 5,891	$ 16,412
	Delivery Operator	Jan. 9 - 13	$ 15,239	$ -	$ 15,239	06/02/97	$ 8,516	$ 23,755
	Delivery Operator	Jan. 9 - 13	$ 185,977	$ 6,620	$ 192,597	11/01/97	$ 97,405	$ 290,002
			$ 201,217	$ 6,620	$ 207,837		$ 105,921	$ 313,758
	MDTQ - TSS-P	Jan. 9	$ 405	$ -	$ 405	05/20/97	$ 228	$ 633
	MDTQ - TSS-P	Jan. 10	$ 435	$ -	$ 435	05/20/97	$ 245	$ 680
	MDTQ - TSS-P	Jan. 11	$ 420	$ -	$ 420	05/20/97	$ 237	$ 657
	MDTQ - TSS-P	Jan. 12	$ 630	$ -	$ 630	05/20/97	$ 355	$ 985
	MDTQ - TSS-P	Jan. 13	$ 405	$ -	$ 405	05/20/97	$ 228	$ 633
	MDTQ - TSS-M	Jan. 10	$ 780	$ -	$ 780	05/21/97	$ 439	$ 1,219
	MDTQ - TSS-M	Jan. 10	$ 14,220	$ 506	$ 14,726	11/01/97	$ 7,448	$ 22,174
			$ 15,000	$ 506	$ 15,506		$ 7,887	$ 23,393

Williams Gas Pipelines Central
PODB Penalties by PODB Period,
Penalty Type and Shipper

PODB Period	Penalty Type	Penalty Day(s)	Penalty	Interest	Total Paid	Payment Date	Interest thru 04/25/03	Total
	MDWQ - STS-P	Jan. 9	$ 360	$ 1	$ 361	06/30/97	$ 198	$ 559
	MDWQ - STS-M	Jan. 11	$ 15	$ -	$ 15	08/11/97	$ 8	$ 23
	MDWQ - STS-M	Jan. 13	$ 30	$ 1	$ 31	08/11/97	$ 16	$ 47
	MDWQ - TSS-P	Jan. 10	$ 30	$ -	$ 30	05/20/97	$ 17	$ 47
	MDWQ - TSS-P	Jan. 11	$ 15	$ -	$ 15	05/20/97	$ 8	$ 23
	MDWQ - TSS-P	Jan. 12	$ 225	$ -	$ 225	05/20/97	$ 127	$ 352
	MDWQ - TSS-M	Jan. 10	$ 3,780	$ -	$ 3,780	05/21/97	$ 2,128	$ 5,908
	MDWQ - TSS-M	Jan. 10	$ 20,655	$ 735	$ 21,390	11/01/97	$ 10,818	$ 32,208
			$ 24,435	$ 735	$ 25,170		$ 12,946	$ 38,116
Jan. 17, 1997								
	Receipt Operator	Jan. 17	$ 8,439	$ -	$ 8,439	05/30/97	$ 4,725	$ 13,164
	MDWQ - TSS-M	Jan. 17	$ 49,050	$ 1,746	$ 50,796	11/01/97	$ 25,690	$ 76,486
Total Penalties			$ 829,640	$ 34,827	$ 864,467		$ 449,677	$ 1,314,144

1/ Payments received as follows:

$ 130,303.16	04/03/97
$ 210.59	06/04/97
$ 28,379.68	01/31/98
$ 33,504.24	05/31/98
$ 192,397.67	

2/ Payments received as follows:

$ 1,188.91	06/03/97
$ 147.00	03/09/99
$ 1,335.91	

3/ Payments received as follows:

$ 18,732.56	4/14/1997
$ 2.85	6/4/1997
$ 33,581.31	10/30/1997
$ 52,316.72	

AQUILA, INC. DBA AQUILA NETWORKS
7101 MERCY RD STE 400
OMAHA NE 68106-2618

NO. 502853

DETACH THIS STATEMENT AND RETAIN FOR YOUR FILES

007921 001 A AQUILA NETWORKS

01/30/03 502853

INVOICE NUMBER	DATE	VOUCHER NO.	P.O./ CONTRACT NO.	GROSS	DISCOUNT	NET
1/27/03	01/27/03	0719849		1,547.00	0.00	1,547.00
RP93-109-017 ENV INS REFUND			*TOTAL*	1,547.00	0.00	1,547.00

229001 allocate between KS & MO
KR

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM

SOUTHERN STAR CENTRAL GAS PIPELINE, INC.
P. O. BOX 20010
Owensboro, Kentucky 42304
(270) 852-5000

NO. 502853

DATE	AMOUNT
01/30/03	******$1,547.00

PAY PAY ONLY 1547 00 CTS CTS

TO THE ORDER OF AQUILA, INC. DBA AQUILA NETWORKS
7101 MERCY RD STE 400
OMAHA NE 68106-2618

BY: Susanne W. Harris

BY: ______________

FLEET MAINE, N.A.
SOUTH PORTLAND, ME

VOID OVER $1,547.00

NOT VALID AFTER 60 DAYS

⑈502853⑈ ⑆011201539⑆ 80 025 354⑈

Southern Star Central
Gas Pipeline, Inc.

P.O. Box 20010
3800 Frederica St.
Owensboro, Kentucky 42304
Tel. 270/852-5000

Daryl R. Johnson
Director, Rates & Regulatory
Phone: (270)852-4650
Fax: (270)852-5010

January 31, 2003

Dear Customer:

On December 17, 2002, Southern Star Central Gas Pipeline, Inc. (Southern Star) formerly Williams Gas Pipelines Central, Inc. filed, pursuant to Article III, Paragraph D of the Stipulation & Agreement dated January 31, 2001 in Docket No. RP93-109-017, its Refund Report of third-party environmental proceeds received during the twelve months ended September 30, 2002. By letter order dated January 23, 2003, the Commission approved Southern Star's filing.

Southern Star is refunding a total of $17,686 to its customers. Enclosed please find a check representing your portion of Southern Star's refund related to third-party environmental proceeds. Also enclosed is a schedule reflecting the allocation by customer of the total principal and interest related to third-party environmental proceeds. Interest has been calculated through January 31, 2003.

If you have any questions related to your refund, please contact me by phone at (270) 852-4650 or by e-mail at daryl.r.johnson@sscgp.com.

Sincerely,

Enclosures

Southern Star Central Gas Pipeline, Inc.
Calculation of Refunds Related to Insurance Proceeds
Pursuant to Article III, Paragraph D, of the Stipulation Agreement
Dated January 31, 2001 In Docket No. RP93-109-017

Shipper		12-Mos. Ending Sep. 30, 2002 Revenue 1/	Percentage		Allocated Amount
ACME BRICK COMPANY	$	79,022	0.0536%	$	9
AFG INDUSTRIES INC	$	142,166	0.0965%	$	17
AG PROCESSING INC	$	10,662	0.0072%	$	1
ALTAMONT KANSAS, CITY OF	$	44,682	0.0303%	$	5
AMERICUS GAS COMPANY, INC.	$	29,900	0.0203%	$	4
AQUILA MERCHANT SERVICES, INC.	$	396,094	0.2687%	$	48
AQUILA, INC. D/B/A AQUILA NETWORKS	$	12,891,838	8.7464%	$	1,547
ARGONIA KANSAS, CITY OF	$	18,227	0.0124%	$	2
ATMOS ENERGY CORPORATION	$	5,925,231	4.0200%	$	711
ATMOS ENERGY CORPORATION	$	1,670,932	1.1336%	$	200
AUBURN KANSAS, CITY OF	$	97,791	0.0663%	$	12
AVANT UTILITIES AUTHORITY	$	9,503	0.0064%	$	1
BAYER CORPORATION	$	42,270	0.0287%	$	5
BILLINGS PUBLIC WORKS	$	15,297	0.0104%	$	2
BP ENERGY COMPANY	$	523,610	0.3552%	$	63
BURLINGTON OKLAHOMA, CITY OF	$	6,785	0.0046%	$	1
CENTRAL MO STATE UNIVERSITY	$	42,650	0.0289%	$	5
CERTAINTEED CORPORATION	$	177,653	0.1205%	$	21
CHANUTE KANSAS, CITY OF	$	265,553	0.1802%	$	32
CITY UTILITIES OF SPRINGFIELD, MISSOURI	$	5,399,261	3.6631%	$	648
CLEVELAND OKLAHOMA, CITY OF	$	106,429	0.0722%	$	13
CMS FIELD SERVICES, INC.	$	41,684	0.0283%	$	5
CMS MARKETING, SERVICES & TRADING	$	235,077	0.1595%	$	28
COMMISSIONERS OF THE LAND OFFICE OF OK	$	10,550	0.0072%	$	1
CONAGRA TRADE GROUP, INC.	$	36,891	0.0250%	$	4
COPAN PUBLIC WORKS AUTHORITY	$	14,612	0.0099%	$	2
DENISON KANSAS, CITY OF	$	5,566	0.0038%	$	1
DENNIS LANGLEY	$	2,096	0.0014%	$	-
DRUMRIGHT GAS AUTHORITY	$	51,950	0.0352%	$	6
DUKE ENERGY FIELD SERVICES, LP	$	174,551	0.1184%	$	21
DUKE ENERGY FUELS, L.L.C.	$	2,638,011	1.7898%	$	317
ECKERT GAS COMPANY	$	2,505	0.0017%	$	-
EMPIRE DISTRICT ELECTRIC CO	$	5,371,390	3.6442%	$	645
ENERGY ONE VENTURES, LP	$	112,178	0.0761%	$	13
EXCEL CORPORATION	$	8,446	0.0057%	$	1
EXCEL CORPORATION	$	23,520	0.0160%	$	3
FAG BEARING CORPORATION	$	10,619	0.0072%	$	1
FARMLAND INDUSTRIES, INC.	$	54,484	0.0370%	$	7
FIDELITY EXPLORATION & PRODUCTION CO	$	554,131	0.3759%	$	66
FLINT HILLS GAS CO., INC.	$	1,696	0.0012%	$	-
FORD KS, CITY OF	$	11,047	0.0075%	$	1
FREEDOM MUNICIPAL TRUST AUTHORITY	$	13,129	0.0089%	$	2
GENERAL MOTORS CORPORATION	$	450,566	0.3057%	$	54
GRANBY MISSOURI, CITY OF	$	44,893	0.0305%	$	5
GROVE MUNICIPAL SERVICES AUTHORITY	$	572,815	0.3886%	$	69
HAMILTON KANSAS, CITY OF	$	10,102	0.0069%	$	1
HEARTLAND CEMENT COMPANY	$	25,955	0.0176%	$	3
HOWARD KANSAS, CITY OF	$	16,981	0.0115%	$	2

Southern Star Central Gas Pipeline, Inc.
Calculation of Refunds Related to Insurance Proceeds
Pursuant to Article III, Paragraph D, of the Stipulation Agreement
Dated January 31, 2001 In Docket No. RP93-109-017

Shipper		12-Mos. Ending Sep. 30, 2002 Revenue 1/	Percentage		Allocated Amount
INTERNATIONAL PAPER CO.	$	20,541	0.0139%	$	2
IOLA KANSAS, CITY OF	$	334,317	0.2268%	$	40
JAYHAWK FINE CHEMICALS CORPORATION	$	10,662	0.0072%	$	1
KANSAS CITY POWER AND LIGHT COMPANY	$	59,188	0.0402%	$	7
KANSAS CITY POWER AND LIGHT COMPANY	$	693,842	0.4707%	$	83
KANSAS GAS SERVICE CO., A DIV. ONEOK INC	$	39,993,337	27.1334%	$	4,800
KANSAS INDUSTRIAL ENERGY SUPPLY COMPANY	$	483,831	0.3283%	$	58
KANSAS MUNICIPAL GAS AGENCY	$	1,132,014	0.7680%	$	136
LACLEDE GAS COMPANY	$	2,979,019	2.0211%	$	357
LEANN GAS COMPANY	$	174,678	0.1185%	$	21
LEBO KANSAS, CITY OF	$	9,310	0.0063%	$	1
LIBERAL MISSOURI, CITY OF	$	23,000	0.0156%	$	3
MANNFORD PUBLIC WORKS AUTHORITY	$	109,535	0.0743%	$	13
MARSHALL MUNICIPAL UTILITIES	$	5,473	0.0037%	$	1
MCLOUTH KANSAS, CITY OF	$	15,426	0.0105%	$	2
MIDWEST ENERGY, INC.	$	761,930	0.5169%	$	91
MIDWEST UNITED ENERGY, LLC	$	83,120	0.0564%	$	10
MIRACLE RECREATION EQUIPMENT COMPANY	$	52,750	0.0358%	$	6
MISSOURI GAS ENERGY, DIV OF SOUTH UNION	$	45,888,890	31.1332%	$	5,507
MULBERRY KANSAS, CITY OF	$	19,033	0.0129%	$	2
NEBRASKA PUBLIC GAS AGENCY	$	450,753	0.3058%	$	54
NEODESHA KANSAS, CITY OF	$	103,374	0.0701%	$	12
OKLAHOMA NATURAL GAS COMPANY	$	3,590,087	2.4357%	$	431
ONEOK ENERGY MARKETING AND TRADING	$	1,055,805	0.7163%	$	127
ORLANDO OKLAHOMA, TOWN OF	$	4,483	0.0030%	$	1
ORONOGO MISSOURI, CITY OF	$	6,435	0.0044%	$	1
PANHANDLE NATURAL GAS, INC.	$	4,024	0.0027%	$	-
PCS NITROGEN FERTILIZER	$	4,443	0.0030%	$	1
PITTSBURGH CORNING CORPORATION	$	147,701	0.1002%	$	18
PLATTSBURG MISSOURI, CITY OF	$	118,725	0.0805%	$	14
PUBLIC SERVICE CO. OF COLORADO	$	16,142	0.0110%	$	2
QUESTAR ENERGY TRADING COMPANY	$	346,332	0.2350%	$	42
READING KANSAS, CITY OF	$	8,221	0.0056%	$	1
RELIANT ENERGY ARKLA, A DIV OF RELIANT	$	94,354	0.0640%	$	11
RELIANT ENERGY ARKLA, A DIV OF RELIANT	$	4,745	0.0032%	$	1
RURAL GAS DISTRICT NO. 1 OF OSAGE COUNTY	$	2,063	0.0014%	$	-
SEVERY GAS CO.	$	11,510	0.0078%	$	1
SOUTHERN MISSOURI GAS COMPANY L. P.	$	1,051,634	0.7135%	$	126
TALBOT INDUSTRIES INC	$	6,358	0.0043%	$	1
TENASKA GAS STORAGE, LLC	$	186,124	0.1263%	$	22
THE LAWRENCE PAPER COMPANY	$	31,845	0.0216%	$	4
TXU ENERGY TRADING COMPANY LP	$	6,358	0.0043%	$	1
TYSON FOODS INC	$	369,322	0.2506%	$	44
UNITED STATES GYPSUM COMPANY	$	200,075	0.1357%	$	24
UNITED STATES GYPSUM COMPANY	$	60,296	0.0409%	$	7
VIOLA KANSAS, CITY OF	$	4,707	0.0032%	$	1
VULCAN CHEMICALS	$	141,974	0.0963%	$	17
WAKITA UTILITIES AUTHORITY	$	15,827	0.0107%	$	2

Southern Star Central Gas Pipeline, Inc.
Calculation of Refunds Related to Insurance Proceeds
Pursuant to Article III, Paragraph D, of the Stipulation Agreement
Dated January 31, 2001 In Docket No. RP93-109-017

Shipper	12-Mos. Ending Sep. 30, 2002 Revenue 1/	Percentage	Allocated Amount
WANN PUBLIC WORKS AUTHORITY	$ 6,185	0.0042%	$ 1
WESTERN RESOURCES, INC.	$ 2,993,654	2.0310%	$ 359
WHEATON NATURAL GAS SYSTEMS	$ 47,718	0.0324%	$ 6
WILLIAMS ENERGY MARKETING & TRADING CO.	$ 5,063,290	3.4352%	$ 608
Totals	$ 147,395,460	100.0000%	$ 17,686

1/ Includes firm transportation and firm storage reservation revenues for the twelve months ended September 30, 2002.

AQUILA, INC. DBA AQUILA NETWORKS
7101 MERCY RD STE 400
OMAHA NE 68106-2618

NO. 503042

DETACH THIS STATEMENT AND RETAIN FOR YOUR FILES
007921 001 A AQUILA NETWORKS
02/27/03 503042

INVOICE NUMBER	DATE	VOUCHER NO.	P.O./ CONTRACT NO.	GROSS	DISCOUNT	NET
02/18/03	02/18/03	0728262		116,233.48	0.00	116,233.48
CASH-OUT REFUND						
			TOTAL	116,233.48	0.00	116,233.48

190-229001-5191-103

*Mailed to Karla Tartaglia 3/10/03

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM

SOUTHERN STAR CENTRAL GAS PIPELINE, INC
P.O. BOX 20010
Owensboro, Kentucky 42304
(270) 852-5000

NO. 503042

DATE	AMOUNT
02/27/03	***$116,233.48

PAY PAY ONLY 116,233 48 CTS

TO THE ORDER OF AQUILA, INC. DBA AQUILA NETWORKS
7101 MERCY RD STE 400
OMAHA NE 68106-2618

BY: Susanne W. Harris

BY:

FLEET MAINE, N.A.
SOUTH PORTLAND, ME

VOID OVER $116,233.48

NOT VALID AFTER 60 DAYS

⑈503042⑈ ⑆011201539⑆ 80 025 354⑈

Southern Star Central
Gas Pipeline, Inc.

P.O. Box 20010
3800 Frederica St.
Owensboro, Kentucky 42304
Tel. 270/852-5000

Daryl R. Johnson
Director, Rates & Regulatory
Phone: (270)852-4650
Fax: (270)852-5010

February 28, 2003

Dear Shipper:

On December 14, 2001, Southern Star Central Gas Pipeline, Inc. (Southern Star) formerly Williams Gas Pipelines Central, Inc. filed, pursuant to Article 9.8 (d) of the General Terms and Conditions of its FERC Gas Tariff., a report of costs, revenues and proposed refunds related to cash-outs for the period October 1, 2000 through September 30, 2001. By letter order dated February 6, 2003, the Commission approved Williams filing.

Enclosed please find a check representing your portion of Southern Star's refund related to cash-out activity. Also enclosed is a schedule reflecting the allocation by shipper of the total principal and interest related to cash-out activity. Although the checks are dated February 27th, interest has been calculated through February 28, 2003.

If you have any questions related to your refund, please contact me by phone at (270) 852-4650 or by e-mail at daryl.r.johnson@sscgp.com.

Sincerely,

Enclosures

WILLIAMS GAS PIPELINES CENTRAL, INC.
Cash-Out Refund Report
For the Period 10/00 thru 09/01
Interest Calculated Thru February 28, 2003

Schedule C

NAME	DTH	PERCENT ALLOCATION	REFUND AMOUNT	INTEREST	REFUND WITH INTEREST
ACME BRICK	366,291	0.0006577	$1,377.32	$144.12	$1,521.44
AFG INDUSTRIES	1,471,965	0.0026429	$5,534.89	$579.15	$6,114.04
AG PROCESSING INC	477,019	0.0008565	$1,793.69	$187.68	$1,981.37
ALTAMONT MUNICIPAL GAS AUTHORITY	136,962	0.0002459	$515.00	$53.89	$568.89
AMERICAN WARRIO	2,346	0.0000042	$8.82	$0.92	$9.74
AMERICUS GAS COMPANY, INC.	72,689	0.0001305	$273.32	$28.60	$301.92
AMOCO PRODUCTION COMPANY	93,085	0.0001671	$350.02	$36.62	$386.64
ANADARKO ENERGY	3,695,282	0.0066348	$13,895.03	$1,453.91	$15,348.94
ANADARKO PETRO	224,578	0.0004032	$844.46	$88.36	$932.82
AQUILA ENERGY MARKETING CORPORATION	9,496,189	0.0170501	$35,707.65	$3,736.28	$39,443.93
AQUILA ENERGY TRADING	718,344	0.0012898	$2,701.12	$282.63	$2,983.75
ARGONIA, KANSAS CITY OF	30,986	0.0000556	$116.50	$12.19	$128.69
AUBURN KANSAS, CITY OF	221,547	0.0003978	$833.06	$87.17	$920.23
AURORA NATURAL GAS & ASSOC	531,250	0.0009538	$1,997.61	$209.02	$2,206.63
AVANT UTILITIES AUTHORITY	17,349	0.0000312	$65.24	$6.83	$72.07
BAYER CORPORATION	282,634	0.0005075	$1,062.76	$111.20	$1,173.96
BILLINGS PUBLIC WORKS	25,218	0.0000453	$94.83	$9.92	$104.75
BP ENERGY CO	2,660,964	0.0047777	$10,005.78	$1,046.96	$11,052.74
BURLINGTON, OKLAHOMA CITY OF	10,756	0.0000193	$40.44	$4.23	$44.67
CARGILL INC	530,527	0.0009525	$1,994.89	$208.74	$2,203.63
CENTRAL MISSOURI UNIVERSITY	439,521	0.0007891	$1,652.68	$172.93	$1,825.61
CERTAINTEED CORPORATION	3,755,921	0.0067436	$14,123.05	$1,477.77	$15,600.82
CITY UTILITIES OF SPRINGFIELD, MISSOURI	18,748,497	0.0336623	$70,498.25	$7,376.61	$77,874.86
CLEVELAND OKLAHOMA, CITY OF	159,078	0.0002856	$598.17	$62.59	$660.76
CMS FIELD SERVICES	2,219,957	0.0039859	$8,347.51	$873.44	$9,220.95
COMM OF LAND OFFICE - OK	69,241	0.0001243	$260.36	$27.24	$287.60
CONAGRA ENERGY SERVICES, INC.	228,107	0.0004096	$857.73	$89.75	$947.48
CONOCO INC.	690,397	0.0012396	$2,596.03	$271.64	$2,867.67
COPAN PUBLIC WORKS AUTHORITY	45,028	0.0000809	$169.32	$17.72	$187.04
COTTON VALLEY COMPRESSION	514,204	0.0009232	$1,933.52	$202.31	$2,135.83
CUSHING CLUB	223	0.0000004	$0.84	$0.09	$0.93
DENISON KANSAS, CITY OF	20,443	0.0000367	$76.86	$8.04	$84.90
DUKE ENERGY FLD	408,689	0.0007338	$1,536.76	$160.80	$1,697.56
DUKE ENERGY FUELS	14,347,363	0.0257602	$53,949.06	$5,644.98	$59,594.04
DUKE ENERGY LLC	1,043,101	0.0018729	$3,922.27	$410.41	$4,332.68
ECKERT GAS COMPANY	8,500	0.0000153	$31.96	$3.34	$35.30

WILLIAMS GAS PIPELINES CENTRAL, INC.
Cash-Out Refund Report
For the Period 10/00 thru 09/01
Interest Calculated Thru February 28, 2003

NAME	DTH	PERCENT ALLOCATION	REFUND AMOUNT	INTEREST	REFUND WITH INTEREST
EL PASO MERCHA	562,775	0.0010104	$2,116.14	$221.42	$2,337.56
EMPIRE DISTRICT ELECTRIC	15,845,069	0.0284493	$59,580.75	$6,234.26	$65,815.01
ENBRIDGE MKT	244,228	0.0004385	$918.34	$96.09	$1,014.43
ENERGY DYNAMICS, INC.	20,186	0.0000362	$75.90	$7.94	$83.84
ENERGY ONE	8,968,458	0.0161026	$33,723.27	$3,528.65	$37,251.92
ENGAGE ENERGY	588,092	0.0010559	$2,211.35	$231.39	$2,442.74
ENRON ENERGY M	511,484	0.0009184	$1,923.28	$201.24	$2,124.52
ENSERCO ENERGY	2,305,292	0.0041391	$8,668.37	$907.02	$9,575.39
EXCEL CORPORATION	890,035	0.0015980	$3,346.72	$350.19	$3,696.91
FAG BEARING	67,474	0.0001212	$253.72	$26.55	$280.27
FARMLAND INDUSTRIES, INC.	24,189,932	0.0434322	$90,959.18	$9,517.55	$100,476.73
FIDELITY EXPLO	2,408,400	0.0043242	$9,056.09	$947.59	$10,003.68
FLINT HILLS GAS CO., INC.	5,232	0.0000094	$19.67	$2.06	$21.73
FORD KANSAS, CITY OF	37,406	0.0000672	$140.65	$14.72	$155.37
FREEDOM MUNICIPAL TRUST	22,381	0.0000402	$84.15	$8.80	$92.95
GATE OKLAHOMA, TOWN OF	6,969	0.0000125	$26.20	$2.74	$28.94
GEARYENERGY	1,097,301	0.0019702	$4,126.09	$431.73	$4,557.82
GENERAL MOTORS CORPORATION	1,697,837	0.0030484	$6,384.22	$668.02	$7,052.24
GRANBY MISSOURI, CITY OF	159,446	0.0002863	$599.55	$62.73	$662.28
GREELEY GAS COMPANY,	4,592,108	0.0082450	$17,267.28	$1,806.77	$19,074.05
GREELEY GAS COMPANY,	24,187,329	0.0434275	$90,949.38	$9,516.52	$100,465.90
GROVE MUNICIPAL SERVICES AUTHORITY	1,308,154	0.0023488	$4,918.94	$514.70	$5,433.64
GST STEEL	1,336,268	0.0023992	$5,024.64	$525.76	$5,550.40
HAMILTON KANSAS, CITY OF	21,541	0.0000387	$81.01	$8.48	$89.49
HEARTLAND CEMENT	162,338	0.0002915	$610.42	$63.87	$674.29
HOWARD KANSAS, CITY OF	56,506	0.0001015	$212.46	$22.23	$234.69
INDUSTRIAL GAS	19,639	0.0000353	$73.84	$7.73	$81.57
INTL PAPER	123,582	0.0002219	$464.70	$48.62	$513.32
IOLA KANSAS, CITY OF	1,152,080	0.0020685	$4,332.06	$453.29	$4,785.35
JAYHAWK FINE C	86,585	0.0001555	$325.58	$34.07	$359.65
KANSAS CITY POWER & LIGHT	3,251,830	0.0058386	$12,227.56	$1,279.44	$13,507.00
KANSAS CITY POWER & LIGHT	11,811,479	0.0212071	$44,413.61	$4,647.24	$49,060.85
KANSAS GAS SERVICE	109,966,952	0.1974419	$413,498.66	$43,266.62	$456,765.28
KANSAS INDUSTRIALS	2,229,995	0.0040039	$8,385.25	$877.39	$9,262.64
KECHI	2,000	0.0000036	$7.52	$0.79	$8.31
KGM	4,194,339	0.0075308	$15,771.59	$1,650.27	$17,421.86
KANSAS MUNICIPAL GAS AGENCY	4,248,834	0.0076286	$15,976.49	$1,671.71	$17,648.20

Schedule C

WILLIAMS GAS PIPELINES CENTRAL, INC.
Cash-Out Refund Report
For the Period 10/00 thru 09/01
Interest Calculated Thru February 28, 2003

NAME	DTH	PERCENT ALLOCATION	REFUND AMOUNT	INTEREST	REFUND WITH INTEREST
LACLEDE GAS CO	16,289,638	0.0292475	$61,252.42	$6,409.17	$67,661.59
LANGLEY D	989	0.0000018	$3.73	$0.39	$4.12
LAWRENCE PAPER	172,560	0.0003098	$648.87	$67.89	$716.76
LEANN GAS COMPANY	313,117	0.0005622	$1,177.38	$123.20	$1,300.58
LEBO KANSAS, CITY OF	39,276	0.0000705	$147.69	$15.45	$163.14
LIBERAL MISSOURI, CITY OF	53,406	0.0000959	$200.82	$21.01	$221.83
MANNFORD PUBLIC WORKS AUTHORITY	140,516	0.0002523	$528.37	$55.29	$583.66
MARGASCO PARTNERSHIP	927,347	0.0016650	$3,487.02	$364.87	$3,851.89
MCLOUTH KANSAS, CITY OF	52,417	0.0000941	$197.09	$20.62	$217.71
MISSOURI GAS ENERGY	103,180,631	0.1852573	$387,980.67	$40,596.52	$428,577.19
MIDWEST ENERGY	1,246,252	0.0022376	$4,686.16	$490.34	$5,176.50
MIDWEST UNITED	646,138	0.0011601	$2,429.62	$254.22	$2,683.84
MILLENNIUM	981,554	0.0017624	$3,690.85	$386.19	$4,077.04
MIRACLE RECREAT	199,143	0.0003576	$748.81	$78.35	$827.16
MOUNTAIN ENERGY	683,881	0.0012279	$2,571.52	$269.07	$2,840.59
MULBERRY KANSAS, CITY OF	56,095	0.0001007	$210.94	$22.07	$233.01
NEBRASKA PUBLIC GAS AGENCY	1,032,499	0.0018538	$3,882.42	$406.24	$4,288.66
NEODESHA KANSAS CITY OF	261,605	0.0004697	$983.68	$102.93	$1,086.61
OGE	606,510	0.0010890	$2,280.61	$238.63	$2,519.24
OKLAHOMA NAT	6,130,220	0.0110066	$23,050.91	$2,411.94	$25,462.85
ONEOK ENERGY MARKETING & TRADING	26,179,009	0.0470035	$98,438.52	$10,300.15	$108,738.67
ORLANDO OKLAHOMA, TOWN OF	6,569	0.0000118	$24.69	$2.58	$27.27
ORONOGO MISSOURI, CITY OF	13,041	0.0000234	$49.03	$5.13	$54.16
PACIFIC GAS & ELECTRIC ENERGY TRADING	326,146	0.0005856	$1,226.37	$128.32	$1,354.69
PANENERGY	535,705	0.0009618	$2,014.36	$210.77	$2,225.13
PIONEER ENERGY	14,008	0.0000252	$52.67	$5.51	$58.18
PITTSBURGH CORNING	896,093	0.0016089	$3,369.49	$352.57	$3,722.06
PLATTSBURG MISSOURI, CITY OF	303,337	0.0005446	$1,140.61	$119.35	$1,259.96
POST ROCK GAS, INC.	1,045,989	0.0018780	$3,933.14	$411.55	$4,344.69
PUBLIC SERVICE COMPANY OF COLORADO	20,719	0.0000372	$77.91	$8.15	$86.06
QUESTAR / UNIVERSAL RESOURCES CORP.	1,815,498	0.0032597	$6,826.64	$714.31	$7,540.95
READING KANSAS, CITY OF	9,438	0.0000170	$35.50	$3.71	$39.21
RELIANT	155,779	0.0002797	$585.77	$61.29	$647.06
RELIANT	7,396	0.0000133	$27.81	$2.91	$30.72
RELIANT ENERGY	6,415,042	0.0115180	$24,121.90	$2,524.00	$26,645.90
RURAL GAS	3,320	0.0000060	$12.48	$1.31	$13.79
SALT PLAINS STO	2,501,548	0.0044914	$9,406.33	$984.24	$10,390.57

Enclosure 5

Schedule C

WILLIAMS GAS PIPELINES CENTRAL, INC.
Cash-Out Refund Report
For the Period 10/00 thru 09/01
Interest Calculated Thru February 28, 2003

NAME	DTH	PERCENT ALLOCATION	REFUND AMOUNT	INTEREST	REFUND WITH INTEREST
SEMINOLE ENERGY	1,862,833	0.0033447	$7,004.63	$732.93	$7,737.56
SEVERY GAS CO.	33,294	0.0000598	$125.20	$13.10	$138.30
SOUTHERN MISSOURI GAS	2,002,053	0.0035946	$7,528.14	$787.71	$8,315.85
TALBOT INDUSTRIES	34,004	0.0000611	$127.86	$13.38	$141.24
TENASKA GAS	474,038	0.0008511	$1,782.48	$186.51	$1,968.99
TENASKA MARKETING	5,675,853	0.0101908	$21,342.39	$2,233.17	$23,575.56
TENASKA MARKETING INC	594,250	0.0010670	$2,234.51	$233.81	$2,468.32
TERRA NITRO LTD	441,071	0.0007919	$1,658.52	$173.54	$1,832.06
TEXACO NATURAL	337,789	0.0006065	$1,270.16	$132.90	$1,403.06
TXU ENERGY	9,906,937	0.0177876	$37,252.14	$3,897.89	$41,150.03
TYSON	1,173,684	0.0021073	$4,413.30	$461.79	$4,875.09
UNICOM ENERGY	16,208	0.0000291	$60.94	$6.38	$67.32
US GYPSUM	450,045	0.0008080	$1,692.26	$177.07	$1,869.33
US GYPSUM	659,929	0.0011849	$2,481.47	$259.65	$2,741.12
US GYPSUM	30,180	0.0000542	$113.49	$11.87	$125.36
UTILICORP UNITED, GAS SUPPLY SERVICES	27,983,397	0.0502432	$105,223.39	$11,010.09	$116,233.48
VIOLA KANSAS, CITY OF	8,575	0.0000154	$32.25	$3.37	$35.62
VULCAN CHEMICAL	2,639,115	0.0047384	$9,923.62	$1,038.36	$10,961.98
WAKITA UTILITIES AUTHORITY	25,618	0.0000460	$96.34	$10.08	$106.42
WANN PUBLIC WORKS AUTHORITY	11,780	0.0000212	$44.29	$4.63	$48.92
WESTERN GAS RS	969	0.0000017	$3.64	$0.38	$4.02
WESTERN RESOURCES	10,709,166	0.0192279	$40,268.70	$4,213.53	$44,482.23
WHEATON NATURAL GAS	133,270	0.0002393	$501.12	$52.43	$553.55
WILLIAMS ENERGY	25,099,772	0.0450658	$94,380.35	$9,875.53	$104,255.88
WILLIAMS GSR	176,897	0.0003176	$665.16	$69.60	$734.76
WOODWARD MKT	1,071,670	0.0019242	$4,029.71	$421.65	$4,451.36
TOTAL CASH-OUT REFUND	556,958,635	1.0000000	$2,094,280.29	$219,135.86	$2,313,416.15

	Cashout	MPS	MPS-RG3/KCl	MPS-GW	KPS	NORAM	PN	EOV	UCU	SJLP	BPU	ARIES	WP	Totals
Oct-01	$2,216.23	$296,811.07	$646.87	$51,744.92	$237,304.93	$0.00	$46,270.51	$0.00	$0.00	$5,969.99	$0.00	$509,184.53	$6,291.97	$1,154,224.79
Nov-01	($2,216.23)	$358,786.20	$0.00	$53,817.48	$236,893.89	$0.00	$47,073.64	$0.00	$0.00	$3,876.55	$0.00	$248,674.37	$14,055.97	$963,158.10
Dec-01	$0.00	$352,131.54	$0.00	$52,615.05	$239,623.52	$0.00	$65,263.41	$0.00	$0.00	$7,961.85	$0.00	$224,360.40	$13,842.35	$955,798.12
Jan-02	$0.00	$347,004.26	$0.00	$53,165.27	$228,552.00	$0.00	$82,467.18	$0.00	$0.00	$3,844.19	$0.00	$303,966.87	$14,772.51	$1,033,772.28
Feb-02	$0.00	$346,993.75	$0.00	$61,370.92	$228,467.69	$0.00	$68,356.30	$0.00	$0.00	$7,737.55	$0.00	$309,486.87	$13,950.09	$1,036,363.17
Mar-02	$0.00	$352,579.95	$0.00	$57,409.73	$233,020.72	$0.00	$66,659.54	$0.00	$0.00	$8,242.26	$0.00	$315,758.61	$17,551.62	$1,051,420.43
Apr-02	$0.00	$284,309.79	$3,345.69	$58,922.12	$227,092.35	$0.00	$44,309.67	$0.00	$8,934.75	$15,599.67	$0.00	$446,303.55	$2,250.20	$1,091,067.99
May-02	$0.00	$292,899.13	$16.71	$53,264.44	$234,650.93	$0.00	$44,124.25	$0.00	$0.00	$4,142.46	$0.00	$446,990.61	$0.00	$1,076,088.73
Jun-02	$0.00	$290,684.43	$2,214.98	$59,476.46	$232,758.19	$0.00	$43,829.40	$0.00	$0.00	$4,701.88	$0.00	$454,149.97	$7,553.92	$1,095,369.23
Jul-02	$0.00	$283,742.02	$3,504.80	$71,160.04	$225,738.00	$0.00	$43,110.47	$0.00	$0.00	$9,330.78	$0.00	$458,380.37	$23,184.01	$1,118,150.47
Aug-02	$0.00	$286,307.83	$2,235.84	$61,943.47	$228,277.09	$0.00	$43,910.46	$0.00	$0.00	$9,992.29	$0.00	$450,202.18	$21,694.38	$1,104,563.54
Sep-02	$0.00	$289,020.91	$1,911.27	$59,634.33	$231,134.42	$0.00	$42,760.65	$0.00	$140.32	$4,562.71	$0.00	$452,409.42	$17,368.06	$1,098,942.09
	$0.00	$3,781,250.88	$13,876.36	$694,524.23	$2,783,613.73	$0.00	$638,335.48	$0.00	$9,075.07	$85,962.16	$0.00	$4,619,865.95	$162,515.08	$12,778,918.94
	0.00%	29.59%	0.11%	5.43%	21.78%	0.00%	5.00%	0.00%	0.07%	0.67%	0.00%	36.15%	1.19%	

Southern Star Check # 502853 Allocation

	Cashout	MPS	MPS-RG3/KCl	MPS-GW	KPS	NORAM	PN	EOV	UCU	SJLP	BPU	ARIES	WP	Totals
Southern Star Check Total $1,547.00	$0.00	$457.75	$1.66	$84.08	$336.97	$0.00	$77.28	$0.00	$1.10	$10.41	$0.00	$559.28	$18.46	$1,547.00

	Account Codes		Amounts
MPS	190 229001 5198 103		$457.75
MPS-RG3/KCl	GSS-232030	Holding Account (No process code Needed)	$1.66
MPS-GW	GSS-232030	Holding Account (No process code Needed)	$84.08
KPS	190 229001 5191 103		$336.97
PN	191 229001 5191 103		$77.28
UCU	GSS - 232029 - VI1320	Holding Account (No process code Needed)	$1.10
SJLP	190 229001 5217 103		$10.41
AREIS	GSS - 232030	Holding Account (No process code Needed)	$559.28
WP	GSS - 232030	Holding Account (No process code Needed)	$18.46
			$1,547.00

Southern Star Check # 503042 Allocation

	Cashout	MPS	MPS-RG3/KCl	MPS-GW	KPS	NORAM	PN	EOV	UCU	SJLP	BPU	ARIES	WP	Totals
Williams Check Total $116,233.48	$0.00	$34,393.20	$126.22	$6,317.20	$25,318.06	$0.00	$5,806.12	$0.00	$82.54	$781.89	$0.00	$42,021.01	$1,387.23	$116,233.48

	Account Codes		Amounts
MPS	190 229001 5198 103		$34,393.20
MPS-RG3/KCl	GSS-232030	Holding Account (No process code Needed)	$126.22
MPS-GW	GSS-232030	Holding Account (No process code Needed)	$6,317.20
KPS	190 229001 5191 103		$25,318.06
PN	191 229001 5191 103		$5,806.12
UCU	GSS - 232029 - VI1320	Holding Account (No process code Needed)	$82.54
SJLP	190 229001 5217 103		$781.89
AREIS	GSS - 232030	Holding Account (No process code Needed)	$42,021.01
WP	GSS - 232030	Holding Account (No process code Needed)	$1,387.23
			$116,233.48

Southern Star Refund Allocations

	Account Codes		CK# 502853	CK# 503042
MPS	229001 5198 103		$457.75	34393.20263
MPS-RG3/KCI	GSS-232030	Holding Account (No process code Needed)	$1.68	126.2154976
MPS-GW	GSS-232030	Holding Account (No process code Needed)	$84.08	6317.19855
KPS	229001 5191 103		$336.97	25318.06399
PN	229001 5191 103		$77.28	5806.121363
UCU	GSS - 232029 - VI1320	Holding Account (No process code Needed)	$1.10	82.54430381
SJLP	229001 5217 103		$10.41	781.8878148
AREIS	GSS - 232030	Holding Account (No process code Needed)	$559.28	42021.01125
WP	GSS - 232030	Holding Account (No process code Needed)	$18.46	1387.2346
			$1,547.00	$116,233.48

INVOICE TOTALS		CASHOUT	MPS	MPS-RG3/KCI	MPS-GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL
TA553			65,921.16	646.87	0.00	56,448.42		0.00	0.00	0.00	0.00	0.00			123,016.45
TA557			196,392.31	0.00	0.00	174,843.68	0.00	0.00		0.00	0.00	0.00		0.00	371,235.99
TA588	Olivett							102.99							102.99
TA591	Norwich							1,654.07							1,654.07
TA707														6,291.97	6,291.97
TA840			7,997.84			6,012.83						0.00			14,010.67
TA873			0.00		50,218.14	0.00		0.00		0.00	0.00	0.00	0.00	0.00	50,218.14
TA883			0.00			0.00		44,513.45		0.00					44,513.45
TA1006			26,499.76		0.00	0.00				0.00		0.00			26,499.76
TA1048					0.00								350,863.48		350,863.48
TA1049													21,117.60		21,117.60
TA1050					1,526.78						5,969.99		137,203.45		144,700.22
Balancing Fee		2,216.23													2,216.23
RA4466			0.00			0.00									0.00
RA4467			0.00			0.00									0.00
TA757			0.00			0.00	0.00	0.00							0.00
TA874					0.00										0.00
TA956			0.00			0.00		0.00		0.00					0.00
TA1040								0.00							0.00
		$2,216.23	$296,811.07	$646.87	$51,744.92	$237,304.93	$0.00	$46,270.51	$0.00	$0.00	$5,969.99	$0.00	$509,184.53	$6,291.97	$1,156,441.02

INVOICE TOTALS		CASHOUT	MPS	MPS-RG3/KCI	MPS-GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
Nov-01																	
TA553			66,532.74	0.00	2,038.52	56,906.49		0.00	0.00	0.00	0.00	0.00			125,477.75	125,477.75	0.00
TA557			196,252.01	0.00	1,560.82	174,352.55	0.00	98.20		0.00	3,876.55	0.00		0.00	376,140.13	376,140.13	0.00
TA588	Olivett							180.55							180.55	180.55	0.00
TA591	Norwich							2,733.38							2,733.38	2,733.38	0.00
TA707														14,055.97	14,055.97	14,055.97	0.00
TA840			7,485.36			5,634.85						0.00			13,120.21	13,120.21	0.00
TA873			0.00		50,218.14	0.00		0.00		0.00	0.00	0.00	0.00	0.00	50,218.14	50,218.14	0.00
TA883			0.00			0.00		44,061.51		0.00					44,061.51	44,061.51	0.00
TA1006			26,499.76		0.00	0.00				0.00		0.00			26,499.76	26,499.76	0.00
TA1047			21,117.60												21,117.60	21,117.60	0.00
TA1048			40,878.73		0.00								248,674.37		289,553.10	289,553.10	[illegible]
TA1049													0.00		0.00	0.00	[illegible]
TA1050					0.00						0.00		0.00		0.00	0.00	[illegible]
Balancing Fee		(2,216.23)													(2,216.23)	(2,216.23)	0.00
RA4466			0.00			0.00									0.00	0.00	0.00
RA4467			0.00			0.00									0.00	0.00	0.00
TA757			0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874					0.00										0.00	0.00	0.00
TA956			0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040								0.00							0.00	0.00	0.00
		($2,216.23)	$358,766.20	$0.00	$53,817.48	$236,893.89	$0.00	$47,073.64	$0.00	$0.00	$3,876.55	$0.00	$248,674.37	$14,055.97	$960,941.87	$960,941.87	$0.00

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INVOICE TOTALS		CASHOUT	MPS	MPS-RG3/KCI	MPS-GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
Dec-01																	
TA553			61,357.95	0.00	2,396.91	58,613.04		0.00	0.00	0.00	7,380.04	0.00			127,747.94	127,747.94	0.00
TA557			193,890.21	0.00	0.00	177,375.63	0.00	14,633.50		0.00	581.81	0.00		0.00	386,481.15	386,481.15	0.00
TA588	Olivett							369.97							369.97	369.97	0.00
TA591	Norwich							4,746.20							4,746.20	4,746.20	0.00
TA707														13,842.35	13,842.35	13,842.35	0.00
TA840			8,387.29			5,634.85						0.00			14,022.14	14,022.14	0.00
TA873			0.00		50,218.14	0.00		0.00		0.00	0.00	0.00	0.00	0.00	50,218.14	50,218.14	0.00
TA883			0.00			0.00		45,513.74		0.00					45,513.74	45,513.74	0.00
TA1006			26,499.76		0.00	0.00				0.00		0.00			26,499.76	26,499.76	0.00
TA1047			21,117.60												21,117.60	21,117.60	0.00
TA1048			40,878.73		0.00								224,360.40		265,239.13	265,239.13	0.00
TA1049													0.00		0.00	0.00	[illegible]
TA1050					0.00						0.00		0.00		0.00	0.00	[illegible]
Balancing Fee															0.00	0.00	0.00
RA4466			0.00			0.00									0.00	0.00	0.00
RA4467			0.00			0.00									0.00	0.00	0.00
TA757			0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874					0.00										0.00	.0.00	0.00
TA956			0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040								0.00							0.00	0.00	0.00
		$0.00	$352,131.54	$0.00	$52,615.05	$239,623.52	$0.00	$65,263.41	$0.00	$0.00	$7,961.85	$0.00	$224,360.40	$13,842.35	$955,798.12	$955,798.12	$0.00

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INVOICE TOTALS		CASHOUT	MPS	MPS-RG3/KCI	MPS-GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
Jan-02																	
TA553			61,590.55	0.00	6,131.23	53,104.99		0.00	0.00	0.00	6,283.63	0.00			127,110.40	127,110.40	0.00
TA557			188,886.92	0.00	0.00	169,286.59	0.00	30,964.15		0.00	0.00	0.00		0.00	389,137.66	389,137.66	0.00
TA588	Olivett							402.29							402.29	402.29	0.00
TA591	Norwich							5,559.83							5,559.83	5,559.83	0.00
TA707														14,772.51	14,772.51	14,772.51	0.00
TA840			7,995.22			6,024.14						0.00			14,019.36	14,019.36	0.00
TA873			178.48		50,218.14	136.28		0.00		0.00	0.00	0.00	0.00	0.00	50,532.90	50,532.90	0.00
TA883			0.00			0.00		45,540.91		0.00					45,540.91	45,540.91	0.00
TA1006			26,456.86		0.00	0.00				0.00		0.00			26,456.86	26,456.86	0.00
TA1047			21,017.50												21,017.50	21,017.50	0.00
TA1048			40,878.73		0.00								309,486.87		350,365.60	350,365.60	0.00
TA1049													0.00		0.00	0.00	0[illegible]
TA1050					(3,184.10)						(2,439.44)		(5,520.00)		(11,143.54)	(11,143.54)	0[illegible]
Balancing Fee															0.00	0.00	0.00
RA4486			0.00			0.00									0.00	0.00	0.00
RA4467			0.00			0.00									0.00	0.00	0.00
TA757			0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874					0.00										0.00	0.00	0.00
TA958			0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040								0.00							0.00	0.00	0.00
		$0.00	$347,004.26	$0.00	$53,165.27	$228,552.00	$0.00	$82,467.18	$0.00	$0.00	$3,844.19	$0.00	$303,966.87	$14,772.51	$1,033,772.28	$1,033,772.28	$0.00

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INVOICE TOTALS		CASHOUT	MPS	MPS-RG3/KCI	MPS-GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
Feb-02																	
TA553			58,208.12	0.00	11,152.78	50,454.52		0.00	0.00	0.00	7,737.55	0.00			127,552.97	127,552.97	0.00
TA557			192,758.91	0.00	0.00	172,232.94	0.00	18,571.20		0.00	0.00	0.00		0.00	383,563.05	383,563.05	0.00
TA588	Olivett							333.07							333.07	333.07	0.00
TA591	Norwich							4,767.52							4,767.52	4,767.52	0.00
TA707														13,950.09	13,950.09	13,950.09	0.00
TA840			7,485.36			5,634.85						0.00			13,120.21	13,120.21	0.00
TA873			188.27		50,218.14	145.38		0.00		0.00	0.00	0.00	0.00	0.00	50,551.79	50,551.79	0.00
TA883			0.00			0.00		44,684.51		0.00					44,684.51	44,684.51	0.00
TA1006			26,456.86		0.00	0.00				0.00		0.00			26,456.86	26,456.86	0.00
TA1047			21,017.50												21,017.50	21,017.50	0.00
TA1048			40,878.73		0.00								309,486.87		350,365.60	350,365.60	0.00
TA1049													0.00		0.00	0.00	[illegible]
TA1050					0.00						0.00		0.00		0.00	0.00	[illegible]
Balancing Fee															0.00	0.00	0.00
RA4466			0.00			0.00									0.00	0.00	0.00
RA4467			0.00			0.00									0.00	0.00	0.00
TA757			0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874					0.00										0.00	-0.00	0.00
TA956			0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040								0.00							0.00	0.00	0.00
		$0.00	$346,993.75	$0.00	$61,370.92	$228,467.69	$0.00	$68,356.30	$0.00	$0.00	$7,737.55	$0.00	$309,486.87	$13,950.09	$1,036,363.17	$1,036,363.17	$0.00

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INVOICE TOTALS		CASHOUT	MPS	RG3/KCI	GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
Mar-02																	
TA553			61,442.83	0.00	4,235.53	53,111.70		0.00	0.00	0.00	8,242.26	0.00			127,032.32	127,032.32	0.00
TA557			195,371.58	0.00	0.00	174,140.56	0.00	14,703.00		0.00	0.00	0.00		0.00	384,215.14	384,215.14	0.00
TA588	Olivett							383.32							383.32	383.32	0.00
TA591	Norwich							4,473.17							4,473.17	4,473.17	0.00
TA707														17,551.62	17,551.62	17,551.62	0.00
TA840			7,485.36			5,634.85						0.00			13,120.21	13,120.21	0.00
TA873			181.16		50,218.14	133.61		0.00		0.00	0.00	0.00	0.00	0.00	50,532.91	50,532.91	0.00
TA883			0.00			0.00		47,300.05		0.00					47,300.05	47,300.05	0.00
TA1006			26,456.86		0.00	0.00				0.00		0.00			26,456.86	26,456.86	0.00
TA1047			21,017.50												21,017.50	21,017.50	0.00
TA1048			40,624.66		2,956.06								315,756.61		359,337.33	359,337.33	0.00
TA1049													0.00		0.00	0.00	0.00
TA1050					0.00						0.00		0.00		0.00	0.00	0.00
Balancing Fee															0.00	0.00	0.00
RA4466			0.00			0.00									0.00	0.00	0.00
RA4467			0.00			0.00									0.00	0.00	0.00
TA757			0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874					0.00										0.00	0.00	0.00
TA956			0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040								0.00							0.00	0.00	0.00
		$0.00	$352,579.95	$0.00	$57,409.73	$233,020.72	$0.00	$66,859.54	$0.00	$0.00	$8,242.26	$0.00	$315,756.61	$17,551.62	$1,051,420.43	$1,051,420.43	$0.00

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INVOICE TOTALS	CASHOUT	MPS	RG3/KCI	GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
Apr-02																
TA553		58,781.95	0.00	10,182.23	50,058.61		0.00	0.00	0.00	7,790.27	0.00			126,813.06	126,813.06	0.00
TA557		191,125.39	24.67	0.00	170,990.28	0.00	0.00		8,934.75	0.00	0.00		0.00	371,075.09	371,075.09	0.00
TA588 Olivett							196.88							196.88	196.88	0.00
TA591 Norwich							1,869.26							1,869.26	1,869.26	0.00
TA707													2,250.20	2,250.20	2,250.20	0.00
TA840		7,945.59	3.60		6,043.46									13,992.65	13,992.65	0.00
TA873		0.00		46,822.54	0.00		0.00		0.00	4,764.17	0.00	0.00	0.00	51,586.71	51,586.71	0.00
TA863		0.00			0.00		42,243.53		0.00					42,243.53	42,243.53	0.00
TA1006		26,456.86		0.00	0.00				0.00		0.00			26,456.86	26,456.86	0.00
TA1047		0.00												0.00	0.00	0.00
TA1048		0.00	3,317.62	1,917.35						3,045.23		348,449.95		356,730.15	356,730.15	0.00
TA1049												21,017.50		21,017.50	21,017.50	[illegible]
TA1050				0.00						0.00		76,836.10		76,836.10	76,836.10	[illegible]
Balancing Fee														0.00	0.00	0.00
RA4466		0.00			0.00									0.00	0.00	0.00
RA4467		0.00			0.00									0.00	0.00	0.00
TA757		0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874				0.00										0.00	0.00	0.00
TA956		0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040							0.00							0.00	0.00	0.00
	$0.00	$284,309.79	$3,345.89	$58,922.12	$227,092.35	$0.00	$44,309.67	$0.00	$8,934.75	$15,599.67	$0.00	$446,303.55	$2,250.20	$1,091,067.99	$1,091,067.99	$0.00

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INVOICE TOTALS		CASHOUT	MPS	RG3/KCI	GW	KPS	NORAM	PN	EOV	UCU	St Joe L & P	BPU	ARIES	WP	TOTAL	Invoice	Difference
May-02																	
TA553			63,923.05	0.00	2,062.69	54,709.92		0.00	0.00	0.00	4,142.46	0.00			124,838.12	124,838.12	0.00
TA557			194,545.69	16.71	0.00	173,892.80	0.00	0.00		0.00	0.00	0.00		0.00	368,455.20	368,455.20	0.00
TA588	Olivett							99.52							99.52	99.52	0.00
TA591	Norwich							1,211.67							1,211.67	1,211.67	0.00
TA707														0.00	0.00	0.00	0.00
TA840			7,973.53	0.00		6,048.21									14,021.74	14,021.74	0.00
TA873			0.00		50,481.14	0.00		0.00		0.00	0.00	0.00	0.00	0.00	50,481.14	50,481.14	0.00
TA883			0.00			0.00		42,813.06		0.00					42,813.06	42,813.06	0.00
TA1006			26,456.86		0.00	0.00				0.00		0.00			26,456.86	26,456.86	0.00
TA1047			0.00												0.00	0.00	0.00
TA1048			0.00	0.00	0.00						0.00		352,168.58		352,168.58	352,168.58	0.00
TA1049													21,017.50		21,017.50	21,017.50	[illegible]
TA1050					720.61						0.00		73,804.73		74,525.34	74,525.34	[illegible]
Balancing Fee															0.00	0.00	0.00
RA4466			0.00			0.00									0.00	0.00	0.00
RA4467			0.00			0.00									0.00	0.00	0.00
TA757			0.00			0.00	0.00	0.00							0.00	0.00	0.00
TA874					0.00										0.00	0.00	0.00
TA956			0.00			0.00		0.00		0.00					0.00	0.00	0.00
TA1040								0.00							0.00	0.00	0.00
		$0.00	$292,899.13	$16.71	$53,264.44	$234,650.93	$0.00	$44,124.25	$0.00	$0.00	$4,142.46	$0.00	$446,990.81	$0.00	$1,076,088.73	$1,076,088.73	$0.00

INVOICE TOTALS		MPS	RG3/KCI	GW	KPS	PN	UCU	St Joe L & P	ARIES	WP	TOTAL	Invoice	Difference
Jun-02													
TA553		63,003.24	1,193.30	5,712.65	53,614.40	0.00	0.00	3,765.67			127,289.26	127,289.26	0.00
TA557		193,291.83	1,021.68	2,105.31	173,083.64	0.00	0.00	936.21		0.00	370,438.67	370,438.67	0.00
TA588	Olivett					119.87					119.87	119.87	0.00
TA591	Norwich					931.58					931.58	931.58	0.00
TA707										7,553.92	7,553.92	7,553.92	0.00
TA840		7,932.50	0.00		6,060.15						13,992.65	13,992.65	0.00
TA873		0.00		51,658.50	0.00	0.00	0.00	0.00	0.00	0.00	51,658.50	51,658.50	0.00
TA883		0.00			0.00	42,777.95	0.00				42,777.95	42,777.95	0.00
TA1006		26,456.86		0.00	0.00		0.00				26,456.86	26,456.86	0.00
TA1047		0.00									0.00	0.00	0.00
TA1048		0.00	0.00	0.00				0.00	353,486.34		353,486.34	353,486.34	0.00
TA1049									21,017.50		21,017.50	21,017.50	0.00
TA1050				0.00				0.00	79,646.13		79,646.13	79,646.13	0.00
Balancing Fee											0.00	0.00	0.00
RA4466		0.00			0.00						0.00	0.00	0.00
RA4467		0.00			0.00						0.00	0.00	0.00
TA757		0.00			0.00	0.00					0.00	0.00	0.00
TA874				0.00							0.00	0.00	0.00
TA956		0.00			0.00	0.00	0.00				0.00	0.00	0.00
TA1040						0.00					0.00	0.00	0.00
		$290,684.43	$2,214.98	$59,476.46	$232,758.19	$43,829.40	$0.00	$4,701.88	$454,149.97	$7,553.92	$1,095,369.23	$1,095,369.23	$0.00

INVOICE TOTALS		MPS	RG3/KCI	GW	KPS	PN	UCU	St Joe L & P	ARIES	WP	TOTAL	Invoice	Difference
Jul-02													
TA553		63,113.56	1,465.48	5,951.33	53,548.03	0.00	0.00	3,553.39			127,631.79	127,631.79	0.00
TA557		186,237.65	2,039.32	13,059.17	166,102.18	0.00	0.00	5,777.37		0.00	373,215.69	373,215.69	0.00
TA588	Olivett					124.84					124.84	124.84	0.00
TA591	Norwich					884.40					884.40	884.40	0.00
TA707										23,184.01	23,184.01	23,184.01	0.00
TA840		7,933.95	0.00		6,087.79						14,021.74	14,021.74	0.00
TA873		0.00		52,149.54	0.00	0.00	0.00	0.00	0.00	0.00	52,149.54	52,149.54	0.00
TA883		0.00			0.00	42,101.23	0.00				42,101.23	42,101.23	0.00
TA1006		26,456.86		0.00	0.00		0.00				26,456.86	26,456.86	0.00
TA1047		0.00									0.00	0.00	0.00
TA1048		0.00	0.00	0.00				0.00	362,310.49		362,310.49	362,310.49	0.00
TA1049									21,017.50		21,017.50	21,017.50	0.00
TA1050				0.00				0.00	75,052.38		75,052.38	75,052.38	0.00
Balancing Fee											0.00	0.00	0.00
RA4466		0.00			0.00						0.00	0.00	0.00
RA4467		0.00			0.00						0.00	0.00	0.00
TA757		0.00			0.00	0.00					0.00	0.00	0.00
TA874				0.00							0.00	0.00	0.00
TA956		0.00			0.00	0.00	0.00				0.00	0.00	0.00
TA1040						0.00					0.00	0.00	0.00
		$283,742.02	$3,504.80	$71,160.04	$225,738.00	$43,110.47	$0.00	$9,330.76	$458,380.37	$23,184.01	$1,118,150.47	$1,118,150.47	$0.00

INVOICE TOTALS		MPS	RG3/KCl	GW	KPS	PN	UCU	St Joe L & P	ARIES	WP	TOTAL	Invoice
Aug-02												
TA553		63,495.30	0.00	4,322.71	53,904.65	0.00	0.00	5,252.46			126,975.12	126,975.12
TA557		188,424.24	2,235.84	6,405.45	168,282.13	86.79	0.00	4,739.83		0.00	370,174.28	370,174.28
TA588	Olivett					58.64					58.64	58.64
TA591	Norwich					882.88					882.88	882.88
TA707										21,694.38	21,694.38	21,694.38
TA840		7,931.43	0.00		6,090.31						14,021.74	14,021.74
TA873		0.00		51,215.31	0.00	0.00	0.00	0.00	0.00	0.00	51,215.31	51,215.31
TA883		0.00			0.00	42,882.15	0.00				42,882.15	42,882.15
TA1006		26,456.86		0.00	0.00		0.00				26,456.86	26,456.86
TA1047		0.00									0.00	0.00
TA1048		0.00	0.00	0.00				0.00	354,292.10		354,292.10	354,292.10
TA1049									21,017.50		21,017.50	21,017.50
TA1050				0.00				0.00	74,892.58		74,892.58	74,892.58
Balancing Fee											0.00	0.00
RA4466		0.00			0.00						0.00	0.00
RA4467		0.00			0.00						0.00	0.00
TA757		0.00			0.00	0.00					0.00	0.00
TA874				0.00							0.00	0.00
TA956		0.00			0.00	0.00	0.00				0.00	0.00
TA1040						0.00					0.00	0.00
		$286,307.83	$2,235.84	$61,943.47	$228,277.09	$43,910.46	$0.00	$9,992.29	$450,202.18	$21,694.38	$1,104,563.54	$1,104,563.54

INVOICE TOTALS		MPS	RG3/KCI	GW	KPS	PN	UCU	St Joe L & P	ARIES	WP	TOTAL	Invoice
Sep-02												
TA553		64,026.26	0.00	3,755.12	54,539.70	0.00	0.00	2,954.62			125,275.70	125,275.70
TA557		190,613.36	1,911.27	4,553.12	170,526.50	0.00	140.32	1,608.09		0.00	369,352.66	369,352.66
TA588	Olivett					74.78					74.78	74.78
TA591	Norwich					833.41					833.41	833.41
TA707										17,368.06	17,368.06	17,368.06
TA840		7,924.43	0.00		6,068.22						13,992.65	13,992.65
TA873		0.00		51,326.09	0.00	0.00	0.00	0.00	0.00	0.00	51,326.09	51,326.09
TA883		0.00			0.00	41,852.46	0.00				41,852.46	41,852.46
TA1006		26,456.86		0.00	0.00		0.00				26,456.86	26,456.86
TA1047		0.00									0.00	0.00
TA1048		0.00	0.00	0.00				0.00	353,987.04		353,987.04	353,987.04
TA1049									21,017.50		21,017.50	21,017.50
TA1050				0.00				0.00	77,404.88		77,404.88	77,404.88
Balancing Fee											0.00	0.00
RA4466		0.00			0.00						0.00	0.00
RA4467		0.00			0.00						0.00	0.00
TA757		0.00			0.00	0.00					0.00	0.00
TA874				0.00							0.00	0.00
TA956		0.00			0.00	0.00	0.00				0.00	0.00
TA1040						0.00					0.00	0.00
		$289,020.91	$1,911.27	$59,634.33	$231,134.42	$42,760.65	$140.32	$4,562.71	$452,409.42	$17,368.06	$1,098,942.09	$1,098,942.09

Enclosure 6

AQUILA INC. d/b/a AQUILA NETWORKS - MPS

Northern System Gas Refund

2002-2003 ACA Year

				FIRM	INTERRUPTIBLE	TOTAL
1	**Beginning Balance September 2002**			**$12,311.28**	**$0.00**	**$12,311.28**
2	**Actual Refund to Customers by Month**					
3	September	2002		$0.00	$0.00	$0.00
4	October	2002		$0.00	$0.00	$0.00
5	November	2002		($242.85)	$0.00	($242.85)
6	December	2002		($1,296.19)	$0.00	($1,296.19)
7	January	2003		($1,842.46)	$0.00	($1,842.46)
8	February	2003		($1,909.65)	$0.00	($1,909.65)
9	March	2003		($1,702.31)	$0.00	($1,702.31)
10	April	2003		($844.98)	$0.00	($844.98)
11	May	2003		($439.32)	$0.00	($439.32)
12	June	2003		($256.90)	$0.00	($256.90)
13	July	2003		($167.99)	$0.00	($167.99)
14	August	2003		($154.12)	$0.00	($154.12)
15			**TOTAL:**	**($8,856.77)**	**$0.00**	**($8,856.77)**
16	**(Over)/Under Refund**			**$21,168.05**	**$0.00**	**$21,168.05**
17	**Supplier Refunds Sep-02 to Aug-03**					
				$0.00	$0.00	$0.00
			6% Interest ()	$0.00	$ 0.00	$0.00
			6% Interest ()	$0.00	$ 0.00	$0.00
			TOTAL:	**$0.00**	**$0.00**	**$0.00**
	Balance as of August 31, 2003			**$21,168.05**	**$0.00**	**$21,168.05**
					Annual Firm Mcf Sales Per GR-93-172:	**1,468,777**
					Refund Rate Per Ccf:	**$ 0.00144**

MPS proposes to change the refund rate from the present rate of $0.0084/Mcf to ($.0144)/Mcf.

Aquila Inc. d/b/a Aquila Networks - MPS
Southern System
Estimated Deferred Carrying Cost Balance (DCCB) Calculation
2002-2003 ACA Year

Annual Gas Cost Level	
Gas Cost from Nov 02 ACA calculation	15,415,511
Gas Cost from Nov 01 ACA calculation	29,366,994
Gas Cost from Nov 00 ACA calculation	12,896,694
Average of 3 most recent gas cost calculations	19,226,400
	10%
10% of average annual gas cost threshold	1,922,640

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Sales Volumes (in Mcf)	72,232	94,944	278,603	470,638	631,494	651,003	568,336	285,379	153,299	89,973	73,926	67,803	3,437,630
Cost of Gas Purchased and Produced	269,869	1,184,989	2,063,343	2,549,838	3,515,534	3,077,564	2,970,275	1,229,736	761,634	740,774	595,922	467,578	19,427,055
PGA - Estimated Annualized Unit Cost of Gas	$4.5857	$4.5994	$4.6555	$4.7779	$4.7865	$4.7868	$4.9622	$7.0433	$7.6476	$7.7015	$7.7081	$7.7212	
Actual Annualized Unit Cost of Gas	3.7362	12.4810	7.4060	5.4178	5.5670	4.7274	5.2263	4.3091	4.9683	8.2333	8.0611	6.8961	
Difference	0.8496	-7.8816	-2.7505	-0.6399	-0.7805	0.0594	-0.2641	2.7342	2.6793	-0.5318	-0.3530	0.8251	
Actual Sales Volumes	72,232	94,944	278,603	470,638	631,494	651,003	568,336	285,379	153,299	89,973	73,926	67,803	
DCCB Monthly Over/(Under) Recovery	61,366	(748,308)	(766,309)	(301,172)	(492,857)	38,668	(150,090)	780,275	410,728	(47,845)	(26,097)	55,946	
2002-03 DCCB Yr to Date Over/(Under) Recovery	61,366	(686,942)	(1,453,251)	(1,754,423)	(2,247,280)	(2,208,612)	(2,358,702)	(1,578,427)	(1,167,700)	(1,215,545)	(1,241,642)	(1,185,696)	
10% of average annual gas cost threshold	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	1,922,640	
Absolute Value Rcvry Bal that exceeds threshold	-	-	-	-	324,640	285,972	436,062	-	-	-	-	-	
Over/(Und) Rcvry Bal that exceeds 10% threshold	-	-	-	-	(324,640)	(285,972)	(436,062)	-	-	-	-	-	
Interest at Prime Rate - Wall Street Journal - 1%	3.75%	3.75%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.00%	3.00%	
Carrying Costs Refunded/(Collected)	-	-	-	-	(879)	(775)	(1,181)	-	-	-	-	-	(2,835)
DCCB Percent of Avg Annual Gas Costs	0.32%	-3.57%	-7.56%	-9.13%	-11.69%	-11.49%	-12.27%	-8.21%	-6.07%	-6.32%	-6.46%	-6.17%	

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

Enclosure 7

Aquila Inc. d/b/a Aquila Networks - MPS
Northern System
Estimated Deferred Carrying Cost Balance (DCCB) Calculation
2002-2003 ACA Year

Annual Gas Cost Level	
Gas Cost from Nov 02 ACA calculation	6,358,388
Gas Cost from Nov 01 ACA calculation	9,391,314
Gas Cost from Nov 00 ACA calculation	4,999,217
Average of 3 most recent gas cost calculations	6,916,306
	10%
10% of average annual gas cost threshold	691,631

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Sales Volumes (in Mcf)	28,483	20,235	101,276	160,338	219,251	227,305	204,522	100,805	52,134	27,273	19,694	18,648	1,179,964
Cost of Gas Purchased and Produced	170,620	447,381	801,070	917,404	1,166,485	1,008,118	1,066,725	480,424	310,595	278,734	284,693	221,214	7,153,463
PGA - Estimated Annualized Unit Cost of Gas	$4.2391	$4.2388	$4.4750	$5.0289	$5.0592	$5.0725	$5.2587	$7.5296	$8.2196	$8.2388	$8.2257	$8.1803	
Actual Annualized Unit Cost of Gas	5.9902	22.1093	7.9098	5.7217	5.3203	4.4351	5.2157	4.7659	5.9576	10.2202	14.4558	11.8629	
Difference	-1.7511	-17.8704	-3.4348	-0.6928	-0.2611	0.6374	0.0430	2.7638	2.2620	-1.9814	-6.2300	-3.6826	
Actual Sales Volumes	28,483	20,235	101,276	160,338	219,251	227,305	204,522	100,805	52,134	27,273	19,694	18,648	
DCCB Monthly Over/(Under) Recovery	(49,877)	(361,608)	(347,862)	(111,080)	(57,243)	144,895	8,803	278,602	117,926	(54,039)	(122,695)	(68,672)	
2002-03 DCCB Yr to Date Over/(Under) Recovery	(49,877)	(411,485)	(759,347)	(870,428)	(927,671)	(782,776)	(773,973)	(495,371)	(377,444)	(431,484)	(554,179)	(622,850)	
10% of average annual gas cost threshold	691,631	691,631	691,631	691,631	691,631	691,631	691,631	691,631	691,631	691,631	691,631	691,631	
Absolute Value Rcvry Bal that exceeds threshold	-	-	67,716	178,797	236,040	91,145	82,343	-	-	-	-	-	
Over/(Und) Rcvry Bal that exceeds 10% threshold	-	-	(67,716)	(178,797)	(236,040)	(91,145)	(82,343)	-	-	-	-	-	
Interest at Prime Rate - Wall Street Journal - 1%	3.75%	3.75%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.00%	3.00%	
Carrying Costs Refunded/(Collected)	-	-	(183)	(484)	(639)	(247)	(223)	-	-	-	-	-	(1,777)
DCCB Percent of Avg Annual Gas Costs	-0.72%	-5.95%	-10.98%	-12.59%	-13.41%	-11.32%	-11.19%	-7.16%	-5.46%	-6.24%	-8.01%	-9.01%	

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

Enclosure 8

Aquila Inc. d/b/a Aquila Networks
Eastern System
Estimated Deferred Carrying Cost Balance (DCCB) Calculation
2002-2003 ACA Year

Annual Gas Cost Level	
Gas Cost from Nov 02 ACA calculation	2,565,015
Gas Cost from Nov 01 ACA calculation	4,190,412
Gas Cost from Nov 00 ACA calculation	2,170,713
Average of 3 most recent gas cost calculations	2,975,380
	10%
10% of average annual gas cost threshold	297,538

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Sales Volumes (in Mcf)	7,686	8,634	27,530	43,806	68,075	73,917	65,799	32,020	18,862	12,120	9,118	8,899	376,466
Cost of Gas Purchased and Produced	127,613	205,621	359,061	426,882	565,721	501,096	354,832	252,763	158,637	170,218	173,185	131,232	3,426,861
PGA - Estimated Annualized Unit Cost of Gas	$10.1742	$11.8964	$7.4040	$8.7694	$8.8050	$8.8367	$8.8368	$8.8860	$9.1786	$9.1574	$9.2001	$11.9769	
Actual Annualized Unit Cost of Gas	16.6026	23.8159	13.0425	9.7448	8.3102	6.7791	5.3927	7.8940	8.4102	14.0447	18.9939	14.7468	
Difference	-6.4285	-11.9195	-5.6384	-0.9755	0.4947	2.0576	3.4441	0.9920	0.7684	-4.8873	-9.7938	-2.7699	
Actual Sales Volumes	7,686	8,634	27,530	43,806	68,075	73,917	65,799	32,020	18,862	12,120	9,118	8,899	
DCCB Monthly Over/(Under) Recovery	(49,411)	(102,910)	(155,227)	(42,731)	33,679	152,091	226,617	31,763	14,494	(59,232)	(89,299)	(24,650)	
2002-03 DCCB Yr to Date Over/(Under) Recovery	(49,411)	(152,322)	(307,548)	(350,279)	(316,600)	(164,509)	62,108	93,871	108,365	49,132	(40,167)	(64,816)	
10% of average annual gas cost threshold	297,538	297,538	297,538	297,538	297,538	297,538	297,538	297,538	297,538	297,538	297,538	297,538	
Absolute Value Rcvry Bal that exceeds threshold	-	-	10,010	52,741	19,062	-	-	-	-	-	-	-	
Over/(Und) Rcvry Bal that exceeds 10% threshold	-	-	(10,010)	(52,741)	(19,062)	-	-	-	-	-	-	-	
Interest at Prime Rate - Wall Street Journal - 1%	3.75%	3.75%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.00%	3.00%	
Carrying Costs Refunded/(Collected)	-	-	(27)	(143)	(52)	-	-	-	-	-	-	-	(222)
DCCB Percent of Avg Annual Gas Costs	-1.66%	-5.12%	-10.34%	-11.77%	-10.64%	-5.53%	2.09%	3.15%	3.64%	1.65%	-1.35%	-2.18%	

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

Enclosure 9

Enclosure 10

Aquila Inc. d/b/a Aquila Networks - MPS
Prior Period Adjustment Summary
2002-2003 ACA Year

Southern System

	Annual Gas Cost Level Adjustment Summary
Gas Cost from Nov 02 ACA calculation	15,273,267.84
Adjustments:	
01/02 tracker - UCU Pool Gas PPA 11/01	142,242.78
Total Adjusted Gas Cost Nov 02 ACA	15,415,510.62

Gas Cost from Nov 01 ACA calculation	29,361,721.89
Adjustments:	
11/00 tracker - Oneok Energy Mktg Trans. PPA 10/00	3,126.90
11/00 tracler - Oneok Energy Mktg Trans. PPA 09/00	3,126.90
12/00 tracker - Imbalance Gas PPA 11/00	354.40
12/00 tracker - WNG Transportation PPA 11/00	19.81
12/00 tracker - WNG Storage PPA 11/00	(4,129.83)
12/00 tracker - WNG Capacity Release PPA 11/00	(2,087.49)
12/00 tracker - Swing Pool Gas PPA 11/00	4,585.34
01/01 tracker - Swing Pool Gas PPA 12/00	278.31
01/01 tracker - WNG Assoc. Co. Storage PPA 12/00	(2.05)
Total Adjusted Gas Cost Nov 01 ACA	29,366,994.18

Gas Cost from Nov 00 ACA calculation	12,860,556.40
Adjustments:	
9/99 tracker - 5/99 WNG Transportation PPA	(440.12)
3/00 tracker - 1/00 Pool Gas Adjustment	(405.00)
3/00 tracker - 1/99 to 2/00 Cashout Adjustment	36,982.78
Total Adjusted Gas Cost Nov 00 ACA	12,896,694.06

Aquila Inc. d/b/a Aquila Networks - MP
Prior Period Adjustment Summary
2002-2003 ACA Year

Enclosure 11

Northern System

	Annual Gas Cost Level Adjustment Summary
Gas Cost from Nov 02 ACA calculation	6,359,459.10
09/01 tracker - PEPL Transportation PPA 08/01	(100.45)
02/02 tracker - PEPL Transportation PPA 01/02	0.36
03/02 tracker - PEPL Transportation PPA 02/02	(15.64)
03/02 tracker - PEPL Transportation Penalty 02/02	(129.05)
04/02 tracker - PEPL Transportation PPA 02/02	4.85
04/02 tracker - PEPL Transportation PPA 03/02	2.64
04/02 tracker - PEPL Transportation Penalty 02/02	(248.91)
05/02 tracker - PEPL Transportation Penalty 04/02	(134.93)
06/02 tracker - PEPL Transportation PPA 05/02	11.67
06/02 tracker - PEPL Transportation Penalty 05/02	(325.58)
07/02 tracker - PEPL Transportation PPA 05/02	96.69
07/02 tracker - PEPL Transportation Penalty 06/02	(114.75)
08/02 tracker - PEPL Transportation PPA 06/02	47.29
08/02 tracker - PEPL Transportation Penalty 07/02	(165.60)
Total Adjusted Gas Cost Nov 02 ACA	6,358,387.69

Gas Cost from Nov 01 ACA calculation	9,298,566.71
10/00 tracker - PEPL Transportation PPA 08/00	(153.95)
12/00 tracker - PEPL Transportation PPA 11/00	(21.13)
12/00 tracker - PEPL Assoc Co Storage PPA 11/00	18.28
01/01 tracker - PEPL Transportation PPA 11/00	(1,479.86)
07/01 tracker - PEPL Transportation PPA 06/01	12,360.00
07/01 tracker - PEPL Transportation PPA 05/01	9,512.00
07/01 tracker - PEPL Transportation PPA 04/01	12,560.04
07/01 tracker - PEPL Transportation PPA 03/01	9,712.00
07/01 tracker - PEPL Transportation PPA 02/01	18,256.04
07/01 tracker - PEPL Transportation PPA 01/01	9,712.00
07/01 tracker - PEPL Transportation PPA 12/00	9,712.00
07/01 tracker - PEPL Transportation PPA 11/00	12,560.04
Total Adjusted Gas Cost Nov 01 ACA	9,391,314.17

Gas Cost from Nov 00 ACA calculation	4,988,180.22
11/99 tracker - PEPL Assoc. Co. Storage PPA 10/99	15,766.68
12/99 tracker - PEPL Assoc. Co. Storage PPA 11/99	7.66
02/00 tracker - Western PPA 01/00	(28.00)
05/00 tracker - Texaco PPA 04/00	(625.52)
05/00 tracker - PEPL Transportation PPA 04/00	(6.02)
05/00 tracker - PEPL Transportation PPA 03/00	354.60
05/00 tracker - PEPL Capacity Release PPA 04/00	(17.89)
06/00 tracker - PEPL Transportation PPA 05/00	33.83
06/00 tracker - PEPL Storage PPA 05/00	(432.97)
07/00 tracker - PEPL Storage PPA 06/00	(4,000.00)
08/00 tracker - PEPL Transportation PPA 04/00	(15.77)
Total Adjusted Gas Cost Nov 00 ACA	4,999,216.82

Aquila Inc. d/b/a Aquila Networks - MP
Prior Period Adjustment Summary
2002-2003 ACA Year

Enclosure 12

Eastern System

	Annual Gas Cost Level Adjustment Summary
Gas Cost from Nov 02 ACA calculation	2,389,239.33
Adjustments:	
04/02 tracker - Imbalance Gas PPA 03/02	(646.30)
04/02 tracker - PEPL Transportation Penalty 03/02	(41.16)
05/02 tracker - PEPL Transportation Penalty 04/02	(28.55)
05/02 tracker - PEPL Transportation PPA 03/02	35,682.56
05/02 tracker - PEPL Transportation PPA 02/02	35,124.04
05/02 tracker - PEPL Transportation PPA 01/02	23,485.16
05/02 tracker - PEPL Transportation PPA 12/02	37,205.12
05/02 tracker - PEPL Transportation PPA 11/02	45,497.56
06/02 tracker - PEPL Transportation Penalty 05/02	(448.14)
07/02 tracker - PEPL Transportation Penalty 06/02	(22.47)
08/02 tracker - PEPL Transportation Penalty 07/02	(31.74)
Total Adjusted Gas Cost Nov 02 ACA	2,565,015.41

Gas Cost from Nov 01 ACA calculation	4,236,735.96
Adjustments:	
02/01 tracker - PEPL Transportation PPA 11/00	(121.88)
02/01 tracker - PEPL Transportation PPA 12/00	203.84
07/01 tracker - PEPL Transportation PPA 04/01	(46,446.92)
07/01 tracker - PEPL Transportation PPA 05/01	40.43
07/01 tracker - PEPL Transportation PPA 06/01	0.17
Total Adjusted Gas Cost Nov 01 ACA	4,190,411.60

Gas Cost from Nov 00 ACA calculation	2,169,696.74
Adjustments:	
01/00 tracker - Aquila PPA 12/99	51.30
01/00 tracker - MoPipe Transportation PPA 12/99	625.00
01/00 tracker - MoPipe Transportation PPA 11/99	625.00
01/00 tracker - PEPL Capacity Release PPA 12/99	(53.67)
05/00 tracker - MoGas Transportation PPA 03/00	(137.00)
05/00 tracker - MoPipe Transportation PPA 03/00	(93.10)
05/00 tracker - MoGas Transportation PPA 03/00	(1.92)
05/00 tracker - MoPipe Transportation PPA 03/00	(1.20)
08/00 tracker - PEPL Transportation PPA 07/00	2.00
Total Adjusted Gas Cost Nov 00 ACA	2,170,713.15

Aquila Inc. d/b/a Aquila Networks - MPS
Southern System
2002-2003 Winter Season Revenue Impact from Winter PGA Filing

Original Calculation Filed

Month	PGA Factor	Month	PGA Factor	PGA Change (11/03)	Revenue Impact (Winter Season)
Nov-02	5.0325	Nov-03	6.4646	1.4321	442,570
Dec-02	5.0325	Dec-03	6.4646	1.4321	816,702
Jan-03	5.0325	Jan-04	6.4646	1.4321	1,076,769
Feb-03	5.0325	Feb-04	6.4646	1.4321	990,080
Mar-03	5.0325	Mar-04	6.4646	1.4321	725,450

Estimated Winter Season Change in Revenue **4,051,570**

Percent Change Between PGA Factors **28.46%**

Firm Sales Volume @ Burnertip 3,823,123

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	751,881
Feb	21.7	18.08%	691,348
Mar	15.9	13.25%	506,564
Apr	9.6	8.00%	305,850
May	5.3	4.42%	168,855
Jun	3.6	3.00%	114,694
Jul	2.8	2.33%	89,206
Aug	2.7	2.25%	86,020
Sep	3	2.50%	95,578
Oct	4.2	3.50%	133,809
Nov	9.7	8.08%	309,036
Dec	17.9	14.92%	570,283
TOTAL	120	100%	3,823,123

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

Enclosure 14

Aquila Inc. d/b/a Aquila Networks - MPS
Northern System
2002-2003 Winter Season Revenue Impact from Winter PGA Filing

Original Calculation Filed

Month	PGA Factor	Month	PGA Factor	PGA Change (11/03)	Revenue Impact (Winter Season)
Nov-02	5.0302	Nov-03	6.9065	1.8763	222,766
Dec-02	5.0302	Dec-03	6.9065	1.8763	411,083
Jan-03	5.0302	Jan-04	6.9065	1.8763	541,987
Feb-03	5.0302	Feb-04	6.9065	1.8763	498,352
Mar-03	5.0302	Mar-04	6.9065	1.8763	365,152

Estimated Winter Season Change in Revenue **2,039,341**

Percent Change Between PGA Factors **37.30%**

Firm Sales Volume @ Burnertip 1,468,777

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	288,859
Feb	21.7	18.08%	265,604
Mar	15.9	13.25%	194,613
Apr	9.6	8.00%	117,502
May	5.3	4.42%	64,871
Jun	3.6	3.00%	44,063
Jul	2.8	2.33%	34,271
Aug	2.7	2.25%	33,047
Sep	3	2.50%	36,719
Oct	4.2	3.50%	51,407
Nov	9.7	8.08%	118,726
Dec	17.9	14.92%	219,093
TOTAL	120	100%	1,468,777

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

Enclosure 15

Aquila Inc. d/b/a Aquila Networks - MPS
Eastern System
2002-2003 Winter Season Revenue Impact from Winter PGA Filing

Original Calculation Filed

Month	PGA Factor	Month	PGA Factor	PGA Change (11/03)	Revenue Impact (Winter Season)
Nov-02	8.8234	Nov-03	11.1849	2.3615	72,359
Dec-02	8.8234	Dec-03	11.1849	2.3615	133,529
Jan-03	8.8234	Jan-04	11.1849	2.3615	176,049
Feb-03	8.8234	Feb-04	11.1849	2.3615	161,876
Mar-03	8.8234	Mar-04	11.1849	2.3615	118,609

Estimated Winter Season Change in Revenue **662,422**

Percent Change Between PGA Factors **26.76%**

Firm Sales Volume @ Burnertip 379,066

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	23.6	19.67%	74,550
Feb	21.7	18.08%	68,548
Mar	15.9	13.25%	50,226
Apr	9.6	8.00%	30,325
May	5.3	4.42%	16,742
Jun	3.6	3.00%	11,372
Jul	2.8	2.33%	8,845
Aug	2.7	2.25%	8,529
Sep	3	2.50%	9,477
Oct	4.2	3.50%	13,267
Nov	9.7	8.08%	30,641
Dec	17.9	14.92%	56,544
TOTAL	120	100%	379,066

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