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PUBLIC SERVICE COMMISSION

December 23, 2013

Mr. Jeff Derouen, Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, KY 40602

Re: Case No. 2014-00000

Dear Mr. Derouen:

We are filing the enclosed original and ten (10) copies of a notice under the provisions of our Gas Cost Adjustment Clause, Case No. 09-00354. **This filing contains a Petition of Confidentiality and confidential documents.** 

Please indicate receipt of this filing by stamping and dating this letter and returning a scanned copy by E-mail to Stellie.Jackson@atmosenergy.com.

If you have any questions, feel free to call me at 972-855-3077.

Sincerely,

Stellie S. Jackson

Rate Administration Analyst

**Enclosures** 

# COMMONWEALTH OF KENTUCKY BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

In the Matter of:

GAS COST ADJUSTMENT ) Case No. 2014-00000 FILING OF )
ATMOS ENERGY CORPORATION )

# **NOTICE**

## **QUARTERLY FILING**

For The Period

February 1, 2014 - April 30, 2014

Attorney for Applicant

Mark R. Hutchinson 611 Frederica Street Owensboro, Kentucky 42301 Atmos Energy Corporation, ("the Company"), is duly qualified under the laws of the Commonwealth of Kentucky to do its business. The Company is an operating public utility engaged in the business of purchasing, transporting and distributing natural gas to residential, commercial and industrial users in western and central Kentucky. The Company's principal operating office and place of business is 3275 Highland Pointe Drive, Owensboro, Kentucky 42303. Correspondence and communications with respect to this notice should be directed to:

Mark A. Martin
Vice President of Rates & Regulatory Affairs
Kentucky/Mid-States Division
Atmos Energy Corporation
3275 Highland Pointe Drive
Owensboro, Kentucky 42303

Mark R. Hutchinson Attorney for Applicant 611 Frederica Street Owensboro, Kentucky 42301

Laura Brevard Manager, Rate Administration Atmos Energy Corporation 5430 LBJ Freeway, Suite 700 Dallas, Texas 75240

Stellie S. Jackson Rate Administration Analyst Atmos Energy Corporation 5430 LBJ Freeway, Suite 700 Dallas, Texas 75240 The Company gives notice to the Kentucky Public Service Commission, hereinafter "the Commission", pursuant to the Gas Cost Adjustment Clause contained in the Company's settlement gas rate schedules in Case No. 09-00354.

The Company hereby files Fifty-Seventh Revised Sheet No. 4, Fifty-Seventh Revised Sheet No. 5 and Fifty-Seventh Revised Sheet No. 6 to its PSC No. 1, Rates, Rules and Regulations for Furnishing Natural Gas to become effective February 1, 2014.

The Gas Cost Adjustment (GCA) for firm sales service is \$6.1082 per Mcf and \$4.8185 per Mcf for interruptible sales service. The supporting calculations for the Fifty-Seventh Revised Sheet No. 5 are provided in the following Exhibits:

Exhibit A – Comparison of Current and Previous Gas Cost Adjustment (GCA) Cases

Exhibit B – Expected Gas Cost (EGC) Calculation

Exhibit C - Rates used in the Expected Gas Cost (EGC)

Exhibit D – Correction Factor (CF) Calculation

Exhibit E – Refund Factor (RF) Calculation

Exhibit E – Performance Based Recovery Factor (PBRF)

Since the Company's last GCA filing, Case No. 2013-00357, the following changes have occurred in its pipeline and gas supply commodity rates for the GCA period.

- 1. The commodity rates per Mcf used are based on historical estimates and/or current data for the quarter of February, 2014 through April 30, 2014, as shown in Exhibit C, page 1 of 2.
- 2. The G-1 Expected Commodity Gas Cost will be approximately \$5.6376 per Mcf for

the quarter of February 1, 2014 through April 30, 2014, as compared to \$5.6021 per Mcf used for the period of November 1, 2013 through January 31, 2014. The G-2 Expected Commodity Gas Cost will be approximately \$4.3479 for the quarter of February 1, 2014 through April 30, 2014 as compared to \$4.3124 for the period of November 1, 2013 through January 31, 2014.

3. The Company's notice sets out a new Correction Factor of \$0.2270 per Mcf which will remain in effect until at least April 30, 2014. The new Correction factor includes the over-refunded amount of Pipeline Refunds since all pipeline refunds have, in total, been refunded to our customers.

TGP PCB/HSL Refund, Docket Nos. RP91-203 & RP92-132	1,084,799.69
TGP Rate Case Refund, Docket No. RP11-1566	318,516.39
Interest	3,233.26
Total Refund Obligation	1,406,549.34
Amount Refunded to Customers as of October 31, 2013	2,585,771.46
Over-Refunded Amount	53,903.63

4. The Company's notice also sets out a new Refund Factor of (\$0.0000) per Mcf which will remain in effect until at least April 30, 2014. The Company has refunded the original obligation to our customers for all pipeline refunds and therefore requests that the Refund Factor be set to zero.

The GCA tariff as approved in Case No. 92-558 provides for a Correction Factor (CF) which compensates for the difference between the expected gas cost and the actual gas cost for prior periods. A revision to the GCA tariff effective December 1, 2001, Filing No. T62-1253, provides that the Correction Factor be filed on a quarterly basis. In Case No. 2009-0354, effective June 1, 2010, the Company's GCA tariff allows recovery of any gas cost which is uncollectible, to be included in each February GCA filing.

The Company is filing its updated Correction Factor that is based upon the balance in the

Company's 1910 Account as of October 31, 2013 (November, 2013 general ledger). The

calculation for the Correction Factor is shown on Exhibit D, Page 1 of 6. Also beginning

with the February, 2011 GCA filing in compliance with tariff page 24 from the Rate Case

filing (Case No. 2009-0354) the Company is allowed to recover the net uncollectible gas

cost (net uncollectible gas cost less subsequently collected gas cost).

WHEREFORE, Atmos Energy Corporation requests this Commission, pursuant to the

Commission's order in Case No. 99-070, to approve the Gas Cost Adjustment (GCA) as

filed in Fifty-Seventh Revised Sheet No. 5; and Fifty-Seventh Revised Sheet No. 6 setting

out the General Transportation Tariff Rate T-3 and T-4 for each respective sales rate for

meter readings made on and after February 1, 2014.

DATED at Dallas, Texas this 23th Day of December, 2013.

ATMOS ENERGY CORPORATION

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Stellie S. Jackson

Rate Administration Analyst

Atmos Energy Corporation

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### FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 1

FIFTY-SEVENTH REVISED SHEET NO. 4

**CANCELLING** 

FIFTY-SIXTH REVISED SHEET NO. 4

### ATMOS ENERGY CORPORATION

NAME OF UTILITY

### Current Rate Summary Case No. 2014-00000

### Firm Service

Base Charge:

Residential (G-1)
Non-Residential (G-1)
Transportation (T-4)

\$12.50 per meter per month
30.00 per meter per month
300.00 per delivery point per month
50.00 per customer per meter

Transportation Administration Fee

Rate per Mcf<sup>2</sup> Sales (G-1) Transportation (T-4) First 300 <sup>1</sup> Mcf 7.2082 per Mcf 1.1000 per Mcf 14,700 <sup>1</sup> Next Mcf @ 6.8782 per Mcf @ 0.7700 per Mcf Over 15,000 Mcf 6.6082 per Mcf @

0.7700 per Mcf (I, -) 0.5000 per Mcf (I, -)

### Interruptible Service

Base Charge Transportation Administration Fee \$300.00 per delivery point per month50.00 per customer per meter

 Rate per Mcf<sup>2</sup>
 Sales (G-2)
 Transportation (T-3)

 First
 15,000
 1
 Mcf
 @
 5.4485 per Mcf
 @
 0.6300 per Mcf

 Over
 15,000
 Mcf
 @
 5.2285 per Mcf
 @
 0.4100 per Mcf

(l, -) (l, -)

(1, -)

All gas consumed by the customer (sales, transportation; firm and interruptible) will be considered for the purpose of determining whether the volume requirement of 15,000 Mcf has been achieved.

DATE OF ISSUE

December 23, 2013

MONTH/DATE/YEAR

DATE EFFECTIVE

February 1, 2014

MONTH/DATE/YEAR

ISSUED BY

/s/ Mark A. Martin
SIGNATURE OF OFFICER

TITLE

Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2014-00000 DATED

N/A

<sup>&</sup>lt;sup>2</sup> DSM, PRP and R&D Riders may also apply, where applicable.

## **FOR ENTIRE SERVICE AREA**

**P.S.C. KY NO. 1** 

CANCELLING

### FIFTY-SEVENTH REVISED SHEET NO. 5

### ATMOS ENERGY CORPORATION

NAME OF UTILITY

# FIFTY-SIXTH REVISED SHEET NO. 5

	as Cost Adjustm se No. 2014-00000	nents	
<u>Applicable</u>			
For all Mcf billed under General Sales Ser	vice (G-1) and Interru	ptible Sales Service (G-2).	
Gas Charge = GCA			
GCA = EGC + CF + RF +	PBRRF		
Gas Cost Adjustment Components	G - 1	G-2	
EGC (Expected Gas Cost Component)	5.6376	4.3479	(1, 1
CF (Correction Factor)	0.2770	0.2770	(1, 1
RF (Refund Adjustment)	0.0000	0.0000	(-, -
PBRRF (Performance Based Rate Recovery Factor)	0.1936	0.1936	(1, 1
GCA (Gas Cost Adjustment)	\$6.1082	<u>\$4.8185</u>	(1, 1

December 23, 2013				
MONTH / DATE / YEAR				
February 1, 2014				
MONTH / DATE / YEAR				
/s/ Mark A. Martin				
SIGNATURE OF OFFICER				
nt – Rates & Regulatory Affairs				
	MONTH/DATE/YEAR  February 1, 2014  MONTH/DATE/YEAR  /s/ Mark A. Martin			

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION IN CASE NO 2014-00000 DATED N/A

### FOR ENTIRE SERVICE AREA

**P.S.C. KY NO. 1** 

FIFTY-SEVENTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION CANCELLING

NAME OF UTILITY

FIFTY-SIXTH REVISED SHEET NO. 6

# Current Transportation Case No. 2014-00000

The Transportation Rates (T-3 and T-4) for each respective service net monthly rate is as follows:

System Lost and Unaccounted gas percentage:

2.32%

					Simple Margin	Non- Commodity		Gross Margin		
<u>Tra</u>	ansportation Firm Serv								•••	
	First	300	Mcf	@	\$1.1000 +	\$0.0000	=	\$1.1000	per Mcf	(-)
	Next	14,700	Mcf	@	0.7700 +	0.0000	=	0.7700	per Mcf	(-)
	All over	15,000	Mcf	@	0.5000 +	0.0000	=	0.5000	per Mcf	(-)
	Interrupti	<u>ble Service ('</u>	<u>T-3)</u>							
	First	15,000	Mcf	@	\$0.6300 +	\$0.0000	=	\$0.6300	per Mcf	(-)
	All over	15,000	Mcf	@	0.4100 +	0.0000	=	0.4100	per Mcf	(-)

December 23, 2013	
MONTH / DATE / YEAR	
February 1, 2014	
MONTH / DATE / YEAR	
/s/ Mark A. Martin	
SIGNATURE OF OFFICER	
	MONTH/DATE/YEAR February 1, 2014 MONTH/DATE/YEAR /s/ Mark A. Martin

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION IN CASE NO  $\,$  2014-00000  $\,$  DATED N/A  $\,$ 

<sup>&</sup>lt;sup>1</sup> Excludes standby sales service.

Exhibit A Page 1 of 2

Comparison of Current and Previous Cases Sales Service

55 Total Refund Factor (RF)

(a) (b) (c) Line Case No. No. Description 2013-00357 2014-00000 Difference \$/Mcf \$/Mcf \$/Mcf 1 <u>G - 1</u> 2 3 Distribution Charge (per Case No. 09-00354) 4 300 Mcf 1.1000 1.1000 0.0000 5 Next 14,700 Mcf 0.7700 0.7700 0.0000 6 Over 15,000 Mcf 0.5000 0.5000 0.0000 7 Gas Cost Adjustment Components 8 9 EGC (Expected Gas Cost): 10 Commodity 4.0899 4.1254 0.0355 11 Demand 1.5122 1.5122 0.0000 12 Total EGC 5.6021 5.6376 0.0355 13 CF (Correction Factor) (0.0669)0.2770 0.3439 14 RF (Refund Adjustment) 0.0000 0.0000 0.0000 15 PBRRF (Performance Based Rate Recovery Factor) 0.1623 0.1936 0.0313 16 GCA (Gas Cost Adjustment) 5.6975 6.1082 0.4107 17 Rate per Mcf (GCA included) 18 19 First 300 Mcf 6.7975 7.2082 0.4107 20 Next 14,700 Mcf 6.4675 6.8782 0.4107 21 Over 6.6082 15,000 Mcf 6.1975 0.4107 22 23 24 <u>G - 2</u> 25 26 Distribution Charge (per Case No. 09-00354) 27 First 15,000 Mcf 0.6300 0.6300 0.0000 28 Over 15,000 Mcf 0.4100 0.4100 0.0000 29 30 Gas Cost Adjustment Components 31 EGC (Expected Gas Cost): Commodity 32 4.0899 4.1254 0.0355 33 Demand 0.2225 0.2225 0.0000 Total EGC 34 4.3124 4.3479 0.0355 35 CF (Correction Factor) (0.0669)0.2770 0.3439 36 RF (Refund Adjustment) 0.0000 0.0000 0.0000 37 PBRRF (Performance Based Rate Recovery Factor) 0.1623 0.1936 0.0313 38 GCA (Gas Cost Adjustment) 4.4078 4.8185 0.4107 39 40 Rate per Mcf (GCA included) 41 First 300 Mcf 5.0378 5.4485 0.4107 42 Over 14,700 Mcf 4.8178 5.2285 0.4107 43 44 45 Refund Factor (RF) 47 Effective 48 Case No. Date RF 49 50 1 -2013-00123 5/1/2013 0.0000 51 2 -2013-00246 8/1/2013 0.0000 52 3 -2013-00357 11/1/2013 0.0000 53 4 -2014-00000 2/1/2014 0.0000 54

\$0.0000

Atmos Energy Corporation
Comparison of Current and Previous Cases
Transportation Service

Exhibit A Page 2 of 2

Line				(a) Case	(b) e <b>No.</b>	(c)
No.	Description			2013-00357	2014-00000	Difference
				\$/Mcf	\$/Mcf	\$/Mcf
1	T -4 Transporta	tion Serv	<u>rice / Firm Service (High Priority)</u>			
2						
3	Simple Margin /	Distribution	on Charge (per Case No. 09-00354)			
4	First	300	Mcf	1.1000	1.1000	0.0000
5	Next	14,700	Mcf	0.7700	0.7700	0.0000
6	Over	15,000	Mcf	0.5000	0.5000	0.0000
7		•				
8						
9	T - 3 / Interrupti	ible Servi	ice (Low Priority)			
10						
11	Simple Margin /	Distribution	on Charge (per Case No. 09-00354)			
12	First	15,000	Mcf	0.6300	0.6300	0.0000
13	Over	15,000	Mcf	0.4100	0.4100	0.0000
14		,				

Exhibit B Page 1 of 8

Expected Gas Cost (EGC) Calculation Texas Gas Transmission - Non-Commodity

		(a)	(b)	(c)	(d) Non-Com	(e) modity
Line No. Description		Tariff Sheet No.	Annual Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
<ul><li>1 SL to Zone 2</li><li>2 NNS Contract #</li><li>3 Base Rate</li><li>4</li></ul>	29760	Section 4.4 - NNS	12,617,673	0.3088	3,896,337	3,896,337
5 Total SL to Zone 2			12,617,673	-	3,896,337	3,896,337
6 7 <u>SL to Zone 3</u> 8 NNS Contract # 9 Base Rate	29762	Section 4.4 - NNS	27,480,375	0.3543	9,736,297	9,736,297
10 11 FT Contract # 12 Base Rate 13	29759	Section 4.1 - FT	4,927,500	0.2939	1,448,192	1,448,192
14 Total SL to Zone 3			32,407,875		11,184,489	11,184,489
15 16 <b>Zone 1 to Zone 3</b> 17 FT Contract # 18 Base Rate 10	29761	Section 4.1 - FT	1,093,740	0.2616	286,122	286,122
20 Total Zone 1 to Zor	ne 3		1,093,740	. <u>-</u>	286,122	286,122
21 22 <u>SL to Zone 4</u> 23 NNS Contract # 24 Base Rate 25	29763	Section 4.4 - NNS	3,320,769	0.4190	1,391,402	1,391,402
26 FT Contract # 27 Base Rate 28	29765	Section 4.1 - FT	1,277,500	0.3670	468,843	468,843
29 FT Contract # 30 Base Rate 31	31097	Section 4.1 - FT	547,500	0.3670	200,933	200,933
32 Total SL to Zone 4			5,145,769		2,061,178	2,061,178
33 34	32799	Section 4.1 - FT	2,309,720	0.2780	642,102	642,102
38 Total Zone 2 to Zor	ie 4	•	2,309,720		642,102	642,102
39 40 Total SL to Zone 2			10 617 670		2 000 227	2 000 227
41 Total SL to Zone 3			12,617,673 32,407,875		3,896,337 11,184,489	3,896,337 11,184,489
42 Total Zone 1 to Zon	ie 3		1,093,740		286,122	286,122
43 Total SL to Zone 4			5,145,769		2,061,178	2,061,178
44 Total Zone 2 to Zon	ie 4		2,309,720		642,102	642,102
45 46 Total Texas Gas 47 48			53,574,777		18,070,228	18,070,228
49 Total Texas Gas Ar	ea Non-Com	modity		-	18,070,228	18,070,228

Expected Gas Cost (EGC) Calculation
Tennessee Gas Pipeline - Non-Commodity

Exhibit B Page 2 of 8

		(a)	(b)	(c)	(d)	(e)
					Non-C	Commodity
Line		Tariff	Annual			
No. Description		Sheet No.	Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
1 <u>0 to Zone 2</u>						
2 FT-G Contract #	2546		145,000			
3 Base Rate		23		16.3405	2,369,373	2,369,373
4						
5 FT-A Contract #	95033		144,000			
6 Base Rate		14		16.3405	2,353,032	2,353,032
7						
8 Total Zone 0 to 2		_	289,000		4,722,405	4,722,405
9						
10 <u>Gas Storage</u>						
11 Production Area:						
12 Demand		61	34,968	2.8100	98,260	98,260
13 Space Charge		61	4,916,148	0.0286	140,602	140,602
14 Market Area:					•	,
15 Demand		61	237,408	1.5400	365,608	365,608
16 Space Charge		61	10,846,308	0.0211	228,857	228,857
17 Total Storage		-	16,034,832		833,327	833,327
18					,	<b>, ·</b>
19 Total Tennessee G	as Area FT-G Non-Commod	dity			5,555,732	5,555,732
		•				,,

Atmos Energy Corporation Expected Gas Cost (EGC) Calculation Texas Gas Transmission - Commodity Purchases

Exhibit B Page 3 of 8

No. Notice Service	Line		(a) <b>Tariff</b>	(b)	(c)	(d)	(e)		(f)
No Notice Service	No.	Description	Sheet No.		Puro	hases	Rate	•	Total
Commodity (Zone 3)					Mcf	MMbtu	\$/MMbtu		\$
Commodity (Zone 3)	1	No Notice Service				1 082 877			
Commodity (Zone 3)						1,002,077	4.2630	_	1.616.306
Fuel and Loss Retention			Section 4.4 - NNS						
				2.71%					
Firm Transportation         Residual condition         Residu	5	<b>G</b>				<del>-</del>			
Indexed Gas Cost									
Base (Weighted on MDQs)						885,991			
Name								3	
Fuel and Loss Retention   Section 4.18.1   2.71%   4.4271   3.923,369     No Notice Storage									
No Notice Storage									
No Notice Storage		Fuel and Loss Retention @	Section 4.18.1	2.71%		-			
Net (Injections)/Withdrawals   Withdrawals   Withdrawals							4.4271	3	3,922,369
Withdrawals									
Injections		· ·				0.454.044	0.0400	_	7 0 10 700
Commodity (Zone 3)   Section 4.14 - NNS   Fuel and Loss Retention @ Section 4.18.1   2.71%   Section 4.18.1   Section 4.18.1								,	
Fuel and Loss Retention @ Section 4.18.1   2.71%   2.55,329   2.151,044   3.8137   8.203,436   2.00   2.0		-	O- 8 4.4 NNO			0			
19				0.740/					
Total Purchases in Texas Area   4,119,912   4.1078   16,923,710     23		ruei and Loss Retention @	Section 4. 16. 1	2.7 170		2 151 044			
Total Purchases in Texas Area   A,119,912   A,1078   16,923,710						2, 151,U <del>44</del>	3.6137	C	0,203,430
Total Purchases in Texas Area   4,119,912   4.1078   16,923,710									
Used to allocate transportation non-commodity   Used		Total Purchases in Texas Area				4 119 912	4 1078	16	3 923 710
Used to allocate transportation non-commodity           Z6         Annualized         Commodity           Z7         Annualized         Charge         Weighted           28         MDQs in         Charge         Weighted           29         Texas Gas         MMbtu         Allocation         \$/MMbtu         Average           30         SL to Zone 2         Section 4.1 - FT         12,617,673         23.55%         \$0.0399         \$0.0094           31         SL to Zone 3         Section 4.1 - FT         32,407,875         60.49%         0.0445         \$0.0269           32         1 to Zone 3         Section 4.1 - FT         1,093,740         2.04%         0.0422         \$0.0009           33         SL to Zone 4         Section 4.1 - FT         5,145,769         9.60%         0.0528         0.0051           34         2 to Zone 4         Section 4.1 - FT         2,309,720         4.31%         0.0446         \$0.0019           35         Total         53,574,777         100.0%         \$0.0442         \$0.00442		Total Fatoriases in Texas Files			-	1,110,012	7.1070		7,020,710
Used to allocate transportation non-commodity									
26         Annualized         Commodity           27         MDQs in         Charge         Weighted           29         Texas Gas         MMbtu         Allocation         \$/Mbtu         Average           30         SL to Zone 2         Section 4.1 - FT         12,617,673         23.55%         \$0.0399         \$0.0094           31         SL to Zone 3         Section 4.1 - FT         32,407,875         60.49%         0.0445         \$0.0269           32         1 to Zone 3         Section 4.1 - FT         1,093,740         2.04%         0.0422         \$0.0009           33         SL to Zone 4         Section 4.1 - FT         5,145,769         9.60%         0.0528         \$0.0051           34         2 to Zone 4         Section 4.1 - FT         2,309,720         4.31%         0.0446         \$0.0019           35         Total         53,574,777         100.0%         \$0.0442		Used to allocate transportation n	on-commodity						
27         Annualized MDQs in Mbtu         Commodity Charge MDQs in Charge MMbtu         Weighted Average MMbtu           29         Texas Gas         MMbtu         Allocation         \$/MMbtu         Average           30         SL to Zone 2         Section 4.1 - FT         12,617,673         23.55%         \$0.0399         \$0.0094           31         SL to Zone 3         Section 4.1 - FT         32,407,875         60.49%         0.0445         \$0.0269           32         1 to Zone 3         Section 4.1 - FT         1,093,740         2.04%         0.0422         \$0.0009           33         SL to Zone 4         Section 4.1 - FT         5,145,769         9.60%         0.0528         \$0.0051           34         2 to Zone 4         Section 4.1 - FT         2,309,720         4.31%         0.0446         \$0.0019           35         Total         53,574,777         100.0%         \$0.0442								*******	
28         MDQs in Mbtu         Charge MDDqs in Mbtu         Charge MDDqs in Mbtu         Charge MDDqs in Allocation         Charge MDDqs in MDbtu         Charge MDDqs in Allocation         Charge MDDqs in MDbtu         Charge MDDqs in MDbtu         Allocation         S/MMbtu Allocation         Average MDDqs in MDDqs in MDbtu         Allocation         S/MMbtu Allocation         Average MDDqs in MDDqs in MDDqs in MDbtu         Allocation         S/MMbtu Allocation         Average MDDqs in MDQs					Annualized		Commodity		
29         Texas Gas         MMbtu         Allocation         \$/MMbtu         Average           30         SL to Zone 2         Section 4.1 - FT         12,617,673         23.55%         \$0.0399         \$0.0094           31         SL to Zone 3         Section 4.1 - FT         32,407,875         60.49%         0.0445         \$0.0269           32         1 to Zone 3         Section 4.1 - FT         1,093,740         2.04%         0.0422         \$0.0009           33         SL to Zone 4         Section 4.1 - FT         5,145,769         9.60%         0.0528         \$0.0051           34         2 to Zone 4         Section 4.1 - FT         2,309,720         4,31%         0.0446         \$0.0019           35         Total         53,574,777         100.0%         \$0.0442							-	W	eighted
31       SL to Zone 3       Section 4.1 - FT       32,407,875       60.49%       0.0445       \$ 0.0269         32       1 to Zone 3       Section 4.1 - FT       1,093,740       2.04%       0.0422       \$ 0.0009         33       SL to Zone 4       Section 4.1 - FT       5,145,769       9.60%       0.0528       \$ 0.0051         34       2 to Zone 4       Section 4.1 - FT       2,309,720       4.31%       0.0446       \$ 0.0019         35       Total       53,574,777       100.0%       \$ 0.0442	29	Texas Gas			MMbtu	Allocation			-
32       1 to Zone 3       Section 4.1 - FT       1,093,740       2.04%       0.0422       \$ 0.0009         33       SL to Zone 4       Section 4.1 - FT       5,145,769       9.60%       0.0528       \$ 0.0051         34       2 to Zone 4       Section 4.1 - FT       2,309,720       4.31%       0.0446       \$ 0.0019         35       Total       53,574,777       100.0%       \$ 0.0442	30	SL to Zone 2	Section 4.1 - FT	_	12,617,673	23.55%	\$0.0399	\$	0.0094
33       SL to Zone 4       Section 4.1 - FT       5,145,769       9.60%       0.0528       \$ 0.0051         34       2 to Zone 4       Section 4.1 - FT       2,309,720       4.31%       0.0446       \$ 0.0019         35       Total       53,574,777       100.0%       \$ 0.0442	31	SL to Zone 3	Section 4.1 - FT		32,407,875	60.49%	0.0445	\$	0.0269
34       2 to Zone 4       Section 4.1 - FT       2,309,720       4.31%       0.0446       \$ 0.0019         35       Total       53,574,777       100.0%       \$ 0.0442	32	1 to Zone 3	Section 4.1 - FT		1,093,740	2.04%	0.0422	\$	0.0009
35 Total 53,574,777 100.0% \$ 0.0442	33	SL to Zone 4	Section 4.1 - FT		5,145,769	9.60%	0.0528	\$	
	34	2 to Zone 4	Section 4.1 - FT		2,309,720	4.31%	0.0446	\$	0.0019
36	35	Total		-	53,574,777	100.0%		\$	0.0442
<del>~~</del>	36				<del></del>		;		
37 Tennessee Gas	37	Tennessee Gas							
38 0 to Zone 2 24 289,000 100.00% \$0.0177 \$ 0.0177		0 to Zone 2			289,000			\$	0.0177
39 1 to Zone 2 24 <u>0 0.00%</u> 0.0147			24	_			0.0147		-
40 Total 289,000 100.00% \$ 0.0177	40	Total			289,000 _	100.00%	,	\$	0.0177

Expected Gas Cost (EGC) Calculation
Tennessee Gas Pipeline - Commodity Purchases

Exhibit B Page 4 of 8

(a)

(b)

(c)

(d)

(e)

(f)

Line		Tariff							
No.	Description	Sheet No.		Purchases		Purchases		Rate	Total
				Mcf	MMbtu	\$/MMbtu	\$		
	FT-A and FT-G				435,400				
2	Indexed Gas Cost					4.2630	1,856,110		
3	Base Commodity (Weighted on MDQs)					0.0177	7,707		
4	ACA	24				0.0012	522		
5	Fuel and Loss Retention	32	2.05%			0.0892	38,838		
6						4.3711	1,903,177		
7									
8	<u>FT-GS</u>				0				
9	Indexed Gas Cost					4.2630	0		
10	Base Rate	26				0.9131	0		
11	ACA	24				0.0012	0		
12	Fuel and Loss Retention	32	2.05%			0.0892	0		
13						5.2665	0		
14									
15	Gas Storage								
16	FT-A & FT-G Market Area Withdrawals				748,115	3.6460	2,727,627		
17	FT-A & FT-G Market Area Injections				0	4.2630	0		
18	Withdrawal Rate	61				0.0087	6,509		
19	Injection Rate	61				0.0087	Ó		
20	Fuel and Loss Retention	61	1.45%			0.0001	75		
21	Total				748,115	3.6548	2,734,211		
22						•,			
23									
24									
	Total Tennessee Gas Zones			_	1,183,515	3.9183	4,637,388		

Atmos Energy Corporation
Expected Gas Cost (EGC) Calculation
Trunkline Gas Company

Exhibit B Page 5 of 8

Commodity

(a)

(b)

(c)

(d)

(e)

(f)

Line		Tariff					
No.	Description	Sheet No.		Purc	hases	Rate	Total
				Mcf	MMbtu	\$/MMbtu	\$
1	Firm Transportation						
2	Expected Volumes				313,500		
3	Indexed Gas Cost				,	4.2630	1,336,451
4	Base Commodity	10				0.0051	1,599
5	ACA	10				0.0012	376
6	Fuel and Loss Retention	10	0.85%			0.0322	10,095
7	•					4.3015	1,348,521
8							
9	f .						

Non-Commodity

			(a)	(b)	(c)	(d)	(e)
					No	n-Commo	dity
Line			Tariff	Annual			
No.	Description		Sheet No.	Units	Rate	Total	Demand
				MMbtu	\$/MMbtu	\$	\$
	Injections						
10	FT-G Contract #	014573		33,750			
11	Discount Rate on M	DQs			5.3776	181,494	181,494
12	2						
13	3 Total Trunkline Area	Non-Com	modity			181,494	181,494

Expected Gas Cost (EGC) Calculation Demand Charge Calculation

Exhibit B Page 6 of 8

	(a)	(b)	(c)	(d)	(e)
Total Damand Coats					
	¢10 070 220				
	<u>-</u>				
•	• •				
· · · · · · · · · · · · · · · · · · ·					
Total	Ψ23,007,434				
		Allocated	Related	Monthly De	emand Charge
Demand Cost Allocation:	Factors				Interruptible
				····	0.2225
					<b>₩</b> , has has has ₩
					0.2225
			:		
		Volumetric	Basis for		
	Annualized				
	-				
Firm Service					
Sales:					
G-1	15,713,255	15,713,255	15,713,255	1.5122	
	, .	, ,			
Interruptible Service					
Sales:					
G-2	211,845	211,845		1.5122	0.2225
Transportation Service					
T-3 & T-4	28,139,514				
	G-1  Interruptible Service Sales: G-2  Transportation Service	Total Demand Cost:         \$18,070,228           Texas Gas Transmission         \$18,070,228           Midwestern         0           Tennessee Gas Pipeline         5,555,732           Trunkline Gas Company         181,494           Total         \$23,807,454           Demand Cost Allocation:         Factors           All         0.1488           Firm         0.8512           Total         1.0000           Annualized Mcf @14.65           Firm Service           Sales:         G-1           Interruptible Service           Sales:         G-2           211,845           Transportation Service	Total Demand Cost:         Texas Gas Transmission         \$18,070,228           Midwestern         0         0           Tennessee Gas Pipeline         5,555,732           Trunkline Gas Company         181,494           Total         \$23,807,454           Allocated Demand Cost Allocation:         Demand           All         0.1488         \$3,542,549           Firm         0.8512         20,264,905           Total         1.0000         \$23,807,454           Volumetric Monthly Dem Mcf @14.65           Mall         All           Firm Service           Sales:         G-1         15,713,255         15,713,255           Interruptible Service         Sales:         G-2         211,845         211,845           Transportation Service	Total Demand Cost:           Texas Gas Transmission Midwestern         \$18,070,228           Midwestern         0           Tennessee Gas Pipeline Trunkline Gas Company Total         5,555,732           Bemand Cost Allocation: All         Factors         Allocated Demand Volumes           All         0.1488         \$3,542,549         15,925,100           Firm         0.8512         20,264,905         15,713,255           Total         1.0000         \$23,807,454         15,713,255           Firm Service Sales: G-1         Annualized Mcf @14.65         All Firm           Firm Service Sales: G-2         211,845         211,845           Transportation Service	Total Demand Cost:           Texas Gas Transmission Midwestern         \$18,070,228           Midwestern         0           Tennessee Gas Pipeline Trunkline Gas Company Total         \$181,494           Monthly Demand Cost Allocation:         Allocated Demand Volumes Firm           All         0.1488         \$3,542,549         15,925,100         0.2225           Firm         0.8512         20,264,905         15,713,255         1.2897           Total         1.0000         \$23,807,454         15,713,255         1.5122           Firm Service         Annualized Mcf @14.65         All Firm           Firm Service         Sales:         G-1         15,713,255         15,713,255         15,713,255         1.5122           Interruptible Service Sales:         G-2         211,845         211,845         1.5122           Transportation Service         1.5122         1.5122

Expected Gas Cost (EGC) Calculation Commodity - Total System

Exhibit B Page 7 of 8

(a)

(b)

(c)

(d)

No. Description		Purchas	es	Rate	Total
		Mcf	MMbtu	\$/Mcf	\$
1 <u>Texas Gas Area</u>					
2 No Notice Service		1,071,095	1,082,877	4.4794	4,797,905
3 Firm Transportation		876,351	885,991	4.4758	3,922,369
4 No Notice Storage		2,127,640	2,151,044	3.8557	8,203,436
5 Total Texas Gas Area	•	4,075,086	4,119,912	4.1530	16,923,710
6		, , , , , , , , , , , , , , , , , , , ,			.0,020,1.10
7 <u>Tennessee Gas Area</u>					
8 FT-A and FT-G		413,407	435,400	4.6036	1,903,177
9 FT-GS		0	0	0.0000	0,000,177
10 Gas Storage		· ·	<b>U</b>	0.0000	J
11 Injections		0	0	0.0000	0
12 Withdrawals		710,326	748,115	3.8492	2,734,211
13		1,123,733	1,183,515	4.1268	4,637,388
14 <u>Trunkline Gas Area</u>		1,120,100	1,100,010	1.1200	7,007,000
15 Firm Transportation		311,940	313,500	4.3230	1,348,521
16		011,040	313,300	4.0200	1,540,521
17 Company Owned Storage					
18 Injections		3,427,210	3,464,909	4.2630	13,070,350
19 Withdrawals		0,427,210	0,404,909	4.2030	13,070,330
20 Net WKG Storage		3,427,210	3,464,909	3.8137	13,070,350
21		3,427,210	3,404,303	3.0137	13,070,330
22					
23 Local Production		160,698	162,305	4.2630	685,056
24		100,090	102,303	4.2030	000,000
25					
26					
27 Total Commodity Purchases		9,098,667	9,244,141	4.0297	36,665,025
28		5,090,007	3,244,141	4.0297	30,000,020
29 Lost & Unaccounted for @	2.32%	211,089	214,464		
30	2.02 /0	211,009	214,404		
31 Total Deliveries		8,887,578	9,029,677	4.1254	36,665,025
32		0,007,570	9,029,077	4.1254	30,000,020
33					
34					
35 Total Expected Commodity Cost		8,887,578	9,029,677	4.1254	36,665,025
36	<del> </del>	0,007,070	3,023,011	4.1234	30,000,020
30 37					

37

38 Note: Column (c) is calculated by dividing column (d) by column (a)

39

Expected Gas Cost (EGC) Calculation Load Factor Calculation for Demand Allocation Exhibit B Page 8 of 8

## Line

No.	Description	MCF	
	Annualized Volumes Subject to Demand Charges		
1	Sales Volume	15,925,100	
2	Transportation	0	
3	Total Mcf Billed Demand Charges	15,925,100	
4	Divided by: Days/Year	365	
5	Average Daily Sales and Transport Volumes	43,630	
6			
7	Peak Day Sales and Transportation Volume		
8	Estimated total company firm requirements for 5 degree average		
9	temperature days from Peak Day Book - with adjustments per rate filing	293,200	Mcf/Peak Day
10		<del> </del>	·
11			
12	New Load Factor (line 5 / line 9)	0.1488	

Basis for Indexed Gas Cost For the Quarter ending April 30, 2014

The projected commodity price was provided by the Gas Supply Department and was based upon the following:

A. The Gas Supply Department reviewed the NYMEX futures close prices for the quarter of February 2014 through April 2014 during the period December 06 through December 19, 2013.

		Feb-14 (\$/MMBTU)	Mar-14 (\$/MMBTU)	Apr-14 (\$/MMBTU)
Friday	12/06/13	4.110	4.096	4.036
Monday	12/09/13	4.225	4.203	4.125
Tuesday	12/10/13	4.231	4.204	4.128
Wednesday	12/11/13	4.331	4.296	4.163
Thursday	12/12/13	4.401	4.363	4.170
Friday	12/13/13	4.350	4.320	4.138
Monday	12/16/13	4.286	4.264	4.140
Tuesday	12/17/13	4.304	4.286	4.145
Wednesday	12/18/13	4.274	4.259	4.115
Thursday	12/19/13	4.489	4.473	4.214
Average		\$4.300	\$4.276	\$4.137

B. The Company believes prices are decreasing and prices for the quarter ending April 30, 2014 will settle at \$4.263 per MMBTU (based on the average of the past ten days) for the period that the GCA is to become effective.

In support of Item B, a worksheet entitled "Estimated Weighted Average Cost of Gas" has been filed under a Petition for Confidentiality in this Case.

### Atmos Energy Corporation Estimated Weighted Average Cost of Gas For the Quarter ending April 30, 2014

		February-14			March-14			April-14				Total
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	Volumes	Rate	<u>Value</u>	Volumes	Rate	Value	Volumes	Rate	Value
Texas Gas												
Trunkline												
Tennessee Gas												
TX Gas Storage												
TN Gas Storage												
WKG Storage												
Midwestern												
MinnAcSfetti												
			(This informa	tion has beer	i filed und	er a Petition	for Confidentia	lity)				

WACOGs

Atmos Energy Corporation Correction Factor (CF) For the Three Months Ended October 2013 2014-00000

Exhibit D Page 1 of 6

	(a)	(b)	(c)	(d) Actual GCA	(e) Under (Over)	(f)		(g)
Line No.	Month	Actual Purchased Volume (Mcf)	Recoverable Gas Cost	Recovered Gas Cost	Recovery Amount	Adjustments		Total
1 2	August-13	380,198	\$2,869,109.44	\$1,986,535.36	\$882,574.08	\$0.00		\$882,574.08
3 4	September-13	532,242	\$3,765,669.89	\$2,163,105.77	\$1,602,564.12	\$0.00		\$1,602,564.12
5	October-13	1,027,853	\$5,545,322.20	\$2,976,695.95	\$2,568,626.25	\$0.00		\$2,568,626.25
7	Total Gas Cost	•		_			-	
8 9	Under/(Over) Reco	overy	<u>\$12,180,101.53</u>	<u>\$7,126,337.08</u>	\$5,053,764.45	\$0.00		\$5,053,764.45
10 11	PBR Savings refle	cted in Gas Costs	\$956,610.01					
12	Correction Factor	- Part 1						
13	(Over)/Under Reco	overed Gas Cost thro	ugh July 2013 (Augu	st 2013 GL)		(1,065,007.60)		
14		der/(Over) Recovery			3	5,053,764.45		
15		standing Correction F				(21,110.76)		
16		nount of Pipeline Refu				53,903.63		
17	(Over)/Under Reco	overed Gas Cost throu	ugh October 2013 (N	lovember 2013 GL)	(a)	\$4,021,549.72		
18 19	Divided By: Total	Expected Customer S	ales (b)		•	15,925,100	Mcf	
20	Correction Factor -	- Part 1				\$0.2525	/ Mcf	
21						,		
22	Correction Factor -							
23		Sas Cost through Nov				390,400.78		
24	Divided By: Total I	Expected Customer S	ales (b)		•	15,925,100		
25								
26	Correction Factor -	- Part 2				\$0.0245	/ Mcf	
27	O	T + 1 (OF)						
28	Correction Factor -							
29 30	Total Deterred Ball	ance through October	2013 (November 20	113 GL) including N	et Uncol Gas Cost <sub>-</sub>	\$4,411,950.50		
30 31	Divided By: Total I	Expected Customer S	ales (b)			15,925,100		
32 33	Correction Factor	r - Total (CF)			=	\$0.2770	/ Mcf	

Recoverable Gas Cost Calculation For the Three Months Ended October 2013 2014-00000 Exhibit D Page 2 of 6

		GL	September-13	October-13	November-13
Line		_	(a)	(b) Month	(c)
No.	Description	Unit	August-13	September-13	October-13
1	Supply Volume				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	Mcf	0	0	0
4	Tennessee Gas Pipeline 1	Mcf	0	0	0
5	Trunkline Gas Company 1	Mcf	0	0	0
6	Midwestern Pipeline <sup>1</sup>	Mcf	0	0	0
7	Total Pipeline Supply	Mcf	0	0	0
8	Total Other Suppliers	Mcf	1,907,208	1,946,166	2,412,151
9	Off System Storage				
10	Texas Gas Transmission	Mcf	0	0	0
11	Tennessee Gas Pipeline	Mcf	0	0	0
12	System Storage				
13	Withdrawals	Mcf	0	0	8,222
14	Injections	Mcf	(972,474)	(977,382)	(969,745)
15	Producers	Mcf	68,772	56,539	56,270
16	Third Party Reimbursements	Mcf	0	(2)	0
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances <sup>2</sup>	Mcf _	(623,308)	(493,079)	(479,045)
19	Total Supply	Mcf	380,198	532,242	1,027,853
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf _	00	0	0
24	Total Purchases	Mcf _	380,198	532,242	1,027,853

<sup>&</sup>lt;sup>1</sup> Includes settlement of historical imbalances and prepaid items.

<sup>&</sup>lt;sup>2</sup> Includes Texas Gas No-Notice Service volumes and monthly imbalances related to transportation customer activities.

Recoverable Gas Cost Calculation For the Three Months Ended October 2013 2014-00000 Exhibit D Page 3 of 6

		GL	September-13	October-13	November-13
Line			(a)	(b) Month	(c)
No.	Description	_ Unit	August-13	September-13	October-13
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	\$	1,222,644	1,219,193	1,644,831
4	Tennessee Gas Pipeline <sup>1</sup>	\$	225,305	224,980	246,824
5	Trunkline Gas Company 1	\$	5,960	5,323	5,501
6	Twin Eagle Resource Management	\$	7,251	12,862	10,537
7	Midwestern Pipeline 1	\$			
8	Total Pipeline Supply	\$	1,461,160	1,462,357	1,907,692.37
9	Total Other Suppliers	\$	6,460,585	6,809,839	8,383,652
10	Hedging Settlements	\$	0	0	0
11	Off System Storage				
12	Texas Gas Transmission	\$			
13	Tennessee Gas Pipeline	\$			
14	WKG Storage	\$	122,500	122,500	122,500
15	System Storage				
16	Withdrawals	\$	0	0	33,246
17	Injections	\$	(3,249,619)	(3,381,025)	(3,425,240)
18	Producers	\$	220,441	190,417	190,274
19	Third Party Reimbursements	\$	(724)	(359)	(786)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances <sup>2</sup>	\$	(2,145,234)	(1,438,059)	(1,666,015)
22	Sub-Total	\$	2,869,109	3,765,670	5,545,322.20
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$	0	0	0
26	Recovered thru Transportation	\$	0	0	0
27	Total Recoverable Gas Cost	\$	2,869,109.44	3,765,669.89	5,545,322.20

<sup>&</sup>lt;sup>1</sup> Includes demand charges, cost of settlement of historical imbalances and prepaid items.

<sup>&</sup>lt;sup>2</sup> Includes Texas Gas No-Notice Service volumes and monthly imbalances related to transportation customer activities.

37

Recovery from Correction Factors (CF) For the Three Months Ended October 2013 2014-00000

Exhibit D Page 4 of 6

Line			(a)	(b) CF	(c) CF	(d) RF	(e) RF	(f) PBR	(g) PBRRF	(h) GCA	(i) GCA Recovery	(j) Total
No.	Month	Type of Sales	Mcf Sold	Rate	Amounts	Rate	Amounts	Rate	Amounts	Rate	Amounts	Recoveries
1	August-13	G-1 Sales	343,663.5	\$0.0156	\$5,361.15	(\$0.0567)	(\$19,485.72)	\$0.1623	\$55,776.58	\$5,5442	\$1,905,338,91	\$1,946,990,92
2		G-2 Sales	14,646.7	\$0.0156_	228.49	(\$0.0567)	(830.47)	\$0.1623	2,377.17	\$4.3442	63,628.36	\$65,403,55
6		Sub Total	358,310.2		\$5,589.64	· · · · · ·	(\$20,316.19)		\$58,153.75		\$1,968,967.27	\$2,012,394.47
7		Timing: Cycle Billing and PPA's	0.0		(2,121.80)		(204.14)		633.10		17,568.09	\$15,875.25
8		Total	358,310.2		\$3,467.84		(\$20,520.33)		\$58,786.85	_	\$1,986,535.36	\$2,028,269.72
9												, , , , , , , , , , , , , , , , , , , ,
10												
11	September-13	G-1 Sales	370,942.5	\$0.0156	\$5,786.70	(\$0.0567)	(\$21,032.44)	\$0.1623	\$60,203.97	\$5.5442	\$2,056,579.53	\$2,101,537.76
12		G-2 Sales	24,867.0	\$0.0156	387.92	(\$0.0567)	(1,409.96)	\$0.1623	4,035.91	\$4.3442	108,027.07	\$111,040.94
16		Sub Total	395,809.5		\$6,174.62		(\$22,442.40)		\$64,239.88	_	\$2,164,606.60	\$2,212,578.70
17		Timing: Cycle Billing and PPA's	*****		3,184.85		(493.59)		406.87		(1,500.83)	\$1,597.30
18		Total	395,809.5		\$9,359.47		(\$22,935.99)		\$64,646.75	_	\$2,163,105.77	\$2,214,176.00
19												
20												
21	October-13	G-1 Sales	507,215.2	\$0.0156	\$7,912.56	(\$0.0567)	(\$28,759.10)	\$0.1623	\$82,321.02	\$5.5442	\$2,812,102.36	\$2,873,576.84
22		G-2 Sales	35,251.5	\$0.0156	549.92	(\$0.0567)	(1,998.76)	\$0.1623	5,721.31	\$4.3442	153,139.38	\$157,411.85
26		Sub Total	542,466.6		\$8,462.48		(\$30,757.86)		\$88,042.33		\$2,965,241.74	\$3,030,988.69
27		Timing: Cycle Billing and PPA's	0.0	_	(179.03)		(209.78)		436.25		11,454.21	\$11,501.65
28		Total	542,466.6		\$8,283.45		(\$30,967.64)		\$88,478.58	_	\$2,976,695.95	\$3,042,490.34
29												
30	<b></b>											
31		n Correction Factor (CF)		_	\$21,110.76							
32		nded through the Refund Factor (RF)					(\$74,423.96)					
33	Total Recovery from	n Performance Based Rate Recovery	Factor (PBRRF)					-	\$211,912.18	_		
34		om Expected Gas Cost (EGC) Factor								_	\$7,126,337.08	
35	Total Recoveries fr	om Gas Cost Adjustment Factor (GCA	<del>\</del> )							<u></u>		\$7,284,936.06
36												

NOTE: The cycle billing is a result of customers being billed by the meter read date.
The prior period adjustments (PPA's) consist of billing revisions/adjustments.

n				ember, 2013	October, 2013		
Description	MCF	Cost	MCF	Cost	MCF	Cost	
1 Texas Gas Pipeline Area 2 LG&E Natural 3 Texaco Gas Marketing 4 CMS 5 WESCO 6 Southern Energy Company 7 Union Pacific Fuels 8 Atmos Energy Marketing, LLC 9 Engage 10 ERI 11 Prepaid 12 Reservation							
<ul><li>13 Hedging Costs - All Zones</li><li>14</li></ul>							
15 <b>Total</b> 16 17	1,659,142	\$5,560,284.36	1,688,557	\$5,838,996.05	2,095,764	\$7,211,401.27	
18 Tennessee Gas Pipeline Area 19 Atmos Energy Marketing, LLC 20 Twin Eagle Resource Management 21 WESCO 22 Prepaid 23 Reservation 24 Fuel Adjustment							
25 26 <b>Total</b>	215,822	\$789,699.66	228,012	\$866,603.49	285,994	\$1,065,301.99	
27	,	<b>*</b> /***********************************	220,012	4000,000.10	200,004	Ψ1,000,001.00	
28 29 Trunkline Gas Company 30 Atmos Energy Marketing, LLC 31 Engage 32 Prepaid 33 Reservation 34 Fuel Adjustment							
36 Total 37 38	31,553	\$108,147.48	30,535	\$107,809.88	30,983	\$109,203.64	
Midwestern Pipeline Atmos Energy Marketing, LLC Midwestern Gas Transmission Anadarko Prepaid Reservation Fuel Adjustment							
46 47 Total 48	691	\$2,453.34	(938)	(\$3,570.57)	(590)	(\$2,255.30)	
49 50 ANR Pipeline 51 Atmos Energy Marketing, LLC 52 LG&E Natural 53 Anadarko 54 Prepaid 55 Reservation 56 Fuel Adjustment 57							
58 <b>Total</b> 59 60	0	\$0.00	0	\$0.00	0	\$0.00	
51 All Zones							
	1,907,208	\$6,460,584.84	1,946,166	\$6,809,838.85	2,412,151	\$8,383,651.60	

Net Uncollectible Gas Cost Twelve Months Ended November, 2013 Exhibit D Page 6 of 6

Line No.	Month (a)	Gas Cost Written Off (b)	Margin Written Off (c)	Taxes & Other Written Off (d)	Total Written Off (e)	Gas Cost Collected (f)	Margin Collected (g)	Net Uncollectible Gas Cost (h)	Cumulative Net Uncollectible Gas Cost (i)
1	Dec-12	(\$8,388.74)	(\$22,887.13)	(\$1,357.22)	(\$32,633.09)	\$14,116.34	\$14,989.80	(\$5,727.60)	(\$5,727.60)
2	Jan-13	(\$5,330.64)	(\$17,980.76)	(\$978.98)	(\$24,290.38)	\$11,135.83	\$10,855.59	(\$5,805.19)	(\$11,532.79)
3	Feb-13	(\$5,093.90)	(\$18,257.24)	(\$1,233.07)	(\$24,584.21)	\$11,336.14	\$11,478.03	(\$6,242.24)	(\$17,775.03)
4	Mar-13	(\$10,562.46)	(\$19,040.50)	(\$1,410.35)	(\$31,013.31)	\$4,076.96	\$4,879.28	\$6,485.50	(\$11,289.53)
5	Apr-13	(\$13,756.00)	(\$17,115.34)	(\$1,422.78)	(\$32,294.12)	\$4,206.45	\$5,026.09	\$9,549.55	(\$1,739.98)
6	May-13	(\$551.15)	(\$1,561.71)	(\$76.90)	(\$2,189.76)	\$7,606.84	\$25,908.27	(\$7,055.69)	(\$8,795.67)
7	Jun-13	(\$1,852.39)	(\$3,925.81)	(\$22.64)	(\$5,859.41)	\$4,818.81	\$2,325.85	(\$2,966.42)	(\$11,762.09)
8	Jul-13	(\$1,035.11)	(\$1,368.55)	\$53.83	(\$2,375.27)	\$6,751.68	\$1,835.15	(\$5,716.57)	(\$17,478.66)
9	Aug-13	(\$87.28)	(\$4,329.62)	\$88.44	(\$4,303.02)	\$4,913.31	\$4,350.04	(\$4,826.03)	(\$22,304.69)
10	Sep-13	(\$253,074.66)	(\$167,058.03)	(\$20,647.94)	(\$440,782.77)	\$5,048.13	\$4,415.35	\$248,026.53	\$225,721.84
11	Oct-13	\$2,157.89	(\$340.78)	\$115.17	\$1,932.28	\$25,260.20	\$18,365.20	(\$27,418.09)	\$198,303.75
12	Nov-13	(\$211,270.38)	(\$193,976.84)	(\$18,262.70)	(\$423,509.92)	\$19,173.35	\$17,326.33	\$192,097.03	\$390,400.78

Line No.	Amounts Reported:						AMOUN	<b>₹</b> Т
1 2 3 4 5 6 7	Tennessee Gas Pipeline PCB/HSL Refund, Do Tennessee Gas Pipeline Rate Case Refund, Do Carryover from Case No. 2013-00000 Less: amount related to specific end users Amount to flow-through  Average of the 3-Month Commercial Paper Rate	Docket No. RP11-19	566 ately	2-132		:	\$	0.00
8 9	preceding 12-month period less 1/2 of 1% to cover the costs of refunding.							
10 11	Allocation	The second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the section in	(1) Demand	(2) Commod		(3) otal		
12 13 14 15	Balance to be Refunded		\$0 0		\$0 0	\$0 0		
16 17 18	Total (w/o interest) Interest (Line 14 x Line 5) Total		0 0 \$0		0 0 \$0	0 0 \$0		
19 20	Refund Calculation							
21 22 23 24	Demand Allocator - All (See Exh. B, p. 8, line 12) Demand Allocator - Firm	0.1488						
25	(1 - Demand Allocator - All)	0.8512						
26 27 28	Firm Volumes (normalized) (See Exh. B, p. 6, col. 3, line 28) All Volumes (excluding Transportation)	15,713,255						
29	(See Exh. B, p. 6, col. 2, line 28)	15,925,100						
30 31 32 33	Demand Factor - All Demand Factor - Firm Commodity Factor	\$0 \$0 \$0	\$0.0000 \$0.0000		/ MC	F		
34 35	Total Demand Firm Factor (Col. 2, lines 29 - 30)		\$0.0000	/ MCF				
36 37	Total Demand Interruptible Factor (Col. 2, line 29)		\$0.0000	/ MCF				
38 39 40	Total Firm Sales Factor (Col. 2, line 31 + col. 1, line 33)			\$ -	/ MC	F *		
41	Total Interruptible Sales Factor (Col. 2, line 31 + col. 1, line 35)			\$ -	/ MC	F*		

<sup>\*</sup> The Company's notice sets out a new Refund Factor of (\$0.0000) per Mcf which will remain in effect until at least April 30, 2014. The Company has refunded the original obligation to our customers for all pipeline refunds.

# Atmos Energy Corporation Performance Based Rate Recovery Factor 2014-00000 (PBRRF)

Line			
No.	Amounts Reported:		AMOUNT
1	Company Share of 11/12-10/13 PBR Activity		\$ 2,699,935.36
2	Carry-over Amount in Case No. 2010-00526		\$382,557.62
3		_	-
4	Total		\$ 3,082,492.98
5			
6			
7	Total		\$ 3,082,492.98
8	Less: Amount related to specific end users	-	0.00
9	Amount to flow-through	=	\$ 3,082,492.98
10			
11 12			
13	Allocation	Total	
14	Allocation	Total	
15	Company share of PBR activity	\$ 3,082,492.98	
16	company character at the same	Ţ 0,00m, 10m.00	
17	PBR Calculation		
18		ADMINISTRAÇÃO DE CONTRACTOR DE	
19	Demand Allocator - All		
20	(See Exh. B, p. 6, line 10)	0.1488	
21	Demand Allocator - Firm		
22	(1 - Demand Allocator - All)	0.8512	
23	Firm Volumes (normalized)	45 - 46 4	
24	(See Exh. B, p. 6, col. (a), line 19)	15,713,255	,
25 26	All Volumes (excluding Transportation)	15 005 100	
20 27	(See Exh. B, p. 6, col. (b), line 28)	15,925,100	
28			
29	Total Sales Factor (Line 15 / Line 26)	\$ 0.1936 / MCF	
30	Total Gales Factor (Line 107 Line 20)	ψ 0.1000 / MOI	
31	Total Interruptible Sales Factor (Line 29)	\$ 0.1936 / MCF	

Atmos Energy Corporation
Performance Based Rate Recovery - Residual Balance Calculation
Carry-over Amount in Case No.

EXHIBIT E Workpaper 1

Company Share of 11/11-10/12 PBR Activity Carry-over Amount in Case No. 2009-00544

2,138,406.33 131,999.23

Balance Filed in Case No.

2,270,405.56

		PBR					
Line				PBR	Recovery	Total PBR	
<u>No.</u>	<u>Month</u>	<u>Sales</u>	<u>PBRRF</u>	<u>Recoveries</u>	<u>Adjustments</u>	<u>Recoveries</u>	<u>Balance</u>
	(a)	(b)	(c)	(d)	(e)	(d) + (e) = (f)	Prior $(g) - (f) = (g)$
1							
2	Balance Forwa	ard (from above)					\$ 2,270,405.56
3	Feb-12	2,603,921	\$0.1302	\$339,030.48	(\$50.04)	338,980.44	1,931,425.12
4	Mar-12	1,871,158	0.1302	243,624.76	0.33	243,625.09	1,687,800.03
5	Apr-12	687,121	0.1302	89,463.12	0.31	89,463.43	1,598,336.60
6	May-12	568,519	0.1302	74,021.11	0.61	74,021.72	1,524,314.88
7	Jun-12	424,746	0.1302	55,301.98	0.76	55,302.74	1,469,012.14
8	Jul-12	398,142	0.1302	51,838.13	0.33	51,838.46	1,417,173.68
9	Aug-12	437,555	0.1302	56,969.70	4,004.94	60,974.64	1,356,199.04
10	Sep-12	433,205	0.1302	56,403.26	(44.31)	56,358.95	1,299,840.09
11	Oct-12	682,688	0.1302	88,885.93	(0.84)	88,885.09	1,210,955.00
12	Nov-12	1,400,141	0.1302	182,298.32	(7.49)	182,290.83	1,028,664.17
13	Dec-12	1,934,267	0.1302	251,841.50	(0.52)	251,840.98	776,823.19
14	Jan-13	3,028,151	0.1302	394,265.20	0.37	394,265.57	382,557.62
15				·		•	,
16	Total	14,469,612		\$1,883,943.49	\$3,904.45	\$1,887,847.94	\$382,557.62