



November 2, 2000

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VIA FEDERAL EXPRESS

Missouri Public  
Service Commission

Mr. Dale Hardy Roberts  
Secretary/Chief Regulatory Law Judge  
Missouri Public Service Commission  
301 West High Street, Room 530  
Jefferson City, MO 65102

ER-2000-392

Dear Mr. Roberts:

United Cities Gas Company herewith submits for filing the 8<sup>th</sup> Revised Sheet No. 58 (P.S.C. Mo. No. 3) which reflects a revised Purchased Gas Adjustment (PGA) applicable to its Consolidated District (Bowling Green, Hannibal/Canton and Palmyra) and the Neelyville District. Enclosed with Sheet No. 58 are the supplementary sheets setting forth the detailed calculations of such revised PGA for both Districts.

This filing reflects an increase in rates of approximately 12.71% for Bowling Green, 23.06% for Hannibal/Canton, and 34.57% for Palmyra. This filing also reflects an increase in rates of approximately 30.42% for Neelyville.

Your review and approval of these sheets to become effective December 1, 2000 are respectfully requested. Please address any correspondence to my attention at Atmos Energy Corporation, 381 Riverside Drive, Suite 440, Franklin, TN 37064-8934. If you have any questions, please feel free to contact me at (615) 595-7700, extension 235 or Judy Dunlap at extension 234.

Very truly yours,

Mark A. Martin  
Senior Analyst / Rate Administration

MAM/jd  
Enclosures  
pc: Office of Public Counsel

200100519

Bowling Green  
Hannibal/  
Canton &  
Palmyra

200100520 Neelyville

United Cities Gas Company

Name of Issuing Corporation

## PURCHASED GAS ADJUSTMENT FOR ALL DISTRICTS\*

## SALES SERVICE PGA FACTORS:

	CONSOLIDATED DISTRICT						NEELYVILLE DISTRICT	
	BOWLING GREEN		HANNIBAL/CANTON		PALMYRA		FIRM	INTERRUPTIBLE
	FIRM	INTERRUPTIBLE	FIRM	INTERRUPTIBLE	FIRM	INTERRUPTIBLE		
Gas Charge Adjustment	\$ 0.6913	\$ 0.6271	\$ 0.6913	\$ 0.6271	\$ 0.6913	\$ 0.6271	\$ 0.7871	\$ 0.7193
Refund Adjustment in Effect for a Twelve Month Period Commencing on Effective Date Shown Below:								
December 1, 2000	\$ 0.0005	\$ 0.0005	\$ (0.0104)	\$ (0.0104)	(\$0.0495)	(\$0.0495)	\$ (0.0009)	\$ (0.0009)
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Take-Or-Pay Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transition Cost Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consolidated Actual Cost Adjustment	\$ 0.0014	\$ (0.0001)	\$ 0.0014	\$ (0.0001)	\$ 0.0014	\$ (0.0001)		
Actual Cost Adjustment	\$ 0.0074	\$ 0.0074	\$ 0.0038	\$ 0.0209	\$ 0.1618	\$ 0.1642	\$ (0.0187)	\$ (0.0327)
Total PGA	\$ 0.7006	\$ 0.6349	\$ 0.6861	\$ 0.6375	\$ 0.8050	\$ 0.7417	\$ 0.7675	\$ 0.6857

\* All rates are \$/Ccf.

## TRANSPORTATION SERVICE PGA FACTORS:

## Transportation Charges

Take-Or-Pay Adjustment	\$ -	\$ 0.0007	\$ (0.0003)	\$ 0.0008
Consolidated Take-Or-Pay Adjust.	\$ 0.0001	\$ 0.0001	\$ 0.0001	
Transition Cost Adjustment	\$ -	\$ -	\$ -	\$ -

DATE OF ISSUE: November 2, 2000DATE EFFECTIVE: December 1, 2000ISSUED BY: Thomas R. Blose, Jr., President

Name of Officer

Title

Franklin, TN

Address

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UNITED CITIES GAS COMPANY  
CALCULATION OF ACA FACTOR  
CONSOLIDATED DISTRICT, MISSOURI  
MAY 1, 2000 THROUGH MAY 31, 2000

1. Invoiced Demand Cost (Exhibit II-A)	\$42,839.83
2. ACA Balance for the period June 1, 1998 to May 31, 1999	\$0.00
3. Demand Cost Recovered (Exhibits II-B and II-D)	<u>\$17,286.05</u>
4. Demand Under/(Over)-Recovery	<u>\$25,553.78</u>
5. Invoiced Commodity Cost (Exhibit II-A)	\$246,178.28
6. ACA Balance for the period June 1, 1998 to May 31, 1999	\$0.00
7. Commodity Cost Recovered (Exhibits II-B and II-D)	<u>\$249,790.74</u>
8. Commodity Under/(Over)-Recovery	<u>(\$3,612.46)</u>
9. Invoiced Take-or-Pay Cost (Exhibit II-A)	\$0.00
10. TOP ACA Balance for the period June 1, 1998 to May 31, 1999	\$0.00
11. Take-or-Pay Cost Recovered (Exhibit II-C)	<u>(\$1,886.86)</u>
12. Take-or-Pay Under/(Over)-Recovery	<u>\$1,886.86</u>
13. Firm Sales	<u>16,870,951</u>
14. Demand ACA (Item 4 divided by Item 13)	<u>\$0.0015</u>
15. Total Sales (excluding transportation sales)	<u>17,361,010</u>
16. Total Sales (including transportation sales)	<u>18,099,179</u>
17. Commodity ACA (Item 8 divided by Item 15)	<u>(\$0.0002)</u>
18. Take-or-Pay ACA (Item 12 divided by Item 16)	<u>\$0.0001</u>
19. Total ACA Applicable to Firm Customers (Items 14+17+18)	<u>\$0.0014</u>
20. Total ACA Applicable to Non-Firm Customers (Items 17+18)	<u>(\$0.0001)</u>
21. Total ACA Applicable to Transportation Customers (Item 18)	<u>\$0.0001</u>

UNITED CITIES GAS COMPANY  
 INVOICED COST OF GAS  
 CONSOLIDATE DISTRICT, MISSOURI  
 MAY 1, 2000 THROUGH MAY 31, 2000

PANHANDLE EASTERN PIPE LINE COMPANYSPOT MARKET

<u>MONTH</u>	<u>FS/WS DEMAND</u>	<u>EFT DEMAND</u>	<u>IOS DEMAND</u>	<u>COMMODITY VOLUME</u>	<u>RATE</u>	<u>COMMODITY COST</u>	<u>FS/WS INJ/WITH</u>	<u>TRANS COST</u>	<u>COMMODITY VOLUME</u>	<u>RATE</u>	<u>COMMODITY COST</u>	<u>STORAGE INJECTION</u>	<u>STORAGE WITHDRAWALS</u>	<u>TOTAL GAS COST</u>
JUNE, 1999	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
JULY	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
AUGUST	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
SEPTEMBER	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
OCTOBER	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
NOVEMBER	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
DECEMBER	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
JANUARY, 2000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
FEBRUARY	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
MARCH	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
APRIL	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
MAY	<u>\$43,354.24</u>	<u>\$67,496.44</u>	<u>\$14,285.20</u>	<u>284,684</u>	\$0.0115	<u>\$3,268.59</u>	<u>\$270.71</u>	<u>\$2,777.83</u>	<u>143,095</u>	\$2.9701	<u>\$425,007.00</u>	<u>(\$269,245.84)</u>	<u>\$1,803.94</u>	<u>\$289,018.11</u>
TOTAL	<u>\$43,354.24</u>	<u>\$67,496.44</u>	<u>\$14,285.20</u>	<u>284,684</u>		<u>\$3,268.59</u>	<u>\$270.71</u>	<u>\$2,777.83</u>	<u>143,095</u>		<u>\$425,007.00</u>	<u>(\$269,245.84)</u>	<u>\$1,803.94</u>	<u>\$289,018.11</u>

UNITED CITIES GAS COMPANY  
 COST RECOVERIES FROM TARIFF CUSTOMERS  
 CONSOLIDATED DISTRICT, MISSOURI  
 MAY 1, 2000 THROUGH MAY 31, 2000

<u>MONTH</u>	<u>FIRM SALES</u>	<u>DEMAND RATE</u>	<u>DEMAND RECOVERIES</u>	<u>TOTAL SALES</u>	<u>COMMODITY RATE</u>	<u>COMMODITY RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
JULY	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
AUGUST	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
SEPTEMBER	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
OCTOBER	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
NOVEMBER	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
DECEMBER	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
JANUARY, 2000	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
FEBRUARY	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
MARCH	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
APRIL	0	\$0.0000	\$0.00	0	\$0.0000	\$0.00	\$0.00
MAY	720,984	\$0.0240	\$17,286.05	744,034	\$0.3331	\$247,800.87	\$265,086.92
ADJ TO BOOKS	<u>0</u>	\$0.0000	<u>\$0.00</u>	<u>0</u>	\$0.0000	<u>\$1,989.87</u>	<u>\$1,989.87</u>
 TOTAL	 <u>720,984</u>		 <u>\$17,286.05</u>	 <u>744,034</u>		 <u>\$249,790.74</u>	 <u>\$267,076.79</u>

UNITED CITIES GAS COMPANY  
TAKE-OR-PAY RECOVERIES FROM ALL CUSTOMERS  
CONSOLIDATED DISTRICT, MISSOURI  
MAY 1, 2000 THROUGH MAY 31, 2000

<u>MONTH</u>	<u>TARIFF SALES</u>	<u>TRANS SALES</u>	<u>TOTAL SALES</u>	<u>TOP RATE</u>	<u>TOP RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	0	0	0	\$0.0000	\$0.00	\$0.00
JULY	0	0	0	\$0.0000	\$0.00	\$0.00
AUGUST	0	0	0	\$0.0000	\$0.00	\$0.00
SEPTEMBER	0	0	0	\$0.0000	\$0.00	\$0.00
OCTOBER	0	0	0	\$0.0000	\$0.00	\$0.00
NOVEMBER	0	0	0	\$0.0000	\$0.00	\$0.00
DECEMBER	0	0	0	\$0.0000	\$0.00	\$0.00
JANUARY, 2000	0	0	0	\$0.0000	\$0.00	\$0.00
FEBRUARY	0	0	0	\$0.0000	\$0.00	\$0.00
MARCH	0	0	0	\$0.0000	\$0.00	\$0.00
APRIL	0	0	0	\$0.0000	\$0.00	\$0.00
MAY	<u>744,034</u>	<u>120,610</u>	<u>864,644</u>	(\$0.0022)	<u>(\$1,886.86)</u>	\$263,200.06 <u>(\$1,315.56)</u>
TOTAL	<u>744,034</u>	<u>120,610</u>	<u>864,644</u>		<u>(\$1,886.86)</u>	<u>\$261,884.50</u>

UNITED CITIES GAS COMPANY  
 CALCULATION OF ACA FACTOR  
 BOWLING GREEN, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

1. Invoiced Demand Cost (Exhibit II-A)	NA
2. ACA Balance for the period June 1, 1998 to May 31, 1999	NA
3. Demand Cost Recovered (Exhibit II-B)	<u>NA</u>
4. Demand Under/(Over)-Recovery	<u>NA</u>
5. Invoiced Commodity Cost (Exhibit II-A)	\$562,081.30
6. ACA Balance for the period June 1, 1998 to May 31, 1999	\$182,453.00
7. Commodity Cost Recovered (Exhibit II-B)	<u>\$731,207.10</u>
8. Commodity Under/(Over)-Recovery	<u>\$13,327.20</u>
9. Invoiced Take-or-Pay Cost (Exhibit II-A)	\$0.00
10. TOP ACA Balance for the period June 1, 1998 to May 31, 1999	(\$11.00)
11. Take-or-Pay Cost Recovered (Exhibit II-C)	<u>(\$64.21)</u>
12. Take-or-Pay Under/(Over)-Recovery	<u>\$53.21</u>
13. Firm Sales	<u>1,792,436</u>
14. Demand ACA (Item 4 divided by Item 13)	<u>\$0.0000</u>
15. Total Sales	<u>1,792,436</u>
16. Commodity ACA (Item 8 divided by Item 15)	<u>\$0.0074</u>
17. Take-or-Pay ACA (Item 12 divided by Item 15)	<u>\$0.0000</u>
18. Total ACA Applicable to Firm Customers (Items 14+16+17)	<u>\$0.0074</u>
19. Total ACA Applicable to Non-Firm Customers (Items 16+17)	<u>\$0.0074</u>
20. Total ACA Applicable to Transportation Customers (Item 17)	<u>\$0.0000</u>

UNITED CITIES GAS COMPANY  
 INVOICED COST OF GAS  
 BOWLING GREEN, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

SPOT MARKET

<u>MONTH</u>	<u>DEMAND CHARGE</u>	<u>COMMODITY VOLUME</u>	<u>RATE</u>	<u>COMMODITY COST</u>	<u>TRANS COST</u>	<u>STORAGE INJECTIONS</u>	<u>STORAGE WITHDRAWALS</u>	<u>TOTAL GAS COST</u>
JUNE, 1999	\$3,487.33	6,190	\$2.1149	\$13,091.49	\$2,383.96	(\$1,156.59)	\$264.06	\$18,070.25
JULY	\$3,487.33	6,396	\$2.1651	\$13,847.68	\$2,436.99	(\$2,435.00)	\$0.00	\$17,337.00
AUGUST	\$3,487.33	6,396	\$2.5051	\$16,022.37	\$2,435.70	(\$2,989.89)	\$0.00	\$18,955.51
SEPTEMBER	\$3,487.33	4,500	\$2.7650	\$12,442.50	\$1,662.76	\$0.00	\$2,699.84	\$20,292.43
OCTOBER	\$3,487.33	7,750	\$2.4250	\$18,793.75	\$2,854.15	\$0.00	\$8,978.14	\$34,113.37
NOVEMBER	\$3,487.33	15,000	\$3.0545	\$45,817.50	\$6,359.51	(\$4,387.94)	\$6,974.78	\$58,251.18
DECEMBER	\$3,487.33	24,708	\$2.2264	\$55,010.69	\$12,734.67	\$0.00	\$8,003.99	\$79,236.68
JANUARY, 2000	\$3,487.33	42,170	\$2.3745	\$100,132.67	\$15,418.86	(\$9,273.42)	\$4,022.54	\$113,787.98
FEBRUARY	\$3,487.33	31,271	\$2.6177	\$81,857.63	\$10,800.02	(\$9,327.22)	\$1,035.67	\$87,853.43
MARCH	\$3,487.33	22,560	\$2.5963	\$58,572.72	\$8,208.29	(\$4,299.36)	\$1,136.31	\$67,105.29
APRIL	\$3,487.33	12,750	\$2.8500	\$36,337.50	\$5,789.22	(\$1,683.45)	\$3,147.58	\$47,078.18
MAY	<u>\$0.00</u>	<u>0</u>	<u>\$0.0000</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
TOTAL	<u>\$38,360.63</u>	<u>179,691</u>		<u>\$451,926.50</u>	<u>\$71,084.13</u>	<u>(\$35,552.87)</u>	<u>\$36,262.91</u>	<u>\$562,081.30</u>



UNITED CITIES GAS COMPANY  
 COST RECOVERIES FROM TARIFF SALES  
 BOWLING GREEN, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

<u>MONTH</u>	<u>FIRM SALES</u>	<u>DEMAND RATE</u>	<u>DEMAND RECOVERIES</u>	<u>TOTAL SALES</u>	<u>COMMODITY RATE</u>	<u>COMMODITY RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	33,457	\$0.0000	\$0.00	33,457	\$0.2975	\$9,953.46	\$9,953.46
JULY	38,182	\$0.0000	\$0.00	38,182	\$0.3654	\$13,951.70	\$13,951.70
AUGUST	26,049	\$0.0000	\$0.00	26,049	\$0.3547	\$9,239.58	\$9,239.58
SEPTEMBER	72,001	\$0.0000	\$0.00	72,001	\$0.3547	\$25,538.75	\$25,538.75
OCTOBER	71,372	\$0.0000	\$0.00	71,372	\$0.3964	\$28,291.86	\$28,291.86
NOVEMBER	119,546	\$0.0000	\$0.00	119,546	\$0.3964	\$47,388.03	\$47,388.03
DECEMBER	281,547	\$0.0000	\$0.00	281,547	\$0.3964	\$111,605.23	\$111,605.23
JANUARY, 2000	347,704	\$0.0000	\$0.00	347,704	\$0.4966	\$172,669.81	\$172,669.81
FEBRUARY	366,601	\$0.0000	\$0.00	366,601	\$0.4151	\$152,176.08	\$152,176.08
MARCH	210,404	\$0.0000	\$0.00	210,404	\$0.3764	\$79,196.07	\$79,196.07
APRIL	153,538	\$0.0000	\$0.00	153,538	\$0.4018	\$61,691.57	\$61,691.57
MAY	0	\$0.0437	\$0.00	0	\$0.3803	\$0.00	\$0.00
ADJ TO BOOKS	-	\$0.0000	\$0.00	0	\$0.0000	\$19,504.96	\$19,504.96
TOTAL	<u>1,720,401</u>		<u>\$0.00</u>	<u>1,720,401</u>		<u>\$731,207.10</u>	<u>\$731,207.10</u>

## EXHIBIT II-C

UNITED CITIES GAS COMPANY  
TAKE-OR-PAY RECOVERIES FROM ALL SALES  
BOWLING GREEN, MISSOURI  
JUNE 1, 1999 THROUGH APRIL 30, 2000

<u>MONTH</u>	<u>TARIFF SALES</u>	<u>TRANSPORTATION SALES</u>	<u>TOTAL SALES</u>	<u>TOP RATE</u>	<u>TOP RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	33,457	0	33,457	(\$0.0001)	(\$3.35)	\$9,950.11
JULY	38,182	0	38,182	(\$0.0001)	(\$3.82)	\$13,947.88
AUGUST	26,049	0	26,049	(\$0.0001)	(\$2.60)	\$9,236.98
SEPTEMBER	72,001	0	72,001	(\$0.0001)	(\$7.20)	\$25,531.55
OCTOBER	71,372	0	71,372	(\$0.0001)	(\$7.14)	\$28,284.72
NOVEMBER	119,546	0	119,546	(\$0.0001)	(\$11.95)	\$47,376.08
DECEMBER	281,547	0	281,547	(\$0.0001)	(\$28.15)	\$111,577.08
JANUARY, 2000	347,704	0	347,704	\$0.0000	\$0.00	\$172,669.81
FEBRUARY	366,601	0	366,601	\$0.0000	\$0.00	\$152,176.08
MARCH	210,404	0	210,404	\$0.0000	\$0.00	\$79,196.07
APRIL	153,538	0	153,538	\$0.0000	\$0.00	\$61,691.57
MAY	<u>0</u>	<u>0</u>	<u>0</u>	\$0.0000	<u>\$0.00</u>	\$0.00
						<u>\$19,504.96</u>
TOTAL	<u>1,720,401</u>	<u>0</u>	<u>1,720,401</u>		<u>(\$64.21)</u>	<u>\$731,142.89</u>

UNITED CITIES GAS COMPANY  
REFUND ADJUSTMENT CALCULATION  
BOWLING GREEN, MISSOURI

	<u>FERC Docket No.</u>	<u>Total Refund</u>
1. Factor R1 :		
Not Applicable to this Filing		\$0.00
2. Factor R2 :		
Not Applicable to this Filing		\$0.00
3. Factor R3 :		
Residual Balance from the January 1, 1999 - January 1, 2000 filing (Exhibit III-A)		\$45.20
Residual Balance from the April 1, 1999 - April 1, 2000 filing (Exhibit III-B)		\$43.82
Residual Balance from the July 1, 1999 - July 1, 2000 filing (Exhibit III-C)		\$918.00
Residual Balance from the October 1, 1999 - October 1, 2000 filing (Exhibit III-D)		(\$15.64)
4. Factor i :		
Interest on the "Refund Due Customers" Account (Exhibit III-E)		\$ <u>(179.55)</u>
		\$811.83
5. Total Sales		1,792,436

## 6. Computation of Refund Adjustment:

$$\frac{\$811.83}{1,792,436} = \$0.000453 \text{ per Ccf or } \underline{\$0.0005}$$

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - BOWLING GREEN  
January 1, 1999 TO January 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$1,746.03)
January, 1999	Firm @	(\$0.0011)	350,671	(\$385.74)		
	Opt. @	\$0.0000	0	\$0.00	(\$385.74)	(\$1,360.29)
February, 1999	Firm @	(\$0.0011)	212,141	(\$233.36)		
	Opt. @	\$0.0000	0	\$0.00	(\$233.36)	(\$1,126.93)
March, 1999	Firm @	(\$0.0011)	218,280	(\$240.11)		
	Opt. @	\$0.0000	0	\$0.00	(\$240.11)	(\$886.82)
April, 1999	Firm @	(\$0.0011)	144,733	(\$159.21)		
	Opt. @	\$0.0000	0	\$0.00	(\$159.21)	(\$727.61)
May, 1999	Firm @	(\$0.0011)	60,413	(\$66.45)		
	Opt. @	\$0.0000	0	\$0.00	(\$66.45)	(\$661.16)
June, 1999	Firm @	(\$0.0011)	33,457	(\$36.80)		
	Opt. @	\$0.0000	0	\$0.00	(\$36.80)	(\$624.36)
July, 1999	Firm @	(\$0.0011)	38,182	(\$42.00)		
	Opt. @	\$0.0000	0	\$0.00	(\$42.00)	(\$582.36)
August, 1999	Firm @	(\$0.0011)	26,049	(\$28.65)		
	Opt. @	\$0.0000	0	\$0.00	(\$28.65)	(\$553.71)
September, 1999	Firm @	(\$0.0011)	72,001	(\$79.20)		
	Opt. @	\$0.0000	0	\$0.00	(\$79.20)	(\$474.51)
October, 1999	Firm @	(\$0.0011)	71,372	(\$78.51)		
	Opt. @	\$0.0000	0	\$0.00	(\$78.51)	(\$396.00)
November, 1999	Firm @	(\$0.0011)	119,546	(\$131.50)		
	Opt. @	\$0.0000	0	\$0.00	(\$131.50)	(\$264.50)
December, 1999	Firm @	(\$0.0011)	281,547	(\$309.70)		
	Opt. @	\$0.0000	0	\$0.00	(\$309.70)	\$45.20

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - BOWLING GREEN  
April 1, 1999 TO April 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$842.18)
April, 1999	Firm @	(\$0.0005)	144,733	(\$72.37)		
	Opt. @	\$0.0000	0	\$0.00	(\$72.37)	(\$769.81)
May, 1999	Firm @	(\$0.0005)	60,413	(\$30.21)		
	Opt. @	\$0.0000	0	\$0.00	(\$30.21)	(\$739.60)
June, 1999	Firm @	(\$0.0005)	33,457	(\$16.73)		
	Opt. @	\$0.0000	0	\$0.00	(\$16.73)	(\$722.87)
July, 1999	Firm @	(\$0.0005)	38,182	(\$19.09)		
	Opt. @	\$0.0000	0	\$0.00	(\$19.09)	(\$703.78)
August, 1999	Firm @	(\$0.0005)	26,049	(\$13.02)		
	Opt. @	\$0.0000	0	\$0.00	(\$13.02)	(\$690.76)
September, 1999	Firm @	(\$0.0005)	72,001	(\$36.00)		
	Opt. @	\$0.0000	0	\$0.00	(\$36.00)	(\$654.76)
October, 1999	Firm @	(\$0.0005)	71,372	(\$35.69)		
	Opt. @	\$0.0000	0	\$0.00	(\$35.69)	(\$619.07)
November, 1999	Firm @	(\$0.0005)	119,546	(\$59.77)		
	Opt. @	\$0.0000	0	\$0.00	(\$59.77)	(\$559.30)
December, 1999	Firm @	(\$0.0005)	281,547	(\$140.77)		
	Opt. @	\$0.0000	0	\$0.00	(\$140.77)	(\$418.53)
January, 2000	Firm @	(\$0.0005)	347,704	(\$173.85)		
	Opt. @	\$0.0000	0	\$0.00	(\$173.85)	(\$244.68)
February, 2000	Firm @	(\$0.0005)	366,601	(\$183.30)		
	Opt. @	\$0.0000	0	\$0.00	(\$183.30)	(\$61.38)
March, 2000	Firm @	(\$0.0005)	210,404	(\$105.20)		
	Opt. @	\$0.0000	0	\$0.00	(\$105.20)	\$43.82

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - BOWLING GREEN  
July 1, 1999 TO July 1, 2000

<u>MONTH</u>			<u>CCF SALES</u>	<u>AMOUNT REFUNDED</u>	<u>MONTHLY REFUND</u>	<u>BALANCE TO BE REFUNDED</u>
Balance to be Refunded						(\$5,110.31)
July, 1999	Firm @	(\$0.0031)	38,182	(\$118.36)		
	Opt. @	\$0.0000	0	\$0.00	(\$118.36)	(\$4,991.95)
August, 1999	Firm @	(\$0.0031)	26,049	(\$80.75)		
	Opt. @	\$0.0000		\$0.00	(\$80.75)	(\$4,911.20)
September, 1999	Firm @	(\$0.0031)	72,001	(\$223.20)		
	Opt. @	\$0.0000	0	\$0.00	(\$223.20)	(\$4,688.00)
October, 1999	Firm @	(\$0.0031)	71,372	(\$221.25)		
	Opt. @	\$0.0000	0	\$0.00	(\$221.25)	(\$4,466.75)
November, 1999	Firm @	(\$0.0031)	119,546	(\$370.59)		
	Opt. @	\$0.0000	0	\$0.00	(\$370.59)	(\$4,096.16)
December, 1999	Firm @	(\$0.0031)	281,547	(\$872.80)		
	Opt. @	\$0.0000	0	\$0.00	(\$872.80)	(\$3,223.36)
January, 2000	Firm @	(\$0.0031)	347,704	(\$1,077.88)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,077.88)	(\$2,145.48)
February, 2000	Firm @	(\$0.0031)	366,601	(\$1,136.46)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,136.46)	(\$1,009.02)
March, 2000	Firm @	(\$0.0031)	210,404	(\$652.25)		
	Opt. @	\$0.0000	0	\$0.00	(\$652.25)	(\$356.77)
April, 2000	Firm @	(\$0.0031)	153,538	(\$475.97)		
	Opt. @	\$0.0000	0	\$0.00	(\$475.97)	\$119.20
May, 2000	Firm @	(\$0.0031)	72,035	(\$223.31)		
	Opt. @	\$0.0000	0	\$0.00	(\$223.31)	\$342.51
June, 2000	Firm @	(\$0.0031)	59,578	(\$184.69)		
	Opt. @	\$0.0000	0	\$0.00	(\$184.69)	\$527.20
July, 2000	Firm @	(\$0.0031)	41,298	(\$128.02)		
	Opt. @	\$0.0000	0	\$0.00	(\$128.02)	\$655.22
August, 2000	Firm @	(\$0.0031)	37,677	(\$116.80)		
	Opt. @	\$0.0000	0	\$0.00	(\$116.80)	\$772.02
September, 2000	Firm @	(\$0.0031)	47,091	(\$145.98)		
	Opt. @	\$0.0000	0	\$0.00	(\$145.98)	\$918.00

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - BOWLING GREEN  
October 1, 1999 TO October 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$558.14)
October, 1999	Firm @	(\$0.0003)	71,372	(\$21.41)		
	Opt. @	\$0.0000	0	\$0.00	(\$21.41)	(\$536.73)
November, 1999	Firm @	(\$0.0003)	119,546	(\$35.86)		
	Opt. @	\$0.0000	0	\$0.00	(\$35.86)	(\$500.87)
December, 1999	Firm @	(\$0.0003)	281,547	(\$84.46)		
	Opt. @	\$0.0000	0	\$0.00	(\$84.46)	(\$416.41)
January, 2000	Firm @	(\$0.0003)	347,704	(\$104.31)		
	Opt. @	\$0.0000	0	\$0.00	(\$104.31)	(\$312.10)
February, 2000	Firm @	(\$0.0003)	366,601	(\$109.98)		
	Opt. @	\$0.0000	0	\$0.00	(\$109.98)	(\$202.12)
March, 2000	Firm @	(\$0.0003)	210,404	(\$63.12)		
	Opt. @	\$0.0000	0	\$0.00	(\$63.12)	(\$139.00)
April, 2000	Firm @	(\$0.0003)	153,538	(\$46.06)		
	Opt. @	\$0.0000	0	\$0.00	(\$46.06)	(\$92.94)
May, 2000	Firm @	(\$0.0003)	72,035	(\$21.61)		
	Opt. @	\$0.0000	0	\$0.00	(\$21.61)	(\$71.33)
June, 2000	Firm @	(\$0.0003)	59,578	(\$17.87)		
	Opt. @	\$0.0000	0	\$0.00	(\$17.87)	(\$53.46)
July, 2000	Firm @	(\$0.0003)	41,298	(\$12.39)		
	Opt. @	\$0.0000	0	\$0.00	(\$12.39)	(\$41.07)
August, 2000	Firm @	(\$0.0003)	37,677	(\$11.30)		
	Opt. @	\$0.0000	0	\$0.00	(\$11.30)	(\$29.77)
September, 2000	Firm @	(\$0.0003)	47,091	(\$14.13)		
	Opt. @	\$0.0000	0	\$0.00	(\$14.13)	(\$15.64)

<u>MONTH</u>	<u>BEGINNING</u> <u>BALANCE</u>	<u>ADDITIONAL</u> <u>REFUNDS</u>	<u>AMOUNTS</u> <u>REFUNDED</u>	<u>ENDING</u> <u>BALANCE</u>	<u>AVERAGE</u> <u>BALANCE</u>	<u>INTEREST</u>
July, 1999	\$ (6,157.77)	\$ -	\$ 179.45	\$ (5,978.32)	\$ (6,068.05)	\$ (34.13)
August	\$ (6,012.45)	\$ -	\$ 122.42	\$ (5,890.03)	\$ (5,951.24)	\$ (33.48)
September	\$ (5,923.51)	\$ -	\$ 338.40	\$ (5,585.11)	\$ (5,754.31)	<u>\$ (32.37)</u> <u>\$ (99.98)</u>
October, 1999	\$ (5,617.48)	\$ -	356.86	\$ (5,260.62)	\$ (5,439.05)	\$ (31.45)
November	\$ (5,292.07)	\$ -	597.72	\$ (4,694.35)	\$ (4,993.21)	\$ (28.88)
December	\$ (4,723.23)	\$ -	1,407.73	\$ (3,315.50)	\$ (4,019.37)	<u>\$ (23.24)</u> <u>\$ (83.57)</u>
January 2000	\$ (3,338.74)	\$ -	\$1,356.04	\$ (1,982.70)	\$ (2,660.72)	\$ (16.16)
February	\$ (1,998.86)	\$ -	\$1,429.74	\$ (569.12)	\$ (1,283.99)	\$ (7.80)
March	\$ (576.92)	\$ -	\$820.57	\$ 243.65	\$ (166.63)	<u>\$ (1.01)</u> <u>\$ (24.97)</u>
April 2000	\$ 242.64	\$ -	\$522.03	\$ 764.67	\$ 503.66	\$ 3.18
May	\$ 767.85	\$ -	\$244.92	\$ 1,012.77	\$ 890.31	\$ 5.62
June	\$ 1,018.39	\$ -	\$202.56	\$ 1,220.95	\$ 1,119.67	<u>\$ 7.07</u> <u>\$ 15.87</u>
July	\$ 1,228.02	\$ -	\$140.41	\$ 1,368.43	\$ 1,298.23	\$ 8.68
August	\$ 1,377.11	\$ -	\$128.10	\$ 1,505.21	\$ 1,441.16	\$ 9.63
September	\$ 1,514.84	\$ -	\$160.11	\$ 1,674.95	\$ 1,594.90	<u>\$ 10.66</u> <u>\$ 28.97</u>
				<b>TOTAL</b>		<b>\$ (179.55)</b>



UNITED CITIES GAS COMPANY  
 CALCULATION OF ACA FACTOR  
 HANNIBAL AND CANTON, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

1. Invoiced Demand Cost (Exhibit II-A)	\$411,613.24
2. ACA Balance for the period June 1, 1998 to May 31, 1999	(\$344,568.00)
3. Demand Cost Recovered (Exhibits II-B and II-D)	<u>\$298,991.02</u>
4. Demand Under/(Over)-Recovery	<u>(\$231,945.78)</u>
5. Invoiced Commodity Cost (Exhibit II-A)	\$4,510,991.66
6. ACA Balance for the period June 1, 1998 to May 31, 1999	(\$33,468.00)
7. Commodity Cost Recovered (Exhibits II-B and II-D)	<u>\$4,196,535.81</u>
8. Commodity Under/(Over)-Recovery	<u>\$280,987.85</u>
9. Invoiced Take-or-Pay Cost (Exhibit II-A)	\$0.00
10. TOP ACA Balance for the period June 1, 1998 to May 31, 1999	(\$31,911.37)
11. Take-or-Pay Cost Recovered (Exhibit II-C)	<u>(\$42,648.51)</u>
12. Take-or-Pay Under/(Over)-Recovery	<u>\$10,737.14</u>
13. Firm Sales	<u>13,545,680</u>
14. Demand ACA (Item 4 divided by Item 13)	<u>(\$0.0171)</u>
15. Total Sales (excluding transportation sales)	<u>13,940,019</u>
16. Total Sales (including transportation sales)	<u>15,677,299</u>
17. Commodity ACA (Item 8 divided by Item 15)	<u>\$0.0202</u>
18. Take-or-Pay ACA (Item 12 divided by Item 16)	<u>\$0.0007</u>
19. Total ACA Applicable to Firm Customers (Items 14+17+18)	<u>\$0.0038</u>
20. Total ACA Applicable to Non-Firm Customers (Items 17+18)	<u>\$0.0209</u>
21. Total ACA Applicable to Transportation Customers (Item 18)	<u>\$0.0007</u>

UNITED CITIES GAS COMPANY  
INVOICED COST OF GAS  
HANNIBAL AND CANTON, MISSOURI  
JUNE 1, 1999 THROUGH APRIL 30, 2000

MONTH	PANHANDLE EASTERN PIPE LINE COMPANY					PROPANE			SPOT MARKET					TOTAL GAS COST
	FSAWS DEMAND	EFT DEMAND	IOS DEMAND	COMMODITY VOLUME	RATE	COMMODITY COST	FSAWS INJ/WITH	STORAGE COST	COMMODITY VOLUME	RATE	COMMODITY COST	STORAGE INJECTION	STORAGE WITHDRAWALS	
JUNE, 1999	\$37,206.62	\$67,796.26	\$9,266.73	232,844	\$0.0093	\$2,160.14	\$265.51	\$0.00	123,059	\$2.1150	\$260,270.36	(\$174,164.93)	\$0.00	\$202,800.69
JULY	\$37,206.62	\$67,791.66	\$9,266.73	216,551	\$0.0091	\$1,972.35	\$274.36	\$0.00	114,399	\$2.1650	\$247,674.67	(\$185,719.18)	\$4,361.93	\$182,849.14
AUGUST	\$37,206.62	\$67,663.38	\$9,266.73	237,603	\$0.0092	\$2,190.71	\$274.36	\$0.00	125,760	\$2.5050	\$315,027.94	(\$215,763.38)	\$0.00	\$215,866.36
SEPTEMBER	\$37,206.62	\$68,045.29	\$9,266.73	190,503	\$0.0116	\$2,204.57	\$45.88	\$0.00	61,751	\$2.7650	\$170,740.29	(\$20,488.19)	\$4,621.45	\$271,642.63
OCTOBER	\$37,206.62	\$80,428.64	\$9,266.73	397,997	\$0.0088	\$3,491.81	\$46.97	\$0.00	114,331	\$2.4250	\$277,253.29	(\$33,231.29)	\$0.00	\$374,462.77
NOVEMBER	\$37,206.61	\$85,441.53	\$9,266.73	254,355	\$0.0100	\$2,546.74	\$12.61	\$0.00	132,432	\$3.2440	\$429,608.32	(\$17,230.70)	\$10,837.29	\$557,689.12
DECEMBER	\$37,206.61	\$85,441.53	\$9,266.73	448,686	\$0.0101	\$4,547.78	\$301.78	\$0.00	198,179	\$2.1882	\$433,647.53	(\$55,165.94)	\$252,923.02	\$768,169.03
JANUARY, 2000	\$37,206.61	\$85,310.35	\$9,266.73	503,917	\$0.0104	\$5,243.55	\$435.19	\$0.00	185,093	\$2.3808	\$440,674.33	(\$13,398.90)	\$279,795.45	\$844,533.32
FEBRUARY	\$37,206.61	\$85,310.35	\$9,266.73	359,504	\$0.0102	\$3,660.68	\$250.41	\$0.00	150,779	\$2.6200	\$395,040.46	(\$110,323.36)	\$232,638.10	\$653,049.9
MARCH	\$37,206.61	\$85,310.35	\$9,266.73	276,107	\$0.0096	\$2,638.36	\$214.45	\$0.00	98,134	\$2.5981	\$254,961.52	(\$64,828.10)	\$142,826.94	\$467,596.8
APRIL	\$37,206.61	\$57,999.20	\$9,266.73	393,114	\$0.0090	\$3,547.29	\$219.00	\$0.00	157,664	\$2.8246	\$445,342.33	(\$204,324.81)	\$34,688.67	\$383,945.01
MAY	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$409,272.74	\$836,538.53	\$101,934.05	3,511,183		\$34,203.97	\$2,340.50	\$0.00	1,461,582		\$3,670,241.03	(\$1,094,638.78)	\$962,712.85	\$4,922,604.90

UNITED CITIES GAS COMPANY  
 COST RECOVERIES FROM TARIFF CUSTOMERS  
 HANNIBAL AND CANTON, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

<u>MONTH</u>	<u>FIRM SALES</u>	<u>DEMAND RATE</u>	<u>DEMAND RECOVERIES</u>	<u>TOTAL SALES</u>	<u>COMMODITY RATE</u>	<u>COMMODITY RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	313,015	\$0.0207	\$6,479.41	324,096	\$0.2036	\$65,985.95	\$72,465.36
JULY	364,337	\$0.0207	\$7,541.78	383,875	\$0.2641	\$101,381.39	\$108,923.17
AUGUST	229,347	\$0.0207	\$4,747.48	233,019	\$0.2531	\$58,977.11	\$63,724.59
SEPTEMBER	708,034	\$0.0207	\$14,656.30	749,599	\$0.2531	\$189,723.51	\$204,379.81
OCTOBER	608,788	\$0.0207	\$13,050.15	630,442	\$0.2866	\$180,684.68	\$193,734.83
NOVEMBER	571,193	\$0.0207	\$11,823.70	601,141	\$0.2866	\$172,287.01	\$184,110.71
DECEMBER	1,821,642	\$0.0207	\$37,707.99	1,880,302	\$0.2866	\$538,894.55	\$576,602.54
JANUARY, 2000	2,642,158	\$0.0243	\$64,204.44	2,696,820	\$0.3731	\$1,006,183.54	\$1,070,387.98
FEBRUARY	2,735,338	\$0.0243	\$66,468.71	2,793,703	\$0.2929	\$818,275.61	\$884,744.32
MARCH	1,649,056	\$0.0243	\$40,072.06	1,700,930	\$0.3138	\$533,751.83	\$573,823.89
APRIL	1,326,708	\$0.0243	\$32,239.00	1,349,768	\$0.3389	\$457,436.38	\$489,675.38
MAY	0	\$0.0210	\$0.00	0	\$0.3224	\$0.00	\$0.00
ADJ TO BOOKS	0	\$0.0000	\$0.00	0	\$0.0000	\$72,954.25	\$72,954.25
TOTAL	<u>12,969,616</u>		<u>\$298,991.02</u>	<u>13,343,695</u>		<u>\$4,196,535.81</u>	<u>\$4,495,526.83</u>

## EXHIBIT II-C

UNITED CITIES GAS COMPANY  
TAKE-OR-PAY RECOVERIES FROM ALL CUSTOMERS  
HANNIBAL AND CANTON, MISSOURI  
JUNE 1, 1999 THROUGH APRIL 30, 2000

<u>MONTH</u>	<u>TARIFF SALES</u>	<u>TRANS SALES</u>	<u>TOTAL SALES</u>	<u>TOP RATE</u>	<u>TOP RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	324,096	107,831	431,927	(\$0.0045)	(\$1,943.67)	\$70,521.69
JULY	383,875	256,039	639,914	(\$0.0045)	(\$2,879.61)	\$106,043.56
AUGUST	233,019	128,430	361,449	(\$0.0045)	(\$1,626.52)	\$62,098.07
SEPTEMBER	749,599	92,090	841,689	(\$0.0045)	(\$3,787.60)	\$200,592.21
OCTOBER	630,442	105,960	736,402	(\$0.0045)	(\$3,313.81)	\$190,421.02
NOVEMBER	601,141	118,020	719,161	(\$0.0045)	(\$3,236.22)	\$180,874.49
DECEMBER	1,880,302	186,950	2,067,252	(\$0.0045)	(\$9,302.63)	\$567,299.91
JANUARY, 2000	2,696,820	214,460	2,911,280	(\$0.0018)	(\$5,240.30)	\$1,065,147.68
FEBRUARY	2,793,703	179,970	2,973,673	(\$0.0018)	(\$5,352.61)	\$879,391.71
MARCH	1,700,930	155,750	1,856,680	(\$0.0018)	(\$3,342.02)	\$570,481.87
APRIL	1,349,768	107,730	1,457,498	(\$0.0018)	(\$2,623.50)	\$487,051.88
MAY	<u>0</u>	<u>0</u>	<u>0</u>	(\$0.0018)	\$0.00	\$0.00
 TOTAL	 <u>13,343,695</u>	 <u>1,653,230</u>	 <u>14,996,925</u>		 <u>(\$42,648.51)</u>	 <u>\$4,379,924.07</u>

## EXHIBIT III

UNITED CITIES GAS COMPANY  
REFUND ADJUSTMENT CALCULATION  
HANNIBAL AND CANTON DISTRICTS, MISSOURI

	<u>FERC Docket No.</u>	<u>Total Refund</u>
1. Factor R1:		
Panhandle Eastern Pipe Line Co. Refund - June 14, 2000		\$ (32,561.00)
2. Factor R2:		
Not Applicable to this Filing		\$ -
3. Factor R3:		
Residual Balance from the January 1, 1999 - January 1, 2000 (Exhibit III-A)		(\$8,664.12)
Residual Balance from the April 1, 1999 - April 1, 2000 (Exhibit III-B)		(\$4,100.10)
Residual Balance from the July 1, 1999 - July 1, 2000 (Exhibit III-C)		(\$72,959.17)
Residual Balance from the October 1, 1999 - October 1, 2000 (Exhibit III-D)		(\$11,095.54)
4. Factor I:		
Interest on the "Refund Due Customers" Account (Exhibit II-C)		<u>(\$16,090.97)</u>
		\$ (145,470.90)
5. Total Sales:		13,940,019
6. Computation of Refund Adjustment:		
	$\frac{(\$145,470.90)}{13,940,019}$	$= \quad \$ (0.010435) \quad \text{Per Ccf or} \quad \$ \quad (0.0104)$

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - HANNIBAL AND CANTON  
JANUARY 1, 1999 TO JANUARY 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$23,908.68)
January, 1999	Firm @	(\$0.0010)	3,718,056	(\$3,718.06)		
	Opt. @	\$0.0000	0	\$0.00	(\$3,718.06)	(\$20,190.62)
February, 1999	Firm @	(\$0.0010)	2,377,626	(\$2,377.63)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,377.63)	(\$17,812.99)
March, 1999	Firm @	(\$0.0010)	2,293,623	(\$2,293.62)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,293.62)	(\$15,519.37)
April, 1999	Firm @	(\$0.0010)	1,434,311	(\$1,434.31)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,434.31)	(\$14,085.06)
May, 1999	Firm @	(\$0.0010)	647,110	(\$647.11)		
	Opt. @	\$0.0000	0	\$0.00	(\$647.11)	(\$13,437.95)
June, 1999	Firm @	(\$0.0010)	324,096	(\$324.10)		
	Opt. @	\$0.0000	0	\$0.00	(\$324.10)	(\$13,113.85)
July, 1999	Firm @	(\$0.0010)	383,875	(\$383.88)		
	Opt. @	\$0.0000	0	\$0.00	(\$383.88)	(\$12,729.97)
August, 1999	Firm @	(\$0.0010)	233,019	(\$233.02)		
	Opt. @	\$0.0000	0	\$0.00	(\$233.02)	(\$12,496.95)
September, 1999	Firm @	(\$0.0010)	749,599	(\$749.60)		
	Opt. @	\$0.0000	0	\$0.00	(\$749.60)	(\$11,747.35)
October, 1999	Firm @	(\$0.0010)	630,442	(\$630.44)		
	Opt. @	\$0.0000	0	\$0.00	(\$630.44)	(\$11,116.91)
November, 1999	Firm @	(\$0.0010)	601,141	(\$601.14)		
	Opt. @	\$0.0000	0	\$0.00	(\$601.14)	(\$10,515.77)
December, 1999	Firm @	(\$0.0010)	1,880,302	(\$1,880.30)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,880.30)	(\$8,635.47)
Adjustment to Refund Balance					28.65	(\$8,664.12)

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - HANNIBAL AND CANTON  
APRIL 1, 1999 TO APRIL 1, 2000

<u>MONTH</u>			<u>TOTAL CCF SALES</u>	<u>AMOUNT REFUNDED</u>	<u>MONTHLY REFUND</u>	<u>BALANCE TO BE REFUNDED</u>
Balance to be Refunded						(\$9,730.24)
April, 1999	Firm @	(\$0.0004)	1,434,311	(\$573.72)		
	Opt. @	\$0.0000	0	\$0.00	(\$573.72)	(\$9,156.52)
May, 1999	Firm @	(\$0.0004)	647,110	(\$258.84)		
	Opt. @	\$0.0000	0	\$0.00	(\$258.84)	(\$8,897.68)
June, 1999	Firm @	(\$0.0004)	324,096	(\$129.64)		
	Opt. @	\$0.0000	0	\$0.00	(\$129.64)	(\$8,768.04)
July, 1999	Firm @	(\$0.0004)	383,875	(\$153.55)		
	Opt. @	\$0.0000	0	\$0.00	(\$153.55)	(\$8,614.49)
August, 1999	Firm @	(\$0.0004)	233,019	(\$93.21)		
	Opt. @	\$0.0000	0	\$0.00	(\$93.21)	(\$8,521.28)
September, 1999	Firm @	(\$0.0004)	749,599	(\$299.84)		
	Opt. @	\$0.0000	0	\$0.00	(\$299.84)	(\$8,221.44)
October, 1999	Firm @	(\$0.0004)	630,442	(\$252.18)		
	Opt. @	\$0.0000	0	\$0.00	(\$252.18)	(\$7,969.26)
November, 1999	Firm @	(\$0.0004)	601,141	(\$240.46)		
	Opt. @	\$0.0000	0	\$0.00	(\$240.46)	(\$7,728.80)
December, 1999	Firm @	(\$0.0004)	1,880,302	(\$752.12)		
	Opt. @	\$0.0000	0	\$0.00	(\$752.12)	(\$6,976.68)
January, 1999	Firm @	(\$0.0004)	2,696,820	(\$1,078.73)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,078.73)	(\$5,897.95)
February, 1999	Firm @	(\$0.0004)	2,793,703	(\$1,117.48)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,117.48)	(\$4,780.47)
March, 1999	Firm @	(\$0.0004)	1,700,930	(\$680.37)		
	Opt. @	\$0.0000	0	\$0.00	(\$680.37)	(\$4,100.10)

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - HANNIBAL AND CANTON  
JULY 1, 1999 TO JULY 1, 2000

<u>MONTH</u>			<u>CCF SALES</u>	<u>AMOUNT REFUNDED</u>	<u>MONTHLY REFUND</u>	<u>BALANCE TO BE REFUNDED</u>
Balance to be Refunded						(\$197,637.31)
July, 1999	Firm @	(\$0.0083)	383,875	(\$3,186.16)		
	Opt. @	\$0.0000	0	\$0.00	(\$3,186.16)	(\$194,451.15)
August, 1999	Firm @	(\$0.0083)	233,019	(\$1,934.06)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,934.06)	(\$192,517.09)
September, 1999	Firm @	(\$0.0083)	749,599	(\$6,221.67)		
	Opt. @	\$0.0000	0	\$0.00	(\$6,221.67)	(\$186,295.42)
October, 1999	Firm @	(\$0.0083)	630,442	(\$5,232.67)		
	Opt. @	\$0.0000	0	\$0.00	(\$5,232.67)	(\$181,062.75)
November, 1999	Firm @	(\$0.0083)	601,141	(\$4,989.47)		
	Opt. @	\$0.0000	0	\$0.00	(\$4,989.47)	(\$176,073.28)
December, 1999	Firm @	(\$0.0083)	1,880,302	(\$15,606.51)		
	Opt. @	\$0.0000	0	\$0.00	(\$15,606.51)	(\$160,466.77)
January, 2000	Firm @	(\$0.0083)	2,696,820	(\$22,383.61)		
	Opt. @	\$0.0000	0	\$0.00	(\$22,383.61)	(\$138,083.16)
February, 2000	Firm @	(\$0.0083)	2,793,703	(\$23,187.73)		
	Opt. @	\$0.0000	0	\$0.00	(\$23,187.73)	(\$114,895.43)
March, 2000	Firm @	(\$0.0083)	1,700,930	(\$14,117.72)		
	Opt. @	\$0.0000	0	\$0.00	(\$14,117.72)	(\$100,777.71)
April, 2000	Firm @	(\$0.0083)	1,349,768	(\$11,203.07)		
	Opt. @	\$0.0000	0	\$0.00	(\$11,203.07)	(\$89,574.64)
May, 2000	Firm @	(\$0.0083)	596,324	(\$4,949.49)		
	Opt. @	\$0.0000	0	\$0.00	(\$4,949.49)	(\$84,625.15)
June, 2000	Firm @	(\$0.0083)	334,567	(\$2,776.91)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,776.91)	(\$81,848.24)
July, 2000	Firm @	(\$0.0083)	322,183	(\$2,674.12)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,674.12)	(\$79,174.12)
August, 2000	Firm @	(\$0.0083)	282,701	(\$2,346.42)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,346.42)	(\$76,827.70)
September, 2000	Firm @	(\$0.0083)	466,088	(\$3,868.53)		
	Opt. @	\$0.0000	0	\$0.00	(\$3,868.53)	(\$72,959.17)



UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - HANNIBAL AND CANTON  
OCTOBER 1, 1999 TO OCTOBER 1, 2000

<u>MONTH</u>			<u>TOTAL CCF SALES</u>	<u>AMOUNT REFUNDED</u>	<u>MONTHLY REFUND</u>	<u>BALANCE TO BE REFUNDED</u>
Balance to be Refunded						(\$24,750.50)
October, 1999	Firm @	(\$0.0010)	630,442	(\$630.44)		
	Opt. @	\$0.0000	0	\$0.00	(\$630.44)	(\$24,120.06)
November, 1999	Firm @	(\$0.0010)	601,141	(\$601.14)		
	Opt. @	\$0.0000	0	\$0.00	(\$601.14)	(\$23,518.92)
December, 1999	Firm @	(\$0.0010)	1,880,302	(\$1,880.30)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,880.30)	(\$21,638.62)
January, 2000	Firm @	(\$0.0010)	2,696,820	(\$2,696.82)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,696.82)	(\$18,941.80)
February, 2000	Firm @	(\$0.0010)	2,793,703	(\$2,793.70)		
	Opt. @	\$0.0000	0	\$0.00	(\$2,793.70)	(\$16,148.10)
March, 2000	Firm @	(\$0.0010)	1,700,930	(\$1,700.93)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,700.93)	(\$14,447.17)
April, 2000	Firm @	(\$0.0010)	1,349,768	(\$1,349.77)		
	Opt. @	\$0.0000	0	\$0.00	(\$1,349.77)	(\$13,097.40)
May, 2000	Firm @	(\$0.0010)	596,324	(\$596.32)		
	Opt. @	\$0.0000	0	\$0.00	(\$596.32)	(\$12,501.08)
June, 2000	Firm @	(\$0.0010)	334,567	(\$334.57)		
	Opt. @	\$0.0000	0	\$0.00	(\$334.57)	(\$12,166.51)
July, 2000	Firm @	(\$0.0010)	322,183	(\$322.18)		
	Opt. @	\$0.0000	0	\$0.00	(\$322.18)	(\$11,844.33)
August, 2000	Firm @	(\$0.0010)	282,701	(\$282.70)		
	Opt. @	\$0.0000	0	\$0.00	(\$282.70)	(\$11,561.63)
September, 2000	Firm @	(\$0.0010)	466,088	(\$466.09)		
	Opt. @	\$0.0000	0	\$0.00	(\$466.09)	(\$11,095.54)

UNITED CITIES GAS COMPANY  
INTEREST ON 'REFUND DUE CUSTOMERS' ACCOUNT  
HANNIBAL AND CANTON DISTRICTS, MISSOURI

<u>MONTH</u>	<u>BEGINNING BALANCE</u>	<u>ADDITIONAL REFUNDS</u>	<u>AMOUNTS REFUNDED</u>	<u>ENDING BALANCE</u>	<u>AVERAGE BALANCE</u>	<u>INTEREST</u>
July, 1999	(\$247,949.54)	\$ -	\$ 3,723.59	(\$244,225.95)	\$ (246,087.75)	(\$1,384.24)
August, 1999	(\$245,610.19)	\$ -	\$ 2,260.29	(\$243,349.90)	\$ (244,480.05)	(\$1,375.20)
September, 1999	(\$244,725.10)	\$ -	\$ 7,271.11	(\$237,453.99)	\$ (241,089.55)	<u>(\$1,356.13)</u> (\$4,115.57)
October, 1999	(\$238,810.12)	\$ -	\$ 6,745.73	(\$232,064.39)	\$ (235,437.26)	(\$1,361.53)
November	(\$233,425.92)	\$ -	\$ 6,432.21	(\$226,993.71)	\$ (230,209.82)	(\$1,331.30)
December	(\$228,325.01)	\$ -	\$ 20,119.23	(\$208,205.78)	\$ (218,265.40)	<u>(\$1,262.23)</u> (\$3,955.06)
January 2000	(\$209,468.01)	\$ -	25,832.55	(\$183,635.46)	(\$196,551.74)	(\$1,194.05)
February	(\$184,829.51)	\$ -	27,098.91	(\$157,730.60)	(\$171,280.06)	(\$1,040.53)
March	(\$158,771.13)	\$ -	16,499.02	(\$142,272.11)	(\$150,521.62)	<u>(\$914.42)</u> (\$3,149.00)
April, 2000	(\$143,186.53)	\$ -	12,552.84	(\$130,633.69)	(\$136,910.11)	(\$864.86)
May	(\$131,498.55)	\$ -	5,545.81	(\$125,952.74)	(\$128,725.65)	(\$813.16)
June	(\$126,765.90)	\$ -	3,111.48	(\$123,654.42)	(\$125,210.16)	<u>(\$790.95)</u> (\$2,468.97)
July, 2000	(\$124,445.37)	\$ -	2,996.30	(\$121,449.07)	(\$122,947.22)	(\$821.66)
August	(\$122,270.73)	\$ -	2,619.12	(\$119,651.61)	(\$120,961.17)	(\$808.38)
September	(\$120,459.99)	\$ -	4,329.62	(\$116,130.37)	(\$118,295.18)	<u>(\$790.57)</u> (\$2,420.61)
				<b>TOTAL</b>		<u><b>(\$16,109.21)</b></u>

UNITED CITIES GAS COMPANY  
 CALCULATION OF ACA FACTOR  
 PALMYRA, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

1. Invoiced Demand Cost (Exhibit II-A)	\$68,010.67
2. ACA Balance for the period June 1, 1998 to May 31, 1999	(\$31,271.00)
3. Demand Cost Recovered (Exhibits II-B and II-D)	<u>\$40,450.11</u>
4. Demand Under/(Over)-Recovery	<u>(\$3,710.44)</u>
5. Invoiced Commodity Cost (Exhibit II-A)	\$656,837.40
6. ACA Balance for the period June 1, 1998 to May 31, 1999	\$161,107.00
7. Commodity Cost Recovered (Exhibits II-B and II-D)	<u>\$550,112.72</u>
8. Commodity Under/(Over)-Recovery	<u>\$267,831.68</u>
9. Invoiced Take-or-Pay Cost (Exhibit II-A)	\$0.00
10. TOP ACA Balance for the period June 1, 1998 to May 31, 1999	(\$12,396.00)
11. Take-or-Pay Cost Recovered (Exhibit II-C)	<u>(\$11,658.29)</u>
12. Take-or-Pay Under/(Over)-Recovery	<u>(\$737.71)</u>
13. Firm Sales	<u>1,532,835</u>
14. Demand ACA (Item 4 divided by Item 13)	<u>(\$0.0024)</u>
15. Total Sales (excluding transportation sales)	<u>1,628,555</u>
16. Total Sales (including transportation sales)	<u>2,313,285</u>
17. Commodity ACA (Item 8 divided by Item 15)	<u>\$0.1645</u>
18. Take-or-Pay ACA (Item 12 divided by Item 16)	<u>(\$0.0003)</u>
19. Total ACA Applicable to Firm Customers (Items 14+17+18)	<u>\$0.1618</u>
20. Total ACA Applicable to Non-Firm Customers (Items 17+18)	<u>\$0.1642</u>
21. Total ACA Applicable to Transportation Customers (Item 18)	<u>(\$0.0003)</u>

UNITED CITIES GAS COMPANY  
INVOICED COST OF GAS  
PALMYRA, MISSOURI  
JUNE 1, 1999 THROUGH APRIL 30, 2000

PANHANDLE EASTERN PIPE LINE COMPANY								SPOT MARKET					
MONTH	FS/WS DEMAND	EFT DEMAND	IOS DEMAND	COMMODITY VOLUME	RATE	COMMODITY COST	FS/WS INJ/WITH	COMMODITY VOLUME	RATE	COMMODITY COST	STORAGE INJECTION	STORAGE WITHDRAWALS	TOTAL GAS COST
JUNE, 1999	\$6,147.63	\$11,201.95	\$1,531.14	37,308	\$0.0093	\$346.11	\$43.87	19,718	\$2.1150	\$41,702.44	(\$35,395.38)	\$0.00	\$25,577.76
JULY	\$6,147.63	\$11,201.19	\$1,531.14	62,726	\$0.0091	\$571.30	\$45.33	33,137	\$2.1650	\$71,740.69	(\$37,408.88)	\$0.00	\$53,828.40
AUGUST	\$6,147.63	\$11,179.99	\$1,531.14	41,143	\$0.0092	\$379.34	\$45.33	21,776	\$2.5050	\$54,549.65	(\$42,776.03)	\$0.00	\$31,057.05
SEPTEMBER	\$6,147.63	\$11,243.09	\$1,531.14	27,190	\$0.0116	\$314.65	\$7.58	8,813	\$2.7650	\$24,369.17	(\$41,783.04)	\$0.00	\$1,830.23
OCTOBER	\$6,147.63	\$13,289.19	\$1,531.14	49,845	\$0.0088	\$437.31	\$7.76	14,319	\$2.4250	\$34,722.96	(\$42,776.03)	\$0.00	\$13,359.96
NOVEMBER	\$6,147.63	\$14,117.46	\$1,531.14	30,669	\$0.0100	\$307.07	\$2.08	15,968	\$3.2440	\$51,799.48	\$0.00	\$0.00	\$73,904.87
DECEMBER	\$6,147.63	\$14,117.46	\$1,531.14	54,551	\$0.0101	\$552.91	\$49.86	24,095	\$2.1882	\$52,722.51	(\$17,321.40)	\$37,610.74	\$95,410.8
JANUARY, 2000	\$6,147.63	\$14,095.79	\$1,531.14	61,393	\$0.0104	\$638.83	\$71.91	22,550	\$2.3808	\$53,687.72	\$0.00	\$61,349.17	\$137,522.1
FEBRUARY	\$6,147.63	\$14,095.79	\$1,531.14	43,482	\$0.0102	\$442.76	\$41.37	18,237	\$2.6200	\$47,780.37	\$0.00	\$79,374.50	\$149,413.56
MARCH	\$6,147.63	\$14,095.79	\$1,531.14	34,091	\$0.0096	\$325.76	\$35.43	12,116	\$2.5981	\$31,479.91	\$0.00	\$49,536.12	\$103,151.78
APRIL	\$6,147.63	\$9,583.18	\$1,531.14	49,084	\$0.0090	\$442.91	\$36.18	19,686	\$2.8246	\$55,605.17	(\$33,554.81)	\$0.00	\$39,791.41
MAY	\$0.00	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	0	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$67,623.95	\$138,220.89	\$16,842.52	491,480		\$4,758.96	\$386.72	210,414		\$520,160.08	(\$251,015.57)	\$227,870.53	\$724,848.07

UNITED CITIES GAS COMPANY  
 COST RECOVERIES FROM TARIFF CUSTOMERS  
 PALMYRA, MISSOURI  
 JUNE 1, 1999 THROUGH APRIL 30, 2000

<u>MONTH</u>	<u>FIRM SALES</u>	<u>DEMAND RATE</u>	<u>DEMAND RECOVERIES</u>	<u>TOTAL SALES</u>	<u>COMMODITY RATE</u>	<u>COMMODITY RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	40,562	\$0.0205	\$831.52	48,052	\$0.1919	\$9,221.18	\$10,052.70
JULY	34,374	\$0.0205	\$704.67	108,214	\$0.2524	\$27,313.21	\$28,017.88
AUGUST	27,278	\$0.0205	\$559.20	38,558	\$0.2414	\$9,307.90	\$9,867.10
SEPTEMBER	99,504	\$0.0205	\$2,039.83	99,504	\$0.2414	\$24,020.27	\$26,060.10
OCTOBER	51,520	\$0.0205	\$1,056.16	51,520	\$0.2749	\$14,162.85	\$15,219.01
NOVEMBER	85,865	\$0.0205	\$1,760.23	85,865	\$0.2749	\$23,604.29	\$25,364.52
DECEMBER	146,668	\$0.0205	\$3,006.69	146,668	\$0.2749	\$40,319.03	\$43,325.72
JANUARY, 2000	307,054	\$0.0313	\$9,610.79	307,054	\$0.4746	\$145,727.83	\$155,338.62
FEBRUARY	315,944	\$0.0313	\$9,889.05	315,944	\$0.3944	\$124,608.31	\$134,497.36
MARCH	188,458	\$0.0313	\$5,898.74	188,458	\$0.3634	\$68,485.64	\$74,384.38
APRIL	162,723	\$0.0313	\$5,093.23	163,043	\$0.3885	\$63,342.21	\$68,435.44
MAY	0	\$0.0280	\$0.00	0	\$0.3720	\$0.00	\$0.00
ADJ TO BOOKS	<u>0</u>	\$0.0000	<u>\$0.00</u>	<u>0</u>	\$0.0000	<u>\$0.00</u>	<u>\$1,398.39</u>
TOTAL	<u>1,459,950</u>		<u>\$40,450.11</u>	<u>1,552,880</u>		<u>\$550,112.72</u>	<u>\$591,961.22</u>

## EXHIBIT II-C

UNITED CITIES GAS COMPANY  
TAKE-OR-PAY RECOVERIES FROM ALL CUSTOMERS  
PALMYRA, MISSOURI  
JUNE 1, 1999 THROUGH APRIL 30, 2000

<u>MONTH</u>	<u>TARIFF SALES</u>	<u>TRANSPORTATION SALES</u>	<u>TOTAL SALES</u>	<u>TOP RATE</u>	<u>TOP RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	48,052	34,960	83,012	(\$0.0045)	(\$373.55)	\$9,679.10
JULY	108,214	54,290	162,504	(\$0.0045)	(\$731.27)	\$27,286.61
AUGUST	38,558	37,460	76,018	(\$0.0045)	(\$342.08)	\$9,525.02
SEPTEMBER	99,504	60,710	160,214	(\$0.0045)	(\$720.96)	\$25,339.14
OCTOBER	51,520	46,090	97,610	(\$0.0045)	(\$439.25)	\$14,779.77
NOVEMBER	85,865	56,750	142,615	(\$0.0045)	(\$641.77)	\$24,722.75
DECEMBER	146,668	79,860	226,528	(\$0.0045)	(\$1,019.38)	\$42,306.34
JANUARY, 2000	307,054	78,260	385,314	(\$0.0059)	(\$2,273.35)	\$153,065.27
FEBRUARY	315,944	79,690	395,634	(\$0.0059)	(\$2,334.24)	\$132,163.12
MARCH	188,458	72,590	261,048	(\$0.0059)	(\$1,540.18)	\$72,844.20
APRIL	163,043	47,510	210,553	(\$0.0059)	(\$1,242.26)	\$67,193.18
MAY	<u>0</u>	<u>0</u>	<u>0</u>	(\$0.0059)	<u>\$0.00</u>	<u>\$0.00</u>
TOTAL	<u>1,552,880</u>	<u>648,170</u>	<u>2,201,050</u>		<u>(\$11,658.29)</u>	<u>\$578,904.54</u>

UNITED CITIES GAS COMPANY  
REFUND ADJUSTMENT CALCULATION  
PALMYRA DISTRICT, MISSOURI

	<u>FERC Docket No.</u>	<u>Total Refund</u>
1. Factor R1 :		
Panhandle Eastern Pipe Line Co. Refund - June 16, 2000		\$ (3,532.00)
2. Factor R2 :		
Not Applicable to this Filing		\$ -
3. Factor R3 :		
Residual Balance from the January 1, 1999 - January 1, 2000 filing (Exhibit III-A)		(\$10,295.38)
Residual Balance from the July 1, 1999 - July 1, 2000 filing (Exhibit III-B)		(\$60,543.17)
4. Factor i :		
Interest on the "Refund Due Customers" Account (Exhibit III-C)		(\$6,202.16)
		\$ (80,572.71)
5. Total Sales		1,628,555

## 6. Computation of Refund Adjustment:

$$\begin{array}{rcl}
 \$ & (80,572.71) & \\
 & \hline
 & 1,628,555 & \\
 & \hline
 & = & (\$0.049475) \text{ per Ccf or } (\$0.0495)
 \end{array}$$

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - PALMYRA  
JANUARY 1, 1999 TO JANUARY 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$11,176.50)
January, 1999	Firm @	(\$0.0005)	399,303	(\$199.65)		
	Opt. @	\$0.0000	0	\$0.00	(\$199.65)	(\$10,976.85)
February, 1999	Firm @	(\$0.0005)	269,970	(\$134.99)		
	Opt. @	\$0.0000	0	\$0.00	(\$134.99)	(\$10,841.86)
March, 1999	Firm @	(\$0.0005)	236,335	(\$118.17)		
	Opt. @	\$0.0000	0	\$0.00	(\$118.17)	(\$10,723.69)
April, 1999	Firm @	(\$0.0005)	187,181	(\$93.59)		
	Opt. @	\$0.0000	0	\$0.00	(\$93.59)	(\$10,630.10)
May, 1999	Firm @	(\$0.0005)	91,064	(\$45.53)		
	Opt. @	\$0.0000	0	\$0.00	(\$45.53)	(\$10,584.57)
June, 1999	Firm @	(\$0.0005)	48,052	(\$24.03)		
	Opt. @	\$0.0000	0	\$0.00	(\$24.03)	(\$10,560.54)
July, 1999	Firm @	(\$0.0005)	108,214	(\$54.11)		
	Opt. @	\$0.0000	0	\$0.00	(\$54.11)	(\$10,506.43)
August, 1999	Firm @	(\$0.0005)	38,558	(\$19.28)		
	Opt. @	\$0.0000	0	\$0.00	(\$19.28)	(\$10,487.15)
September, 1999	Firm @	(\$0.0005)	99,504	(\$49.75)		
	Opt. @	\$0.0000	0	\$0.00	(\$49.75)	(\$10,437.40)
October, 1999	Firm @	(\$0.0005)	51,520	(\$25.76)		
	Opt. @	\$0.0000	0	\$0.00	(\$25.76)	(\$10,411.64)
November, 1999	Firm @	(\$0.0005)	85,865	(\$42.93)		
	Opt. @	\$0.0000	0	\$0.00	(\$42.93)	(\$10,368.71)
December, 1999	Firm @	(\$0.0005)	146,668	(\$73.33)		
	Opt. @	\$0.0000	0	\$0.00	(\$73.33)	(\$10,295.38)



UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - PALMYRA  
JULY 1, 1999 TO JULY 1, 2000

<u>MONTH</u>			<u>TOTAL</u> <u>CCF</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$65,380.94)
July, 1999	Firm @	\$0.0027	108,214	\$292.18		
	Opt. @	\$0.0000	0	\$0.00	\$292.18	(\$65,088.76)
August, 1999	Firm @	\$0.0027	38,558	\$104.11		
	Opt. @	\$0.0000	0	\$0.00	\$104.11	(\$64,984.65)
September, 1999	Firm @	\$0.0027	99,504	\$268.66		
	Opt. @	\$0.0000	0	\$0.00	\$268.66	(\$64,715.99)
October, 1999	Firm @	\$0.0027	51,520	\$139.10		
	Opt. @	\$0.0000	0	\$0.00	\$139.10	(\$64,576.89)
November, 1999	Firm @	\$0.0027	85,865	\$231.84		
	Opt. @	\$0.0000	0	\$0.00	\$231.84	(\$64,345.05)
December, 1999	Firm @	\$0.0027	146,668	\$396.00		
	Opt. @	\$0.0000	0	\$0.00	\$396.00	(\$63,949.05)
January, 2000	Firm @	\$0.0027	307,054	\$829.05		
	Opt. @	\$0.0000	0	\$0.00	\$829.05	(\$63,120.00)
February, 2000	Firm @	\$0.0027	315,944	\$853.05		
	Opt. @	\$0.0000	0	\$0.00	\$853.05	(\$62,266.95)
March, 2000	Firm @	\$0.0027	188,458	\$508.84		
	Opt. @	\$0.0000	0	\$0.00	\$508.84	(\$61,758.11)
April, 2000	Firm @	\$0.0027	163,043	\$440.22		
	Opt. @	\$0.0000	0	\$0.00	\$440.22	(\$61,317.89)
May, 2000	Firm @	\$0.0027	75,675	\$204.32		
	Opt. @	\$0.0000	0	\$0.00	\$204.32	(\$61,113.57)
June, 2000	Firm @	\$0.0027	45,271	\$122.23		
	Opt. @	\$0.0000	0	\$0.00	\$122.23	(\$60,991.34)
July, 2000	Firm @	\$0.0027	60,893	\$164.41		
	Opt. @	\$0.0000	0	\$0.00	\$164.41	(\$60,826.93)
August, 2000	Firm @	\$0.0027	48,558	\$131.11		
	Opt. @	\$0.0000	0	\$0.00	\$131.11	(\$60,695.82)
September, 2000	Firm @	\$0.0027	56,538	\$152.65		
	Opt. @	\$0.0000	0	\$0.00	\$152.65	(\$60,543.17)

UNITED CITIES GAS COMPANY  
INTEREST ON "REFUND DUE CUSTOMERS" ACCOUNT  
PALMYRA DISTRICT, MISSOURI

MONTH	BEGINNING BALANCE	ADDITIONAL REFUNDS	AMOUNTS REFUNDED	ENDING BALANCE	AVERAGE BALANCE	INTEREST
April, 1999	(\$56,880.51)	\$ -	\$ 93.59	(\$56,786.92)	(\$56,833.72)	(\$319.69)
May	(\$57,106.61)	\$ -	\$ 45.53	(\$57,061.08)	(\$57,083.85)	(\$321.10)
June	(\$57,382.18)	\$ -	\$ 24.03	(\$57,358.15)	(\$57,370.17)	<u>(\$322.71)</u> (\$963.50)
July, 1999	(\$57,680.86)	\$ -	\$ 346.29	(\$57,334.57)	(\$57,507.72)	(\$323.48)
August	(\$57,658.05)	\$ -	\$ 123.39	(\$57,534.66)	(\$57,596.36)	(\$323.98)
September	(\$57,858.64)	\$ -	\$ 318.41	(\$57,540.23)	(\$57,699.44)	<u>(\$324.56)</u> (\$972.02)
October, 1999	(\$57,864.79)	\$ -	\$ 164.86	(\$57,699.93)	(\$57,782.36)	(\$334.16)
November	(\$58,034.09)	\$ -	\$ 274.77	(\$57,759.32)	(\$57,896.71)	(\$334.82)
December	(\$58,094.14)	\$ -	\$ 469.33	(\$57,624.81)	(\$57,859.48)	<u>(\$334.60)</u> (\$1,003.58)
January, 2000	(\$57,959.41)	\$ -	\$ 829.05	(\$57,130.36)	(\$57,544.89)	(\$349.59)
February	(\$57,479.95)	\$ -	\$ 853.05	(\$56,626.90)	(\$57,053.43)	(\$346.60)
March	(\$56,973.50)	\$ -	\$ 508.84	(\$56,464.66)	(\$56,719.08)	<u>(\$344.57)</u> (\$1,040.76)
April, 2000	(\$56,809.23)	\$ -	\$ 440.22	(\$56,369.01)	(\$56,589.12)	(\$357.47)
May	(\$56,726.48)	\$ -	\$ 204.32	(\$56,522.16)	(\$56,624.32)	(\$357.70)
June	(\$56,879.86)	\$ -	\$ 122.23	(\$56,757.63)	(\$56,818.75)	<u>(\$358.92)</u> (\$1,074.09)
July, 2000	(\$57,116.55)	\$ -	\$ 164.41	(\$56,952.14)	(\$57,034.35)	(\$381.16)
August	(\$57,333.30)	\$ -	\$ 131.11	(\$57,202.19)	(\$57,267.75)	(\$382.72)
September	(\$57,584.91)	\$ -	\$ 152.65	(\$57,432.26)	(\$57,508.59)	<u>(\$384.33)</u> (\$1,148.21)
TOTAL						<u><u>(\$6,202.16)</u></u>

UNITED CITIES GAS COMPANY  
CALCULATION OF ACA FACTOR  
NEELYVILLE, MISSOURI  
JUNE 1, 1999 THROUGH MAY 31, 2000

1. Invoiced Demand Cost (Exhibit II-A)	\$22,362.62
2. ACA Balance for the period June 1, 1998 to May 31, 1999	\$8,780.27
3. Demand Cost Recovered (Exhibit II-B)	<u>\$25,409.47</u>
4. Demand Under/(Over)-Recovery	<u>\$5,733.42</u>
5. Invoiced Commodity Cost (Exhibit II-A)	\$110,264.03
6. ACA Balance for the period June 1, 1998 to May 31, 1999	(\$28,760.00)
7. Commodity Cost Recovered (Exhibit II-B)	<u>\$95,186.45</u>
8. Commodity Under/(Over)-Recovery	<u>(\$13,682.42)</u>
9. Invoiced Take-or-Pay Cost (Exhibit II-A)	\$0.00
10. TOP ACA Balance for the period June 1, 1998 to May 31, 1999	\$417.73
11. Take-or-Pay Cost Recovered (Exhibit II-C)	<u>\$105.11</u>
12. Take-or-Pay Under/(Over)-Recovery	<u>\$312.62</u>
13. Firm Sales	<u>408,266</u>
14. Demand ACA (Item 4 divided by Item 13)	<u>\$0.0140</u>
15. Total Sales	<u>408,266</u>
16. Commodity ACA (Item 8 divided by Item 15)	<u>(\$0.0335)</u>
17. Take-or-Pay ACA (Item 12 divided by Item 15)	<u>\$0.0008</u>
18. Total ACA Applicable to Firm Customers (Items 14+16+17)	<u>(\$0.0187)</u>
19. Total ACA Applicable to Non-Firm Customers (Items 16+17)	<u>(\$0.0327)</u>
20. Total ACA Applicable to Transportation Customers (Item 17)	<u>\$0.0008</u>

UNITED CITIES GAS COMPANY  
INVOICED COST OF GAS  
NEELYVILLE, MISSOURI  
JUNE 1, 1999 TO MAY 31, 2000

MONTH	NATURAL PIPELINE COMPANY OF AMERICA					STORAGE		SPOT MARKET		TEXAS EASTERN TRANSMISSION CORPORATION				TOTAL GAS COST
	FT DEMAND	STORAGE DEMAND	COMMODITY VOLUME	RATE	COMMODITY COST	STORAGE COST	COMMODITY VOLUME	RATE	COMMODITY COST	DEMAND	COMMODITY VOLUME	RATE	COMMODITY COST	
JUNE, 1999	\$1,125.51	\$470.34	539	\$0.1983	\$106.86	(\$665.71)	614	\$3.0908	\$1,897.76	\$27.98	193	\$2.8503	\$550.10	\$3,512.84
JULY	\$1,125.51	\$470.34	491	\$0.1315	\$64.55	(\$727.55)	552	\$3.4459	\$1,902.11	\$27.98	222	\$2.9633	\$657.86	\$3,520.80
AUGUST	\$1,125.51	\$470.34	500	\$0.1458	\$72.91	(\$784.87)	585	\$3.6366	\$2,127.39	\$27.98	217	\$3.2158	\$697.83	\$3,737.09
SEPTEMBER	\$1,125.51	\$470.34	626	\$0.3475	\$217.53	(\$805.22)	514	\$4.6469	\$2,388.51	\$27.98	246	\$3.9455	\$970.59	\$4,395.24
OCTOBER	\$1,125.51	\$470.34	1,497	\$0.1997	\$298.89	(\$868.27)	1,510	\$3.2102	\$4,847.40	\$27.98	633	\$3.1167	\$1,972.85	\$7,874.70
NOVEMBER	\$1,322.52	\$470.34	2,801	\$0.2597	\$727.36	(\$691.08)	5,395	\$3.0637	\$16,528.61	\$27.98	(328)	\$8.6390	(\$2,833.60)	\$15,552.13
DECEMBER	\$1,310.02	\$470.34	5,808	\$0.2951	\$1,714.06	\$0.00	8,433	\$2.2069	\$18,610.65	\$740.63	1,552	(\$0.7744)	(\$1,201.90)	\$21,643.80
JANUARY, 2000	\$1,306.28	\$469.17	7,158	\$0.3177	\$2,274.39	\$0.00	9,277	\$2.4174	\$22,426.45	(\$114.57)	2,653	\$0.0038	\$10.11	\$26,371.85
FEBRUARY	\$1,306.28	\$469.17	4,827	\$0.3552	\$1,714.67	\$0.00	7,136	\$2.6202	\$18,697.48	\$618.72	1,390	(\$1.0235)	(\$1,422.64)	\$21,383.65
MARCH	\$1,306.28	\$469.17	3,232	\$0.1781	\$575.65	\$0.00	5,185	\$2.6303	\$13,638.26	\$9.33	168	(\$13.0223)	(\$2,187.74)	\$13,810.95
APRIL	\$1,109.27	\$469.17	1,893	\$0.2192	\$414.91	(\$446.17)	1,873	\$1.6251	\$3,043.82	\$618.72	816	\$0.9552	\$779.44	\$5,989.16
MAY	\$1,109.27	\$469.17	637	\$0.2338	\$148.96	(\$725.85)	955	\$2.6901	\$2,569.03	\$618.72	287	\$0.0205	\$5.89	\$4,195.19
TOTAL	<u>\$14,397.47</u>	<u>\$5,638.23</u>	<u>30,009</u>		<u>\$8,330.74</u>	<u>(\$5,714.72)</u>	<u>42,029</u>		<u>\$108,677.47</u>	<u>\$2,659.43</u>	<u>8,049</u>		<u>(\$2,001.21)</u>	<u>\$131,987.41</u>

UNITED CITIES GAS COMPANY  
 COST RECOVERIES FROM TARIFF CUSTOMERS  
 NEELYVILLE, MISSOURI  
 JUNE 1, 1999 TO MAY 31, 2000

<u>MONTH</u>	<u>FIRM SALES</u>	<u>DEMAND RATE</u>	<u>DEMAND RECOVERIES</u>	<u>TOTAL SALES</u>	<u>COMMODITY RATE</u>	<u>COMMODITY RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	8,798	\$0.0526	\$462.77	8,798	\$0.2247	\$1,976.91	\$2,439.68
JULY	7,392	\$0.0526	\$388.82	7,392	\$0.2661	\$1,967.01	\$2,355.83
AUGUST	6,636	\$0.0526	\$349.05	6,636	\$0.2429	\$1,611.88	\$1,960.93
SEPTEMBER	9,380	\$0.0526	\$493.39	9,380	\$0.2559	\$2,400.34	\$2,893.73
OCTOBER	11,603	\$0.0526	\$610.32	11,603	\$0.2991	\$3,470.46	\$4,080.78
NOVEMBER	21,987	\$0.0526	\$1,156.52	21,987	\$0.2991	\$6,576.31	\$7,732.83
DECEMBER	65,364	\$0.0526	\$3,438.15	65,364	\$0.2688	\$17,569.84	\$21,007.99
JANUARY, 2000	83,375	\$0.0681	\$5,677.84	83,375	\$0.2554	\$21,293.98	\$26,971.82
FEBRUARY	97,427	\$0.0681	\$6,634.78	97,427	\$0.1839	\$17,916.83	\$24,551.61
MARCH	46,240	\$0.0681	\$3,148.94	46,240	\$0.1839	\$8,503.54	\$11,652.48
APRIL	36,593	\$0.0609	\$2,228.51	36,593	\$0.2318	\$8,482.26	\$10,710.77
MAY	13,471	\$0.0609	\$820.38	13,471	\$0.2498	\$3,365.06	\$4,185.44
ADJ TO BOOKS	<u>0</u>	\$0.0000	<u>\$0.00</u>	<u>0</u>	\$0.0000	<u>\$52.03</u>	<u>\$52.03</u>
TOTAL	<u>408,266</u>		<u>\$25,409.47</u>	<u>408,266</u>		<u>\$95,186.45</u>	<u>\$120,595.94</u>

## EXHIBIT II-C

UNITED CITIES GAS COMPANY  
TAKE-OR-PAY RECOVERIES FROM ALL CUSTOMERS  
NEELYVILLE, MISSOURI  
JUNE 1, 1999 TO MAY 31, 2000

<u>MONTH</u>	<u>TARIFF SALES</u>	<u>TRANSPORTATION SALES</u>	<u>TOTAL SALES</u>	<u>TOP RATE</u>	<u>TOP RECOVERIES</u>	<u>TOTAL RECOVERIES</u>
JUNE, 1999	8,798	0	8,798	(\$0.0011)	(\$9.68)	\$2,430.00
JULY	7,392	0	7,392	(\$0.0011)	(\$8.13)	\$2,347.70
AUGUST	6,636	0	6,636	(\$0.0011)	(\$7.30)	\$1,953.63
SEPTEMBER	9,380	0	9,380	(\$0.0011)	(\$10.32)	\$2,883.41
OCTOBER	11,603	0	11,603	(\$0.0011)	(\$12.76)	\$4,068.02
NOVEMBER	21,987	0	21,987	(\$0.0011)	(\$24.19)	\$7,708.64
DECEMBER	65,364	0	65,364	(\$0.0011)	(\$71.90)	\$20,936.09
JANUARY, 2000	83,375	0	83,375	\$0.0009	\$75.04	\$27,046.86
FEBRUARY	97,427	0	97,427	\$0.0009	\$87.68	\$24,639.29
MARCH	46,240	0	46,240	\$0.0009	\$41.62	\$11,694.10
APRIL	36,593	0	36,593	\$0.0009	\$32.93	\$10,743.70
MAY	<u>13,471</u>	<u>0</u>	<u>13,471</u>	\$0.0009	<u>\$12.12</u>	\$4,197.56
						<u>\$52.00</u>
TOTAL	<u>408,266</u>	<u>0</u>	<u>408,266</u>		<u>\$105.11</u>	<u>\$120,701.03</u>

UNITED CITIES GAS COMPANY  
REFUND ADJUSTMENT CALCULATION  
NEELYVILLE, MISSOURI

	<u>FERC Docket No.</u>	<u>Total Refund</u>
1. Factor R1 :		
Not Applicable to this Filing		\$0.00
2. Factor R2 :		
Not Applicable to this Filing		\$0.00
3. Factor R3 :		
Residual Balance from the January 1, 1999 - January 1, 2000 filing (Exhibit III-A)		\$55.13
Residual Balance from the April 1, 1999 - April 1, 2000 filing (Exhibit III-B)		(\$3.12)
Residual Balance from the October 1, 1999 - October 1, 2000 filing (Exhibit III-C)		(\$429.95)
4. Factor i :		
Interest on the "Refund Due Customers" Account (Exhibit III-D)		\$ <u>(9.39)</u>
		(\$387.33)
5. Total Sales		408,266
6. Computation of Refund Adjustment:		
$\frac{(\$387.33)}{408,266}$	=	(\$0.000949) per Ccf or <u>(\$0.0009)</u>

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - NEELYVILLE  
JANUARY 1, 1999 TO JANUARY 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						\$186.62
January, 1999	Firm @	\$0.0003	114,799	\$34.44		
	Opt. @	\$0.0000	0	\$0.00	\$34.44	\$152.18
<hr/>						
February, 1999	Firm @	\$0.0003	65,517	\$19.66		
	Opt. @	\$0.0000	0	\$0.00	\$19.66	\$132.52
<hr/>						
March, 1999	Firm @	\$0.0003	72,451	\$21.74		
	Opt. @	\$0.0000	0	\$0.00	\$21.74	\$110.78
<hr/>						
April, 1999	Firm @	\$0.0003	42,286	\$12.69		
	Opt. @	\$0.0000	0	\$0.00	\$12.69	\$98.09
<hr/>						
May, 1999	Firm @	\$0.0003	12,042	\$3.61		
	Opt. @	\$0.0000	0	\$0.00	\$3.61	\$94.48
<hr/>						
June, 1999	Firm @	\$0.0003	8,798	\$2.64		
	Opt. @	\$0.0000	0	\$0.00	\$2.64	\$91.84
<hr/>						
July, 1999	Firm @	\$0.0003	7,392	\$2.22		
	Opt. @	\$0.0000	0	\$0.00	\$2.22	\$89.62
<hr/>						
August, 1999	Firm @	\$0.0003	6,636	\$1.99		
	Opt. @	\$0.0000	0	\$0.00	\$1.99	\$87.63
<hr/>						
September, 1999	Firm @	\$0.0003	9,380	\$2.81		
	Opt. @	\$0.0000	0	\$0.00	\$2.81	\$84.82
<hr/>						
October, 1999	Firm @	\$0.0003	11,603	\$3.48		
	Opt. @	\$0.0000	0	\$0.00	\$3.48	\$81.34
<hr/>						
November, 1999	Firm @	\$0.0003	21,987	\$6.60		
	Opt. @	\$0.0000	0	\$0.00	\$6.60	\$74.74
<hr/>						
December, 1999	Firm @	\$0.0003	65,364	\$19.61		
	Opt. @	\$0.0000	0	\$0.00	\$19.61	\$55.13



UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - NEELYVILLE  
APRIL 1, 1999 TO APRIL 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$85.65)
April, 1999	Firm @	(\$0.0002)	42,286	(\$8.46)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$8.46)	(\$77.19)
May, 1999	Firm @	(\$0.0002)	12,042	(\$2.41)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$2.41)	(\$74.78)
June, 1999	Firm @	(\$0.0002)	8,798	(\$1.76)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$1.76)	(\$73.02)
July, 1999	Firm @	(\$0.0002)	7,392	(\$1.48)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$1.48)	(\$71.54)
August, 1999	Firm @	(\$0.0002)	6,636	(\$1.33)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$1.33)	(\$70.21)
September, 1999	Firm @	(\$0.0002)	9,380	(\$1.88)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$1.88)	(\$68.33)
October, 1999	Firm @	(\$0.0002)	11,603	(\$2.32)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$2.32)	(\$66.01)
November, 1999	Firm @	(\$0.0002)	21,987	(\$4.40)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$4.40)	(\$61.61)
December, 1999	Firm @	(\$0.0002)	65,364	(\$13.07)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$13.07)	(\$48.54)
January, 2000	Firm @	(\$0.0002)	83,375	(\$16.68)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$16.68)	(\$31.86)
February, 2000	Firm @	(\$0.0002)	97,427	(\$19.49)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$19.49)	(\$12.37)
March, 2000	Firm @	(\$0.0002)	46,240	(\$9.25)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$9.25)	(\$3.12)

UNITED CITIES GAS COMPANY  
COMPUTATION OF PGA REFUNDS - NEELYVILLE  
OCTOBER 1, 1999 TO OCTOBER 1, 2000

<u>MONTH</u>			<u>CCF</u> <u>SALES</u>	<u>AMOUNT</u> <u>REFUNDED</u>	<u>MONTHLY</u> <u>REFUND</u>	<u>BALANCE</u> <u>TO BE</u> <u>REFUNDED</u>
Balance to be Refunded						(\$1,448.05)
October, 1999	Firm @	(\$0.0025)	11,603	(\$29.01)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$29.01)	(\$1,419.04)
November, 1999	Firm @	(\$0.0025)	21,987	(\$54.97)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$54.97)	(\$1,364.07)
December, 1999	Firm @	(\$0.0025)	65,364	(\$163.41)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$163.41)	(\$1,200.66)
January, 2000	Firm @	(\$0.0025)	83,375	(\$208.44)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$208.44)	(\$992.22)
February, 2000	Firm @	(\$0.0025)	97,427	(\$243.57)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$243.57)	(\$748.65)
March, 2000	Firm @	(\$0.0025)	46,240	(\$115.60)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$115.60)	(\$633.05)
April, 2000	Firm @	(\$0.0025)	36,593	(\$91.48)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$91.48)	(\$541.57)
May, 2000	Firm @	(\$0.0025)	13,471	(\$33.68)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$33.68)	(\$507.89)
June, 2000	Firm @	(\$0.0025)	8,151	(\$20.38)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$20.38)	(\$487.51)
July, 2000	Firm @	(\$0.0025)	7,832	(\$19.58)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$19.58)	(\$467.93)
August, 2000	Firm @	(\$0.0025)	6,209	(\$15.52)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$15.52)	(\$452.41)
September, 2000	Firm @	(\$0.0025)	8,985	(\$22.46)		
	Opt. @	\$0.0000	0	<u>\$0.00</u>	(\$22.46)	(\$429.95)

<u>MONTH</u>	<u>BEGINNING</u> <u>BALANCE</u>	<u>ADDITIONAL</u> <u>REFUNDS</u>	<u>AMOUNTS</u> <u>REFUNDED</u>	<u>ENDING</u> <u>BALANCE</u>	<u>AVERAGE</u> <u>BALANCE</u>	<u>INTEREST</u>
July, 1999	\$ (635.55)	\$ -	\$ (0.74)	\$ (636.29)	\$ (635.92)	\$ (3.58)
August	\$ (639.87)	\$ -	\$ (0.66)	\$ (640.53)	\$ (640.20)	\$ (3.60)
September	\$ (644.13)	\$ -	\$ (0.93)	\$ (645.06)	\$ (644.60)	\$ (3.63)
						\$ (10.81)
October, 1999	\$ (648.69)	\$ -	\$ 27.85	\$ (620.84)	\$ (634.77)	\$ (3.67)
November	\$ (624.51)	\$ -	\$ 52.77	\$ (571.74)	\$ (598.13)	\$ (3.46)
December	\$ (575.20)	\$ -	\$ 156.87	\$ (418.33)	\$ (496.77)	\$ (2.87)
						\$ (10.00)
January, 2000	\$ (421.20)	\$ -	\$ 225.12	\$ (196.08)	\$ (308.64)	\$ (1.87)
February	\$ (197.95)	\$ -	\$ 263.06	\$ 65.11	\$ (66.42)	\$ (0.40)
March	\$ 64.71	\$ -	\$ 124.85	\$ 189.56	\$ 127.14	\$ 0.77
						\$ (1.50)
April, 2000	\$ 190.33	\$ -	\$ 91.48	\$ 281.81	\$ 236.07	\$ 1.49
May	\$ 283.30	\$ -	\$ 33.68	\$ 316.98	\$ 300.14	\$ 1.90
June	\$ 318.88	\$ -	\$ 20.38	\$ 339.26	\$ 329.07	\$ 2.08
						\$ 5.47
July, 2000	\$ 341.34	\$ -	\$ 19.58	\$ 360.92	\$ 351.13	\$ 2.35
August	\$ 363.27	\$ -	\$ 15.52	\$ 378.79	\$ 371.03	\$ 2.48
September	\$ 381.27	\$ -	\$ 22.46	\$ 403.73	\$ 392.50	\$ 2.62
						\$ 7.45
				<b>TOTAL</b>		<b>\$ (9.39)</b>

United Cities Gas Company  
A Division of Atmos Energy Corporation  
Consolidated District  
Demand

Month	Gas Purchases		Cost/Mcf	Demand RPGA	Cost less RPGA (difference)		Firm	Cumulative DCCB Subject to Interest	Interest
(a)	Mcf (b)	Cost (c)			(d)-(e)	(f)	Sales Mcf (g)	(f)*(g) (h)	
Jun-99	91,907	\$ 43,664	\$ 0.48	\$ 0.479	\$ (0.00)		38,703	\$ (151.59)	
Jul-99	91,907	\$ 43,674	\$ 0.48	\$ 0.479	\$ (0.00)		43,689	\$ (166.22)	
Aug-99	91,907	\$ 43,674	\$ 0.48	\$ 0.479	\$ (0.00)		28,267	\$ (107.55)	
Sep-99	91,907	\$ 43,408	\$ 0.47	\$ 0.479	\$ (0.01)		87,954	\$ (589.41)	
Oct-99	91,907	\$ 43,409	\$ 0.47	\$ 0.479	\$ (0.01)		73,168	\$ (489.31)	
Nov-99	91,907	\$ 43,369	\$ 0.47	\$ 0.479	\$ (0.01)		77,660	\$ (553.20)	
Dec-99	91,907	\$ 43,706	\$ 0.48	\$ 0.479	\$ (0.00)		224,986	\$ (777.80)	
Jan-00	91,907	\$ 43,861	\$ 0.48	\$ 0.470	\$ 0.01		329,692	\$ 2,385.12	
Feb-00	91,907	\$ 43,646	\$ 0.47	\$ 0.470	\$ 0.00		341,788	\$ 1,671.89	
Mar-00	91,907	\$ 43,604	\$ 0.47	\$ 0.470	\$ 0.00		204,792	\$ 908.39	
Apr-00	91,907	\$ 43,609	\$ 0.47	\$ 0.470	\$ 0.00		164,297	\$ 738.25	
May-00	91,907	\$ 43,625	\$ 0.47	\$ 0.437	\$ 0.04		72,098	\$ 2,715.39	
	1,102,888	\$ 523,249	\$ 0.47	\$ 0.437	\$ 0.04		1,687,095	\$ 63,156.70	\$ 785.12

The tariff on sheet 53 paragraph (a) states "No carrying costs shall be applied in connection with any PGA-related item until such time as the net "Deferred Carrying Cost Balance" exceeds an amount equal to ten percent (10%) of United Cities average annual level of gas costs for the then most three recent ACA periods (hereinafter "Annual Gas Cost Level"), beginning with the three ACA periods immediately preceding April 1, 2000 ..."

Below I have calculated the "Annual Gas Cost Level," since the "Cumulative DCCB Subject to Interest" does exceed \$53,920 during the ACA period June 1999 - May 2000, the terms for carrying costs do appear to be met.

ACA Period	Purchased Gas Cost	3 Yr Avg 1,617,601/3 =	10% of 3 Yr Avg 10% x \$539,200 =	
'96-'97	\$ 550,689			
'97-'98	\$ 543,849			
'98-'99	\$ 523,063			
	<u>\$ 1,617,601</u>			<u>\$ 53,920</u>

Interest Calculation:

Cumulative DCCB Balance	\$ 63,157
Annual Gas Cost Level	<u>\$ 53,920</u>
Excess	\$ 9,237
Prime lending rate minus 1%	<u>8.5%</u>
Interest	<u>\$ 785.12</u>

United Cities Gas Company  
A Division of Atmos Energy Corporation  
Consolidated District  
Commodity

Month	Gas Purchases		Cost/Mcf	Commodity RPGA	Cost less RPGA (difference) (d)-(e)	Total Sales Mcf	Cumulative DCCB Subject to Interest (f)*(g)	Interest (i)
(a)	Mcf (b)	Cost (c)						
Jun-99	148,967	\$ 202,785	\$ 1.36	\$ 2.325	\$ (0.96)	40,561	\$ (39,089.16)	
Jul-99	153,932	\$ 210,341	\$ 1.37	\$ 2.930	\$ (1.56)	53,027	\$ (82,910.45)	
Aug-99	153,932	\$ 222,205	\$ 1.44	\$ 2.820	\$ (1.38)	29,763	\$ (40,967.42)	
Sep-99	75,064	\$ 250,358	\$ 3.34	\$ 2.820	\$ 0.52	92,110	\$ 47,460.34	
Oct-99	136,400	\$ 378,527	\$ 2.78	\$ 3.155	\$ (0.38)	75,333	\$ (28,617.24)	
Nov-99	163,400	\$ 646,476	\$ 3.96	\$ 3.155	\$ 0.80	80,655	\$ 64,637.31	
Dec-99	246,982	\$ 899,111	\$ 3.64	\$ 3.155	\$ 0.49	230,852	\$ 112,053.00	
Jan-00	249,813	\$ 1,051,982	\$ 4.21	\$ 3.709	\$ 0.50	335,158	\$ 168,275.51	
Feb-00	200,287	\$ 846,671	\$ 4.23	\$ 2.907	\$ 1.32	347,625	\$ 458,965.06	
Mar-00	132,810	\$ 594,250	\$ 4.47	\$ 3.116	\$ 1.36	209,979	\$ 285,243.25	
Apr-00	190,100	\$ 427,205	\$ 2.25	\$ 3.367	\$ (1.12)	166,635	\$ (186,586.84)	
May-00	143,095	\$ 245,393	\$ 1.71	\$ 3.202	\$ (1.49)	74,403	\$ (110,645.53)	
	1,994,782	\$ 5,975,304	\$ 3.00	\$ 3.202	\$ (0.21)	1,736,101	\$ (358,562.26)	

The tariff on sheet 53 paragraph (a) states "No carrying costs shall be applied in connection with any PGA-related item until such time as the net "Deferred Carrying Cost Balance" exceeds an amount equal to ten percent (10%) of United Cities average annual level of gas costs for the then most three recent ACA periods (hereinafter "Annual Gas Cost Level"), beginning with the three ACA periods immediately preceding April 1, 2000 ..."

Below I have calculated the "Annual Gas Cost Level," since the "Cumulative DCCB Subject to Interest" does not exceed \$702,909 during the ACA period June 1999 - May 2000, the terms for carrying costs do not appear to be met.

ACA Period	Purchased Gas Cost	3 Yr Avg 21,087,268/3 = \$ 7,029,089	10% of 3 Yr Avg 10% x \$7,029,089 =	\$ 702,909
'96-'97	\$ 8,884,437			
'97-'98	\$ 6,657,442			
'98-'99	\$ 5,545,389			
	\$ 21,087,268			

United Cities Gas Company  
A Division of Atmos Energy Corporation  
Neelyville District  
Demand

Month	Gas Purchases		Cost/Mcf	Demand	Cost less RPGA (difference)	Firm	Cumulative DCCB Subject to Interest	Interest
(a)	Mcf (b)	Cost (c)	(d)	RPGA (e)	(d)-(e) (f)	Sales Mcf (g)	(f)*(g) (h)	(i)
Jun-99	3,280	\$ 1,624	\$ 0.50	\$ 0.481	\$ 0.01	880	\$ 12.38	
Jul-99	3,280	\$ 1,624	\$ 0.50	\$ 0.481	\$ 0.01	739	\$ 10.40	
Aug-99	3,280	\$ 1,624	\$ 0.50	\$ 0.481	\$ 0.01	664	\$ 9.34	
Sep-99	3,280	\$ 1,624	\$ 0.50	\$ 0.481	\$ 0.01	938	\$ 13.20	
Oct-99	3,280	\$ 1,624	\$ 0.50	\$ 0.481	\$ 0.01	1,160	\$ 16.33	
Nov-99	3,280	\$ 1,821	\$ 0.56	\$ 0.481	\$ 0.07	2,199	\$ 163.00	
Dec-99	3,280	\$ 2,521	\$ 0.77	\$ 0.481	\$ 0.29	6,536	\$ 1,879.83	
Jan-00	3,280	\$ 1,661	\$ 0.51	\$ 0.481	\$ 0.03	8,338	\$ 211.49	
Feb-00	3,280	\$ 2,394	\$ 0.73	\$ 0.481	\$ 0.25	9,743	\$ 2,425.25	
Mar-00	3,280	\$ 1,785	\$ 0.54	\$ 0.481	\$ 0.06	4,624	\$ 291.96	
Apr-00	3,280	\$ 2,197	\$ 0.67	\$ 0.409	\$ 0.26	3,659	\$ 954.59	
May-00	3,280	\$ 2,197	\$ 0.67	\$ 0.409	\$ 0.26	1,347	\$ 351.41	
	39,360	\$ 22,695	\$ 0.58	\$ 0.409	\$ 0.17	40,827	\$ 6,842.70	\$ 332.51

The tariff on sheet 53 paragraph (a) states "No carrying costs shall be applied in connection with any PGA-related item until such time as the net "Deferred Carrying Cost Balance" exceeds an amount equal to ten percent (10%) of United Cities average annual level of gas costs for the then most three recent ACA periods (hereinafter "Annual Gas Cost Level"), beginning with the three ACA periods immediately preceding April 1, 2000 ..."

Below I have calculated the "Annual Gas Cost Level," since the "Cumulative DCCB Subject to Interest" does exceed \$2,931 during the ACA period June 1999 - May 2000, the terms for carrying costs do appear to be met.

ACA Period	Purchased Gas Cost	3 Yr Avg 87,267/3 =	10% of 3 Yr Avg 10% x \$29,309 =	
'96-'97	\$ 32,218	\$ 29,309		
'97-'98	\$ 29,749			
'98-'99	\$ 25,958			
	<u>\$ 87,926</u>			<u>\$ 2,931</u>

Interest Calculation:

Cumulative DCCB Balance	\$ 6,843
Annual Gas Cost Level	<u>\$ 2,931</u>
Excess	\$ 3,912
Prime lending rate minus 1%	8.5%
Interest	<u>\$ 332.51</u>

United Cities Gas Company  
A Division of Atmos Energy Corporation  
Neelyville District  
Commodity

Month	Gas Purchases		Cost/Mcf	Commodity	Cost less RPGA (difference)	Total	Cumulative DCCB Subject to Interest	Interest
(a)	Mcf (b)	Cost (c)	(d)	RPGA (e)	(d)-(e) (f)	Sales Mcf (g)	(f)*(g) (h)	(i)
Jun-99	614	\$ 1,889	\$ 3.08	\$ 2.383	\$ 0.69	880	\$ 610.20	
Jul-99	552	\$ 1,897	\$ 3.44	\$ 2.797	\$ 0.64	739	\$ 472.75	
Aug-99	585	\$ 2,113	\$ 3.61	\$ 2.565	\$ 1.05	664	\$ 695.06	
Sep-99	514	\$ 2,771	\$ 5.39	\$ 2.695	\$ 2.70	938	\$ 2,529.64	
Oct-99	1,510	\$ 6,251	\$ 4.14	\$ 3.127	\$ 1.01	1,160	\$ 1,174.98	
Nov-99	5,395	\$ 13,731	\$ 2.55	\$ 3.127	\$ (0.58)	2,199	\$ (1,279.23)	
Dec-99	8,433	\$ 19,123	\$ 2.27	\$ 2.824	\$ (0.56)	6,536	\$ (3,636.75)	
Jan-00	9,277	\$ 24,711	\$ 2.66	\$ 3.208	\$ (0.54)	8,338	\$ (4,538.28)	
Feb-00	7,136	\$ 18,990	\$ 2.66	\$ 2.493	\$ 0.17	9,743	\$ 1,637.61	
Mar-00	5,185	\$ 12,026	\$ 2.32	\$ 2.493	\$ (0.17)	4,624	\$ (802.65)	
Apr-00	1,873	\$ 3,792	\$ 2.02	\$ 2.972	\$ (0.95)	3,659	\$ (3,466.97)	
May-00	955	\$ 1,998	\$ 2.09	\$ 3.152	\$ (1.06)	1,347	\$ (1,427.69)	
	42,029	\$ 109,292	\$ 2.60	\$ 3.152	\$ (0.55)	40,827	\$ (22,519.89)	\$ (639.24)

The tariff on sheet 53 paragraph (a) states "No carrying costs shall be applied in connection with any PGA-related item until such time as the net "Deferred Carrying Cost Balance" exceeds an amount equal to ten percent (10%) of United Cities average annual level of gas costs for the then most three recent ACA periods (hereinafter "Annual Gas Cost Level"), beginning with the three ACA periods immediately preceding April 1, 2000 ..."

Below I have calculated the "Annual Gas Cost Level," since the "Cumulative DCCB Subject to Interest" does exceed \$14,999 during the ACA period June 1999 - May 2000, the terms for carrying costs do appear to be met.

ACA Period	Purchased Gas Cost	3 Yr Avg 449,981/3 = \$ 149,994	10% of 3 Yr Avg 10% x \$149,994 =	\$ 14,999
'96-'97	\$207,255			
'97-'98	\$144,458			
'98-'99	\$ 98,269			
	<u>\$449,981</u>			

Interest Calculation:

Cumulative DCCB Balance	\$ (22,520)
Annual Gas Cost Level	\$ 14,999
Excess	\$ (7,521)
Prime lending rate minus 1%	8.5%
Interest	<u>\$ (639.24)</u>

**United Cities Gas Company,  
A Division of Atmos Energy Corporation  
Cap Calculation  
Neelyville District**

**FOR A SCHEDULED WINTER PGA FILING**

**1997-1998 Winter Season**

	November	December	January	February	March	Total	Average \$ / Ccf
Purchase Volumes	7,745	9,841	9,392	6,008	6,560	39,546	
Commodity Cost	\$2.9993	\$2.3350	\$2.1437	\$2.2090	\$2.3384		
Total Commodity Costs	\$23,229.95	\$22,978.88	\$20,133.49	\$13,271.75	\$15,339.77	\$94,953.84	<b>\$2.4011</b>

**1998-1999 Winter Season**

	November	December	January	February	March	Total	Average \$ / Ccf
Purchase Volumes	5,513	7,548	9,486	7,047	6,858	36,452	
Commodity Cost	\$2.1281	\$2.1448	\$1.8622	\$1.7531	\$1.6559		
Total Commodity Costs	\$11,732.16	\$16,189.03	\$17,664.74	\$12,354.15	\$11,356.07	\$69,296.15	<b>\$1.9010</b>

**1999-2000 Winter Season**

	November	December	January	February	March	Total	Average \$ / Ccf
Purchase Volumes	5,395	8,433	9,277	7,136	5,185	35,426	
Commodity Cost	\$3.0637	\$2.2069	\$2.4174	\$2.6202	\$2.6303		
Total Commodity Costs	\$16,528.61	\$18,610.65	\$22,426.45	\$18,697.48	\$13,638.26	\$89,901.45	<b>\$2.5377</b>

Single highest average commodity gas cost per Ccf  
{ ie, the maximum \$ / Ccf of the 3 winter periods}  
[Item No. (a) (2) (i) on Tariff Sheet No. 53] **\$2.5377**

Average of the three most recent ACA winter periods  
[Item No. (a) (2) (ii) on Tariff Sheet No. 53] **\$2.2799**

Average of the single highest average commodity gas cost per Ccf & the average of the three winter periods  
[Item No. (a) (2) on Tariff Sheet No. 53] **\$2.4088**

Gas Commodity Costs per Ccf in the month the PGA filing is made (e.g., October 2000) **TETCO**  
[Item No. (a) (1) on Tariff Sheet No. 53] **\$5.5977**

Gas Commodity Costs per Ccf in the month the PGA filing is made (e.g., October 2000) **NGPL**  
[Item No. (a) (1) on Tariff Sheet No. 53] **\$6.1877**

The higher of Item No. (a) (1) & Item No. (a) (2) **CAP == >**  
[Item No. (a) shown on Tariff Sheet No. 53] **\$6.1877**



Tariff

Choose Pipeline:

Natural Gas Pipeline

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Print Tariff

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Natural Gas Pipeline Company of America  
FERC Gas Tariff  
Sixth Revised Volume No. 1

Sixth Revised Sheet No. 7  
Superseding  
Fifth Revised Sheet No. 7

## CURRENTLY EFFECTIVE BASE RATES APPLICABLE TO RATE SCHEDULE FTS

RECEIPT ZONE 2/	PEAK PERIOD MAXIMUM RATES 3/, 4/, 5/					
	DELIVERY ZONE 2/					
	Market	Midcontinent	Texok	Louisiana	South Texas	Permian
Iowa-Illinois Reservation	\$ 4.2900	\$ 7.5000	\$ 9.4900	\$11.0500	\$10.5000	\$ 9.0600
Commodity	\$ 0.0021	\$ 0.0029	\$ 0.0042	\$ 0.0052	\$ 0.0049	\$ 0.0039
Amarillo Reservation	\$ 6.6000	\$ 4.4500	\$11.5700	\$10.8400	\$11.4700	\$ 7.3300
Commodity	\$ 0.0076	\$ 0.0010	\$ 0.0056	\$ 0.0054	\$ 0.0055	\$ 0.0028
Gulf Coast Mainline Reservation	\$ 6.7900	\$ 7.2300	\$ 5.1800	\$ 6.1800	\$ 5.8900	\$ 8.4100
Commodity	\$ 0.0092	\$ 0.0027	\$ 0.0014	\$ 0.0020	\$ 0.0018	\$ 0.0035
Midcontinent Reservation	\$ 9.9800	\$ 4.4000	\$ 6.6700	\$ 7.6700	\$ 8.1100	\$ 5.9600
Commodity	\$ 0.0146	\$ 0.0010	\$ 0.0023	\$ 0.0030	\$ 0.0037	\$ 0.0019
Texok Reservation	\$10.7200	\$ 6.3300	\$ 3.6600	\$ 6.1300	\$ 7.1800	\$ 8.1500
Commodity	\$ 0.0159	\$ 0.0021	\$ 0.0002	\$ 0.0015	\$ 0.0031	\$ 0.0033
Louisiana Reservation	\$12.0400	\$ 8.3200	\$ 3.9800	\$ 3.6000	\$ 4.1400	\$ 9.8800
Commodity	\$ 0.0193	\$ 0.0034	\$ 0.0006	\$ 0.0003	\$ 0.0007	\$ 0.0044
South Texas Reservation	\$12.4300	\$ 9.0800	\$ 4.8400	\$ 5.9100	\$ 3.7900	\$10.6300
Commodity	\$ 0.0201	\$ 0.0039	\$ 0.0011	\$ 0.0018	\$ 0.0006	\$ 0.0049
Permian Reservation	\$14.0700	\$ 4.9300	\$ 9.1700	\$10.5900	\$11.4300	\$ 3.3500
Commodity	\$ 0.0206	\$ 0.0012	\$ 0.0040	\$ 0.0049	\$ 0.0055	\$ 0.0002

NOTES: For Shippers electing the LN option, the applicable maximum Reservation Rate shall be increased by \$0.1300.

For Shippers electing the SW option, the applicable maximum Reservation Rate shall be determined in accordance with the formula set out in Section 6.2(a)(3) of Rate Schedule FTS.

The Balancing Service and Authorized and Unauthorized Overrun Charges are set out in Section 12 of the General Terms and Conditions.

Pursuant to Sections 21, 38, 39 and 40 of the General Terms and Conditions, various surcharge adjustments are applied to the Base Rates if applicable. See Sheet Nos. 22 and 24 through 26 for the currently effective rates. In addition, other charges or credits as provided for in Rate Schedule FTS and the General Terms and Conditions will be added or deducted on the monthly bills of affected Shippers when applicable.

For footnotes, see Sheet Nos. 27 and 28. For definition of peak rates, see Footnote 1/.

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Natural Gas Pipeline Company of America  
 FERC Gas Tariff  
 Sixth Revised Volume No. 1

Seventh Revised Sheet No. 20  
 Superseding  
 Sixth Revised Sheet No. 20

CURRENTLY EFFECTIVE BASE RATES  
 APPLICABLE TO RATE SCHEDULES DSS AND NSS  
 =====

		Maximum	Minimum
		-----	-----
RATE SCHEDULE DSS			
Section 6.2(a)	Reservation Charge	\$ 5.70 ✓	\$0.0000
Section 6.2(b)	Authorized Inventory Cycling Charge	0.8400	0.0000
	Unauthorized Inventory Cycling Charge	10.0000	0.0000

## RATE SCHEDULE NSS

Section 6.2(a)	Reservation Charge	\$ 3.07	\$0.0000
		Rate	Schedule
		DSS	NSS
		-----	-----
Section 5.3	Sourcing Charge	\$0.3710	\$0.3710
Section 9	Authorized Overrun Charges		
	Injection/Withdrawal	0.1874	0.1009
	Maximum Storage Volume	0.0700	0.0700
	Minimum Withdrawal Requirement	0.0700	N/A
	MDQ for Transportation	0.1442	N/A
	Minimum Sourcing and Overrun Charge	0.0000	0.0000

NOTES: Pursuant to Section 9 of Rate Schedules DSS and NSS, unauthorized volumes will be charged the Overrun Charges which are set out in Section 12 of the General Terms and Conditions.

Pursuant to Section 6.2(c) of Rate Schedule DSS and Section 6.2(b) of Rate Schedule NSS, Natural shall retain a Storage Fuel Charge of up to 1.7% of volumes tendered for injection. In addition, a Transportation Fuel Charge will apply to Rate Schedule DSS Shippers equal to the Transportation Fuel Retention Factor for the Iowa-Illinois Receipt Zone to the Market Delivery Zone times the volumes tendered for injection or gas transported under nominated firm transportation. The Fuel Retention Factors will apply unless Natural and Shipper mutually agree on monetary reimbursement.

Pursuant to Sections 39 and 40 of the General Terms and Conditions, the GRI and ACA surcharges will apply when applicable. See Sheet Nos. 25 and 26, respectively, for the currently effective rates.

Issued by: D. A. Santefort, Vice President  
 Issued on: November 25, 1997

Effective on: January 1, 1998

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Natural Gas Pipeline

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Natural Gas Pipeline Company of America  
 FERC Gas Tariff  
 Sixth Revised Volume No. 1

Fifteenth Revised Sheet No. 25  
 Superseding  
 Fourteenth Revised Sheet No. 25

SECTION 39 SURCHARGE  
 GAS RESEARCH INSTITUTE (GRI) ADJUSTMENT  
 =====

Applicable to Maximum Rates		Load Factor*	
Rate Schedule	Charge	High	Low
FTS	Reservation/Demand	\$0.2000✓	\$0.1230
	Commodity	\$0.0072	\$0.0072
	Overrun	\$0.0072	\$0.0072
FFTS	Reservation/Demand	\$0.0066	\$0.0040
	Commodity	\$0.0072	\$0.0072
FTS-G	Commodity/Volumetric and Overrun	\$0.0160	\$0.0160
ITS	Commodity and Overrun	\$0.0072	\$0.0072
BESS	Withdrawal and Overrun Withdrawal	\$0.0072	\$0.0072
PALS	Usage	\$0.0072	\$0.0072
DSS	Reservation	\$0.1008✓	\$0.0620
	Applied to Volumes Withdrawn or Transported	\$0.0072	\$0.0072
	Overrun	\$0.0072	\$0.0072
NSS	Reservation	\$0.0411	\$0.0253
	Applied to Volumes Withdrawn	\$0.0072	\$0.0072
	Overrun	\$0.0072	\$0.0072
FSS	Reservation		
	Deliverability		
	30-day	\$0.0164	\$0.0101
	50-day	\$0.0274	\$0.0168
	120-day	\$0.0658	\$0.0404
	Withdrawal	\$0.0072	\$0.0072
	Authorized Overrun Withdrawal	\$0.0072	\$0.0072
Minimum GRI surcharge for all Rate Schedules		\$0.0000	\$0.0000

\* High Load Factor - Shippers with load factors exceeding fifty percent (50%).

Low Load Factor - Shippers with load factors of fifty percent (50%) or less.

Issued by: James J. McElligott, Sr. Vice President  
 Issued on: June 30, 2000

Effective on: August 1, 2000

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**United Cities Gas Company,  
A Division of Atmos Energy Corporation  
Cap Calculation  
Consolidated District**

**FOR A SCHEDULED WINTER PGA FILING**

**1997-1998 Winter Season**

	November	December	January	February	March	Total	Average \$ / Ccf
Purchase Volumes	217,700	227,600	247,523	228,400	279,500	1,200,723	
Commodity Cost	\$3.3380	\$2.5624	\$2.3600	\$2.2206	\$2.4897		
Total Commodity Costs	\$726,681.21	\$583,207.04	\$584,159.06	\$507,176.28	\$695,874.69	\$3,097,098.28	<b>\$2.5794</b>

**1998-1999 Winter Season**

	November	December	January	February	March	Total	Average \$ / Ccf
Purchase Volumes	174,602	221,000	279,861	162,400	144,500	982,363	
Commodity Cost	\$2.0869	\$2.1809	\$1.9564	\$1.8989	\$1.7305		
Total Commodity Costs	\$364,376.82	\$481,982.20	\$547,518.05	\$308,389.20	\$250,060.18	\$1,952,326.45	<b>\$1.9874</b>

**1999-2000 Winter Season**

	November	December	January	February	March	Total	Average \$ / Ccf
Purchase Volumes	163,400	246,982	249,813	200,287	132,810	993,292	
Commodity Cost	\$3.2266	\$2.1920	\$2.3798	\$2.6196	\$2.5978		
Total Commodity Costs	\$527,225.30	\$541,380.73	\$594,494.72	\$524,678.46	\$345,014.15	\$2,532,793.36	<b>\$2.5499</b>

Single highest average commodity gas cost per Ccf  
{ ie, the maximum \$ / Ccf of the 3 winter periods}  
[Item No. (a) (2) (i) on Tariff Sheet No. 53] **\$2.5794**

Average of the three most recent ACA winter periods  
[Item No. (a) (2) (ii) on Tariff Sheet No. 53] **\$2.3722**

Average of the single highest average commodity gas cost per Ccf & the average of the three winter periods  
[Item No. (a) (2) on Tariff Sheet No. 53] **\$2.4758**

Gas Commodity Costs per Ccf in the month the PGA filing is made (e.g., October 2000)  
[Item No. (a) (1) on Tariff Sheet No. 53] **PEPL \$5.3299**

The higher of Item No. (a) (1) & Item No. (a) (2)  
[Item No. (a) shown on Tariff Sheet No. 53] **CAP == > \$5.3299**

CURRENTLY EFFECTIVE RATES  
RATE SCHEDULE EFT  
ENHANCED FIRM TRANSPORTATION SERVICE

Each rate set forth on this tariff sheet is the currently effective rate pertaining to the particular rate schedule to which it is referenced, but each such rate is separate and independent and the change in any such rate shall not thereby effect a change in any other rate schedule.

Description	Base Rate	Section 25 Per Dt.	Section 18 Adjustment	Maximum Rate Per Overrun			Minimum Fuel	Reimbursement
				Section Dt. Excl. of Per	Charge Rate	Dt. 3/ Per Dt.		
				Surch. 1/ GRI 2/				
<u>Gathering</u>								
Reservation Rate	\$ 8.67	\$(0.01)	\$(0.01)	\$ 8.65	28.50 ¢	-	-	
Commodity Rate	0.16 ¢	-	0.19 ¢	0.35 ¢	-	0.16 ¢	0.37 %	
<u>Transmission Charge</u>								
<u>Field Zone</u>								
Reservation Rate	\$ 4.73	\$(0.01)	\$(0.01)	\$ 4.71	15.55 ¢	-	-	
Commodity Rate	1.95 ¢	-	0.19 ¢	2.14 ¢	-	1.95 ¢	0.81 %	
<u>Market Zone</u>								
Access Charge	\$ 3.30	\$(0.01)	\$(0.01)	\$ 3.28	10.85 ¢	-	-	
Commodity Rate	0.06 ¢	-	0.19 ¢	0.25 ¢	-	0.06 ¢	-	
<u>Mileage Charge (per 100 Miles)</u>								
1 - 100 Reservation Rate	\$ 0.60			\$ 0.60	1.97 ¢	-	-	
Commodity Rate	0.25 ¢			0.25 ¢	-	0.25 ¢	0.40 %	
101 - 200 Reservation Rate	\$ 1.20			\$ 1.20	3.94	-	-	
Commodity Rate	0.50 ¢			0.50 ¢	-	0.50	0.80	
201 - 300 Reservation Rate	\$ 1.80			\$ 1.80	5.91	-	-	
Commodity Rate	0.75 ¢			0.75 ¢	-	0.75	1.20	
301 - 400 Reservation Rate	\$ 2.40			\$ 2.40	7.88	-	-	
Commodity Rate	1.00 ¢			1.00 ¢	-	1.00	1.60	
401 - 500 Reservation Rate	\$ 3.00			\$ 3.00	9.85	-	-	
Commodity Rate	1.25 ¢			1.25 ¢	-	1.25	2.00	
501 - 600 Reservation Rate	\$ 3.60			\$ 3.60	11.82	-	-	
Commodity Rate	1.50 ¢			1.50 ¢	-	1.50	2.40	
601 - 700 Reservation Rate	\$ 4.20			\$ 4.20	13.79	-	-	
Commodity Rate	1.75 ¢			1.75 ¢	-	1.75	2.80	
701 - 800 Reservation Rate	\$ 4.80			\$ 4.80	15.76	-	-	
Commodity Rate	2.00 ¢			2.00 ¢	-	2.00	3.20	
801 - 900 Reservation Rate	\$ 5.40			\$ 5.40	17.73	-	-	
Commodity Rate	2.25 ¢			2.25 ¢	-	2.25	3.60	
901 - 1000 Reservation Rate	\$ 6.00			\$ 6.00	19.70	-	-	
Commodity Rate	2.50 ¢			2.50 ¢	-	2.50	4.00	

Surcharges

1/ Surcharges pursuant to Section 18.2 and 18.10 of the General Terms and Conditions. See currently effective Sheet No. 19. Reservation and Commodity surcharges will be billed in accordance with the provisions of the General Terms and Conditions under which they are authorized.

2/ GRI Funding Unit pursuant to Section 18.1 of the General Terms and Conditions.

Minimum Reservation and Commodity Charge \$ 0.00

Reservation Charge

High Load Factor Customer (>than 50%) \$ 0.200

Low Load Factor Customer (≤ than 50%) 0.123

Commodity Charge 0.72 ¢

3/ Maximum firm volumetric rate applicable for capacity release, exclusive of surcharges.

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**Tenth Revised Sheet No. 9**  
**Effective Date: November 1, 1999**

**CURRENTLY EFFECTIVE RATES**  
**RATE SCHEDULE IOS**  
**IN/OUT STORAGE**

Each rate set forth on this tariff sheet is the currently effective rate pertaining to the particular rate schedule to which it is referenced, but each such rate is separate and independent and the change in any such rate shall not thereby effect a change in any other rate schedule.

<u>Description</u>	<u>Maximum Rate Per Dt.</u>	<u>Minimum Rate Per Dt.</u>	<u>Fuel Reimbursement</u>
Deliverability Charge	\$ 3.35 <sup>1</sup> / <sub>1</sub>	-	-
Capacity Charge	40.28¢ <sup>1</sup> / <sub>1</sub>	-	-
Injection Charge	0.33 <sup>1</sup> / <sub>1</sub>	0.33¢	1.28%
Withdrawal Charge	0.33 <sup>1</sup> / <sub>1</sub>	0.33	0.25
Overrun Charge	14.85	-	-

**CURRENTLY EFFECTIVE RATES  
RATE SCHEDULE WS  
WINTER STORAGE SERVICE**

Each rate set forth on this tariff sheet is the currently effective rate pertaining to the particular rate schedule to which it is referenced, but each such rate is separate and independent and the change in any such rate shall not thereby effect a change in any other rate schedule.

<u>Description</u>	<u>Maximum Rate Per Dt.</u>	<u>Minimum Rate Per Dt.</u>	<u>Fuel Reimbursement</u>
--------------------	-------------------------------------	-------------------------------------	-------------------------------

Market Area

Deliverability Charge	\$ 2.97 1/	-	-
Capacity Charge	42.46¢ 1/	-	-
Injection Charge	3.85	3.85¢	1.39%
Withdrawal Charge	3.85	3.85	0.61
Oerrun Charge	13.50	-	-

Field Area

Deliverability Charge	\$ 3.35 1/	-	-
Capacity Charge	40.28 1/	-	-
Injection Charge	0.33 1/	0.33¢	1.28%
Withdrawal Charge	0.33 1/	0.33	0.25
Oerrun Charge	14.85	-	-

Surcharges

Dakota Gasification 2/	
Deliverability - Market Area	\$0.00

1/ Maximum rate applicable for capacity release.

2/ Dakota Gasification Transition Cost Surcharge pursuant to Section 18.11 of the General Terms and Conditions.

**CURRENTLY EFFECTIVE RATES  
RATE SCHEDULE FS  
FLEXIBLE STORAGE SERVICE**

Each rate set forth on this tariff sheet is the currently effective rate pertaining to the particular rate schedule to which it is referenced, but each such rate is separate and independent and the change in any such rate shall not thereby effect a change in any other rate schedule.

<u>Description</u>	<u>Maximum Rate Per Dt.</u>	<u>Minimum Rate Per Dt.</u>	<u>Fuel Reimbursement</u>
<b><u>Market Area</u></b>			
Deliverability Charge	\$ 2.97 <u>1/</u>	-	-
Capacity Charge	42.46¢ <u>1/</u>	-	-
Injection Charge	3.85	3.85¢	1.39%
Withdrawal Charge	3.85	3.85	0.61
Overrun Charge	13.50	-	-
<b><u>Field Area</u></b>			
Deliverability Charge	\$ 3.35 <u>1/</u>	-	-
Capacity Charge	40.28¢ <u>1/</u>	-	-
Injection Charge	0.33	0.33¢	1.28%
Withdrawal Charge	0.33	0.33	0.25
Overrun Charge	14.85	-	-
<b><u>Surcharges</u></b>			
Dakota Gasification <u>2/</u> Deliverability - Market Area		\$0.00	

1/ Maximum rate applicable for capacity release.

2/ Dakota Gasification Transition Cost Surcharge pursuant to Section 18.11 of the General Terms and Conditions.



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**Twenty-Sixth Revised Sheet No. 19**  
**Effective Date: October 1, 2000**

## CURRENTLY EFFECTIVE RATES

## STATEMENT OF SURCHARGES

General Terms & Conditions Section	Description	Firm Transportation		1/ Commodity	Interruptible Transportation		2/ Commodity	SCT Commodity 3/
		Reservation	Commodity		Commodity	2/		
18.2	ACA	-	0.22 ¢		0.22 ¢		0.22 ¢	
18.10	Trunkline/TLC Settlement	\$ (0.01)	(0.03)		(0.03)		(0.09)	
		-----	-----		-----		-----	
		\$ (0.01) /	0.19 ¢		0.19 ¢		0.13 ¢	
		=====	=====		=====		=====	

1/ Applicable to Transportation provided pursuant to Rate Schedules FT, EFT, LFT and HFT.

2/ Applicable to Transportation provided pursuant to Rate Schedules IT and EIT.

3/ Applicable to Transportation provided pursuant to Rate Schedule SCT.

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**CMS ENERGY**

ine Co

THE Chase Manhattan Bank  
Syracuse NY

50-937/213

P.O. BOX 4967  
Houston, Texas 77210-4967

\*\*\*\*\*

Date 06/14/2000

Pay Amount \$32,561.00

Pay THIRTY TWO THOUSAND FIVE HUNDRED SIXTY ONE AND 00/100 US Dollar \*\*\*\*

To The  
Order of

GREAT RIVER GAS CO. (UNITED CITIES) *HIC*  
C/O ATMOS ENERGY  
700 THREE LINCOLN CENTRE  
5430 IBJ FRWY.  
DALLAS TX 75240

*Ann L. Montzke*  
Authorized Signature

⑈0001059441⑈ ⑆021309379⑆ 601⑈8⑈07522⑈

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Check Date: 06/14/2000

Check No. 0001059441

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
0608003256100	06/08/2000	00096929	32,561.00	0.00	32,561.00

REFUNDS PURSUANT TO ARTICLE VIII, SECTION 3 OF THE STIPULATION AND AGREEMENT  
DATED JULY 15, 1992 IN DOCKET NO. RP91-229-000, et al.

*UNITED  
CITIES  
GAS*

RECEIVED

JUN 19 2000

GAS SUPPLY

Vendor Number	Vendor Name	Total Discounts	
0000054479	GREAT RIVER GAS CO. (UNITED CITIES)	\$0.00	
Check Number	Date	Total Amount	Total Paid Amount
0001059441	06/14/2000	\$32,561.00	\$0.00

0001059441  
\$32,561.00

**AMS ENERGY**P.O. BOX 1642  
Houston, Texas 77251-1642**Panhandle Eastern**  
5400 Westheimer Court  
Houston, TX 77056-5310**The Chase Manhattan Bank**  
Syracuse, NY

60-937/213

**MS ENERGY**

0000999206

Date  
06/16/2000Pay Amount  
\$3,532.00

Pay

To The  
Order of~~THREE THOUSAND FIVE HUNDRED THIRTY TWO AND NO/100 DOLLARS~~*PAL*  
**KANSAS POWER AND LIGHT COMPANY**  
C/O ATMOS ENERGY  
700 THREE LINCOLN CENTRE  
5430 LBJ FREEWAY  
DALLAS, TX 75240*Emmanuel*  
Authorized Signature

⑈0000999206⑈ ⑆021309379⑆ 6010807522⑈

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Check Date:

06/16/2000

Check No.:

0000999206

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
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REFUNDS PURSUANT TO ARTICLE VIII, SECTION 3  
OF THE STIPULATION AND AGREEMENT DATED  
JULY 15, 1992 IN DOCKET NO. RP91-229-000, et al.*UNITED  
CITIES GAS*RECEIVED  
JUN 19 2000  
GAS SUPPLY

Vendor Number	Vendor Name		Total Discounts		
36272	KANSAS POWER AND LIGHT COMPANY				
Check Number	Date	Total Amount	Discounts Taken	Total Paid Amount	
0000999206	06/16/2000			\$3,532.00	