Public Gas Company 220 Lexington Green, Bldg 2, Suite 130 P.O. Box 24032 Lexington, KY 40524-4032 Tele (859) 245-8193

December 29, 2006

Ms. Beth O'Donnell Executive Director Public Service Commission P.O. Box 615 Frankfort, KY 40602

### RE: Public Gas Company Case No. 2007-0005 GCR Filing Proposed to Become Effective February 1, 2007

JAN 2 2007 PUBLIC SERVICE COMMISSION

RECEIVED

Dear Ms. O'Donnell:

Enclosed are an original and five copies of Public Gas Company's Cost Recovery (GCR) filing for rates proposed to become effective February 1, 2007. Also included are an original and five copies of 40th revised sheet No. 1 of Public's PSC Kentucky No. 1 Tariff, which is being filed pursuant to the Purchased Gas Adjustment provision of that Tariff.

This filing proposes a GCR rate of \$6.8563 per MCF of sales.

Sincerely,

Bert R. Layne

APPENDIX B Page 1

Public Gas Company

Quarterly Report of Gas Cost Recovery Rate Calculation

Case No. 2007-00005

JAN 2 2007

PUBLIC SERVICE COMMISSION

Date Filed: December 29, 2006

Date Rates to be Effective: February 1, 2007

Reporting Period is Calendar Quarter Ended: April 30, 2007

### SCHEDULE I

# GAS COST RECOVERY RATE SUMMARY

	<u>Component</u>	Unit	<u>Amount</u>
	Expected Gas Cost (EGC)	\$/Mcf	8.012
+ ,	Refund Adjustment (RA) Actual Adjustment (AA) Balance Adjustment (BA)	\$/Mcf \$/Mcf \$/Mcf	(1.1557)
	Gas Cost Recovery Rate (GCR)	·····	6.8563
GC	R to be effective for service rendered from February 1, 2007	to	April 30, 2007
A.	EXPECTED GAS COST CALCULATION	<u>Unit</u>	Amount
	Total Expected Gas Cost (Schedule II)	\$	
÷	Sales for the 12 months ended	Mcf	
=	Expected Gas Cost (EGC)	\$/Mcf	
В.	REFUND ADJUSTMENT CALCULATION	Unit	Amount
+ + + =	Supplier Refund Adjustment for Reporting Period (Sch.III) Previous Quarter Supplier Refund Adjustment Second Previous Quarter Supplier Refund Adjustment Third Previous Quarter Supplier Refund Adjustment Refund Adjustment (RA)	\$/Mcf \$/Mcf \$/Mcf \$/Mcf	
C.	ACTUAL ADJUSTMENT CALCULATION	<u>Unit</u>	Amount
	Actual Adjustment for the Reporting Period (Schedule IV)	\$Mcf	(.0292)
+ +	Previous Quarter Reported Actual Adjustment	\$/Mcf	(.0398)
+	Second Previous Quarter Reported Actual Adjustment Third Previous Quarter Reported Actual Adjustment	\$/Mcf \$/Mcf	(.2059) (.8808)
	Actual Adjustment (AA)	\$/Mcf	(1.1557)
D.	BALANCE ADJUSTMENT CALCULATION Balance Adjustment for the Reporting Period (Schedule V)	<u>Unit</u> \$/Mcf	<u>Amount</u>
+	Previous Quarter Reported Balance Adjustment	\$/Mcf	
+	Second Previous Quarter Reported Balance Adjustment	\$/Mcf	
+	Third Previous Quarter Reported Balance Adjustment Balance Adjustment (BA)	\$/Mcf	

= Balance Adjustment (BA)

### SCHEDULE II

### EXPECTED GAS COST

Actual * MCF P	urchases for	r 12 months ended July	/ 31, 2006		
(1)	(2)	(3) BTU	(4)	(5)**	(6) (4) X (5)
Supplier	Dth	<b>Conversion Factor</b>	Mcf	Rate	Cost
·······	***************************************				
Gas Purchases			Mcfs	Rate	Sales Mcfs
08/31/05			1,767	8.0120	1,717
09/30/05			1,898	8.0120	1,870
10/31/05			4,503	8.0120	4,409
11/30/05			12,133	8.0120	11,860
12/31/05			22,334	8.0120	21,848
01/31/06			16,644	8.0120	16,360
02/28/06			20,727	8.0120	20,297
03/31/06			13,442	8.0120 8.0120	13,179 4,985
04/30/06			5,127 3,902	8.0120	3,793
05/31/06			2,211	8.0120	2,158
06/30/06 07/31/06			1,504	8.0120	1,480
-	······································	AAAAAAAA	106,192		103,956
the state from 40				% based on r	1
Line loss for 12					ourchases of
<u>106,192</u>	Mc	f and sales of <u>103,9</u>	<u>56</u>	Mcf.	
•		Purchases (6)		Unit \$	<u>Amount</u>
÷ Mcf Purchases (4)				Mcf	
= Average Expected Cost Per Mcf Purchased				\$/Mcf	
		es (must not exceed Mcf	sales $\div$ 95)	Mcf	
	······································		04.0000/	\$	
= Total Expec	lieu Gas Co	st (to Schedule IA)		φ	

\*Or adjusted pursuant to Gas Cost Adjustment Clause and explained herein. \*\*Supplier's tariff sheets or notices are attached.

# \$8.012 Per Attached Schedule

#### Jefferson Gas, LLC

#### 12/29/06

Expected gas price, February, March and April 2007.

Public Gas has asked for an estimate of their gas price for the months of February, March and April 2007.

	Gas price*	
	to	
	Public Gas	
February	7.74	
March	7.86	
April	7.93	

\*Jefferson Gas purchases gas from various producers based on the NYMEX futures price. This index changes daily, and has been somewhat volatile in the past. Therefore, gas may be more or less than indicated above, depending on the acutal NYMEX price for the periods indicated above. The above estimated gas prices were derived from the NYMEX futures prices issued by the NYMEX web site on December 29, 2006.

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### SCHEDULE III

# SUPPLIER REFUND ADJUSTMENT

Details for the 3 months ended

(reporting period)

	Particulars	<u>Unit</u>	<u>Amount</u>
	Total supplier refunds received	\$	
+	Interest	\$	
Ξ	Refund Adjustment including interest	\$	
÷	Sales for 12 months ended	Mcf	
	Supplier Refund Adjustment for the Reporting Period (to Schedule IB.)	\$/Mcf	

### SCHEDULE IV

### ACTUAL ADJUSTMENT

For the 3 month period ended	July 31, 2006			
Particulars	<u>Unit</u>	Month 1 <u>(Aug06)</u>	Month 2 (Sep 06)	Month 3 (Oct 06)
Total Supply Volumes Purchased Total Cost of Volumes Purchased ÷ Total Sales (may not be less than 95% of supply volumes)	Mcf \$ Mcf	1,569 13,446.33 1,537	1,760 12,108.80 1,717	5,899 46,425.13 5,774
= Unit Cost of Gas	\$/Mcf	8.7484	7.0523	8.0404
- EGC in effect for month	\$/Mcf	8.3094	8.3094	8.3094
= Difference [(over-)/Under-Recovery]	\$/Mcf	.4390	(1.2571)	(.2690)
x Actual sales during month	Mcf	1,537	1,717	5,774
= Monthly cost difference	\$	674.74	(2,158.44)	(1,553.21)
<ul> <li>Total cost difference (Month 1 + Month</li> <li>Sales for 12 months ended July 31, 2</li> <li>Actual Adjustment for the Reporting Per</li> </ul>	Unit \$ Mcf \$/Mcf	<u>Amount</u> (3,036.91) 103,956 (.0292)		

### SCHEDULE V

# BALANCE ADJUSTMENT

For	the 3 month period ended(r	eporting period)	
(1)	Particulars Total Cost Difference used to compute AA of the Ge effective four quarters prior to the effective date	CR \$	Amount
	of the currently effective GCR Less: Dollar amount resulting from the AA of \$/Mcf as used to compute the GCR in a four quarters prior to the effective date of the currently effective GCR times the sales of Mcf during the 12-month period the AA was in effect.		
	Equals: Balance Adjustment for the AA.	\$	
(2)	Total Supplier Refund Adjustment including interest compute RA of the GCR effective four quarters prio effective date of the currently effective GCR. <b>Less:</b> Dollar amount resulting from the RA of \$/Mcf as used to compute the GCR in effect four quarters prior to the effective date of the currently		
	· · ·	f during \$	
(3)	Total Balance Adjustment used to compute BA of the GCR effective four quarters prior to the effective da		
	currently effective GCR Less: Dollar amount resulting from the BA of \$/Mcf as used to compute the GCR in effect four quarters prior to the effective date of the currently effective GCR times the sales of Mc the 12-month period the BA was in effect.	f during	
	Equals: Balance Adjustment for the BA.	\$	
Tota	al Balance Adjustment Amount (1) + (2) + (3)	\$	
÷	Sales for 12 months ended	Mcf	
=	Balance Adjustment for the Reporting Period (to Schedule ID.)	\$/Mcf	

	FOR			
	Community, Town or City			
	P.S.C. KY. NO.			
	40th Revised SHEET NO. 1			
Public Gas Company	CANCELLING P.S.C. KY. NO			
(Name of Utility)	39th Revised SHEET NO. 1			

Applies to: All Customers

Rate, Monthly:

		Base Rate	Gas Cost	Rate per Unit (Mcf)
First	0 to 1 Mcf Minimum Bill	3.2705	6.8	3563 10.1268
All Over	1 Mcf	2.1505	6.8	3563 9.0068

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DATE OF ISSUE	December 29, 2006	
DATE EFFECTIVE	Month / Date / Year February 1, 2007	
	Month / Date / Year	
	Bert R. Layne	
ISSUED BY	*	
	(Signature of Officer)	
TITLE	Treasurer	
BY AUTHORITY OF O	RDER OF THE PUBLIC SERVICE COMMISSION	
IN CASE NO	DATED	

