



December 23, 2015

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

RECEIVED

DEC 23 2015

PUBLIC SERVICE
COMMISSION

Re: Case No. 2016-00000

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. 2013-00148. **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,

A handwritten signature in blue ink that reads "Stellie Jackson".

Stellie S. Jackson
Rate Administration Analyst

Enclosures

RECEIVED

DEC 23 2015

PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE
KENTUCKY PUBLIC SERVICE COMMISSION

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2016-00000

NOTICE

QUARTERLY FILING

For The Period

February 1, 2016 – April 30, 2016

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

December 23, 2015

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. 2013-00148**.

The Company hereby files Ninth Revised Sheet No. 4, Ninth Revised Sheet No. 5, and Ninth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective February 1, 2016.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.8772 per Mcf and \$2.6661 per Mcf for interruptible sales service. The supporting calculations for the Ninth 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 Rate Recovery Factor (PBRRF) Calculation

Since the Company's last GCA filing, Case No. 2015-00628, 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 1, 2016 through April 30, 2016, as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$4.1188 per Mcf for the quarter of February 1, 2016 through April 30, 2016, as compared to \$4.5800 per Mcf used for

the period of November 1, 2015 through January 31, 2016. The G-2 Expected Commodity Gas Cost will be approximately \$2.9077 for the quarter of February 1, 2016 through April 30, 2016 as compared to \$3.2582 for the period of November 1, 2015 through January 31, 2016.

3. The Company's notice sets out a new Correction Factor of \$(0.3572) per Mcf which will remain in effect until at least April 30, 2016. The new Correction factor includes the balance from Pipeline Refunds of \$0.00. This balance is due to adjustments to customers billed prior to the pipeline refund cutoff date (November 1, 2013).
4. The Refund Factor of (\$0.0035) per Mcf will remain in effect until the refund has been completed.

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. 2013-00148, effective January 24, 2014, the Company's GCA tariff allows recovery of any gas cost which is uncollectible, to be included in each February GCA filing.

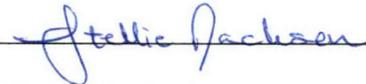
The Company is filing its updated Correction Factor that is based upon the balance in the Company's 1910 Account as of October 31, 2015 (November, 2015 general ledger). The calculation for the Correction Factor is shown on Exhibit D, Page 1 of 6. Also beginning

with the January, 2014 GCA filing in compliance with tariff page 16 from the Rate Case filing (Case No. 2013-00148) 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 Ninth Revised Sheet No. 5; and Ninth 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, 2016.

DATED at Dallas, Texas this 23th Day of December, 2015.

ATMOS ENERGY CORPORATION

By:  _____
Stellie S. Jackson
Rate Administration Analyst
Atmos Energy Corporation

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Rate Summary

Case No. 2016-00000

Firm Service

Base Charge:

Residential (G-1)	-	\$16.00	per meter per month
Non-Residential (G-1)	-	40.00	per meter per month
Transportation (T-4)	-	350.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf²

Sales (G-1)

Transportation (T-4)

First	300	¹ Mcf	@	5.1952	per Mcf	@	1.3180	per Mcf	(R, -)
Next	14,700	¹ Mcf	@	4.7572	per Mcf	@	0.8800	per Mcf	(R, -)
Over	15,000	Mcf	@	4.4972	per Mcf	@	0.6200	per Mcf	(R, -)

Interruptible Service

Base Charge	-	\$350.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf²

Sales (G-2)

Transportation (T-3)

First	15,000	¹ Mcf	@	3.4561	per Mcf	@	0.7900	per Mcf	(R, -)
Over	15,000	Mcf	@	3.1961	per Mcf	@	0.5300	per Mcf	(R, -)

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.

² DSM, PRP and R&D Riders may also apply, where applicable.

DATE OF ISSUE December 23, 2015
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2016
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 2016-00000 DATED N/A

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2016-00000

Applicable

For all Mcf billed under General Sales Service (G-1) and Interruptible Sales Service (G-2).

Gas Charge = GCA

GCA = EGC + CF + RF + PBRRF

<u>Gas Cost Adjustment Components</u>	<u>G - 1</u>	<u>G-2</u>	
EGC (Expected Gas Cost Component)	4.1188	2.9077	(R, R)
CF (Correction Factor)	(0.3572)	(0.3572)	(I, I)
RF (Refund Adjustment)	(0.0035)	(0.0035)	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1191</u>	<u>0.1191</u>	(R, R)
GCA (Gas Cost Adjustment)	<u><u>\$3.8772</u></u>	<u><u>\$2.6661</u></u>	(R, R)

DATE OF ISSUE December 23, 2015
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2016
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 2016-00000 DATED N/A

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Transportation

Case No. 2016-00000

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

System Lost and Unaccounted gas percentage: 2.15%

				<u>Simple Margin</u>			<u>Non- Commodity</u>			<u>Gross Margin</u>	
<u>Transportation Service</u> ¹											
<u>Firm Service (T-4)</u>											
First	300	Mcf	@	\$1.3180 +		\$0.0000 =		\$1.3180	per Mcf		(-)
Next	14,700	Mcf	@	0.8800 +		0.0000 =		0.8800	per Mcf		(-)
All over	15,000	Mcf	@	0.6200 +		0.0000 =		0.6200	per Mcf		(-)
<u>Interruptible Service (T-3)</u>											
First	15,000	Mcf	@	\$0.7900 +		\$0.0000 =		\$0.7900	per Mcf		(-)
All over	15,000	Mcf	@	0.5300 +		0.0000 =		0.5300	per Mcf		(-)

¹ Excludes standby sales service.

DATE OF ISSUE December 23, 2015
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2016
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 2016-00000 DATED N/A

Line No.	Description	Case No.		Difference
		(a) 2015-00628 \$/Mcf	(b) 2016-00000 \$/Mcf	
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2013-00148)</u>			
4	First 300 Mcf	1.3180	1.3180	0.0000
5	Next 14,700 Mcf	0.8800	0.8800	0.0000
6	Over 15,000 Mcf	0.6200	0.6200	0.0000
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	3.0202	2.6789	(0.3413)
11	Demand	1.5598	1.4399	(0.1199)
12	Total EGC	4.5800	4.1188	(0.4612)
13	CF (Correction Factor)	(0.6457)	(0.3572)	0.2885
14	RF (Refund Adjustment)	(0.0035)	(0.0035)	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1527	0.1191	(0.0336)
16	GCA (Gas Cost Adjustment)	4.0835	3.8772	(0.2063)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	5.4015	5.1952	(0.2063)
20	Next 14,700 Mcf	4.9635	4.7572	(0.2063)
21	Over 15,000 Mcf	4.7035	4.4972	(0.2063)
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2013-00148)</u>			
27	First 15,000 Mcf	0.7900	0.7900	0.0000
28	Over 15,000 Mcf	0.5300	0.5300	0.0000
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	3.0202	2.6789	(0.3413)
33	Demand	0.2380	0.2288	(0.0092)
34	Total EGC	3.2582	2.9077	(0.3505)
35	CF (Correction Factor)	(0.6457)	(0.3572)	0.2885
36	RF (Refund Adjustment)	(0.0035)	(0.0035)	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1527	0.1191	(0.0336)
38	GCA (Gas Cost Adjustment)	2.7617	2.6661	(0.0956)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	3.5517	3.4561	(0.0956)
42	Over 14,700 Mcf	3.2917	3.1961	(0.0956)
43				
44				
45	<u>Refund Factor (RF)</u>			
47		Effective		
48	Case No.	Date	RF	
49				
50	1 - 2015-00103	5/1/2015	0.0000	
51	2 - 2015-00220	8/1/2015	0.0000	
52	3 - 2015-00628	11/1/2015	(0.0035)	
53	4 - 2016-00000	2/1/2016	0.0000	
54				
55	Total Refund Factor (RF)		(\$0.0035)	

Line No.	Description	Case No.		Difference
		(a) 2015-00628	(b) 2016-00000	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<u>T -4 Transportation Service / Firm Service (High Priority)</u>			
2				
3	<u>Simple Margin / Distribution Charge (per Case No. 2013-00148)</u>			
4	First 300 Mcf	1.3180	1.3180	0.0000
5	Next 14,700 Mcf	0.8800	0.8800	0.0000
6	Over 15,000 Mcf	0.6200	0.6200	0.0000
7				
8				
9	<u>T - 3 / Interruptible Service (Low Priority)</u>			
10				
11	<u>Simple Margin / Distribution Charge (per Case No. 2013-00148)</u>			
12	First 15,000 Mcf	0.7900	0.7900	0.0000
13	Over 15,000 Mcf	0.5300	0.5300	0.0000
14				

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units MMbtu	(c) Rate \$/MMbtu	(d) (e) Non-Commodity	
					Total \$	Demand \$
1	SL to Zone 2					
2	NNS Contract #	29760	12,340,360			
3	Base Rate	Section 4.4 - NNS		0.3088	3,810,703	3,810,703
4						
5	Total SL to Zone 2		<u>12,340,360</u>		<u>3,810,703</u>	<u>3,810,703</u>
6						
7	SL to Zone 3					
8	NNS Contract #	29762	27,757,688			
9	Base Rate	Section 4.4 - NNS		0.3543	9,834,549	9,834,549
10						
11	FT Contract #	29759	6,022,500			
12	Base Rate	Section 4.1 - FT		0.2939	1,770,013	1,770,013
13						
14	FT Contract #	34380	3,650,000			
15	Base Rate	Section 4.1 - FT		0.2939	1,072,735	1,072,735
16						
17	Total SL to Zone 3		<u>37,430,188</u>		<u>12,677,297</u>	<u>12,677,297</u>
18						
19	SL to Zone 4					
20	NNS Contract #	29763	3,320,769			
21	Base Rate	Section 4.4 - NNS		0.4190	1,391,402	1,391,402
22						
23	FT Contract #	31097	1,825,000			
24	Base Rate	Section 4.1 - FT		0.3670	669,775	669,775
25						
26	Total SL to Zone 4		<u>5,145,769</u>		<u>2,061,177</u>	<u>2,061,177</u>
27						
28	Zone 2 to Zone 4					
29	FT Contract #	34674	2,309,720			
30	Base Rate	Section 4.1 - FT		0.2780	642,102	642,102
31						
32	Total Zone 2 to Zone 4		<u>2,309,720</u>		<u>642,102</u>	<u>642,102</u>
33						
34	Total SL to Zone 2		12,340,360		3,810,703	3,810,703
35	Total SL to Zone 3		37,430,188		12,677,297	12,677,297
36	Total Zone 1 to Zone 3		0		0	0
37	Total SL to Zone 4		5,145,769		2,061,177	2,061,177
38	Total Zone 2 to Zone 4		2,309,720		642,102	642,102
39						
40	Total Texas Gas		<u>57,226,037</u>		<u>19,191,279</u>	<u>19,191,279</u>
41						
42						
43	Total Texas Gas Area Non-Commodity				<u>19,191,279</u>	<u>19,191,279</u>

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units MMbtu	(c) Rate \$/MMbtu	(d) (e) Non-Commodity	
					Total \$	Demand \$
1	0 to Zone 2					
2	FT-G Contract # 2546		145,000			
3	Base Rate	23		15.5759	2,258,506	2,258,506
4						
5	FT-A Contract # 95033		144,000			
6	Base Rate	14		15.5759	2,242,930	2,242,930
7						
8	FT-A Contract # 308768		2,500			
9	Base Rate	14		15.5759	38,940	38,940
10						
12	Total Zone 0 to 2		<u>291,500</u>		<u>4,540,376</u>	<u>4,540,376</u>
13						
14	1 to Zone 2					
15	FT-A Contract # 300264		30,000			
16	Base Rate	14		10.5774	317,322	317,322
17						
18	Total Zone 1 to 2		<u>30,000</u>		<u>317,322</u>	<u>317,322</u>
19						
20	Gas Storage					
21	Production Area:					
22	Demand	61	34,968	2.0344	71,139	71,139
23	Space Charge	61	4,916,148	0.0207	101,764	101,764
24	Market Area:					
25	Demand	61	237,408	1.4938	354,640	354,640
26	Space Charge	61	<u>10,846,308</u>	0.0205	<u>222,349</u>	<u>222,349</u>
27	Total Storage		16,034,832		749,892	749,892
28						
29	Total Tennessee Gas Area FT-G Non-Commodity				<u><u>5,607,590</u></u>	<u><u>5,607,590</u></u>

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)	(d)	(e) Rate	(f) Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>No Notice Service</u>				1,190,155		
2	Indexed Gas Cost					2.0430	2,431,487
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	58,318
4	Fuel and Loss Retention @	Section 4.18.1	2.30%			0.0481	57,246
5						2.1401	2,547,051
6							
7	<u>Firm Transportation</u>				973,763		
8	Indexed Gas Cost					2.0430	1,989,399
9	Base (Weighted on MDQs)					0.0442	43,040
10	ACA	Section 4.1 - FT				0.0014	1,363
11	Fuel and Loss Retention @	Section 4.18.1	2.30%			0.0481	46,838
12						2.1367	2,080,640
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				2,304,690	2.7020	6,227,272
16	Injections				0	2.0430	0
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	112,930
18	Fuel and Loss Retention @	Section 4.18.1	2.30%			0.0481	110,856
19					2,304,690	2.7991	6,451,058
20							
21							
22	Total Purchases in Texas Area				4,468,609	2.4792	11,078,749
23							
24							
25	<u>Used to allocate transportation non-commodity</u>						
26							
27				Annualized		Commodity	
28				MDQs in		Charge	Weighted
29	<u>Texas Gas</u>			MMbtu	Allocation	\$/MMbtu	Average
30	SL to Zone 2	Section 4.1 - FT		12,340,360	21.56%	\$0.0399	\$ 0.0086
31	SL to Zone 3	Section 4.1 - FT		37,430,188	65.41%	0.0445	\$ 0.0291
32	1 to Zone 3	Section 4.1 - FT		0	0.00%	0.0422	\$ -
33	SL to Zone 4	Section 4.1 - FT		5,145,769	8.99%	0.0528	\$ 0.0047
34	2 to Zone 4	Section 4.1 - FT		2,309,720	4.04%	0.0446	\$ 0.0018
35	Total			57,226,037	100.0%		\$ 0.0442
36							
37	<u>Tennessee Gas</u>						
38	0 to Zone 2	24		291,500	90.67%	\$0.0167	\$ 0.0151
39	1 to Zone 2	24		30,000	9.33%	0.0087	0.0008
40	Total			321,500	100.00%		\$ 0.0160

Line No.	Description	Tariff Sheet No.	(a)	(b)	(c)	(d)	(e)	(f)
			Purchases	Rate	Total	Mcf	MMbtu	\$/MMbtu
1	<u>FT-A and FT-G</u>					440,777		
2	Indexed Gas Cost						2.0430	900,507
3	Base Commodity (Weighted on MDQs)						0.0160	7,032
4	ACA	24					0.0014	617
5	Fuel and Loss Retention	32	1.26%				0.0261	11,504
6							2.0865	919,660
7								
8	<u>FT-GS</u>					0		
9	Indexed Gas Cost						2.0430	0
10	Base Rate	26					0.8697	0
11	ACA	24					0.0014	0
12	Fuel and Loss Retention	32	1.26%				0.0261	0
13							2.9402	0
14								
15	<u>Gas Storage</u>							
16	FT-A & FT-G Market Area Withdrawals					754,053	2.7020	2,037,451
17	FT-A & FT-G Market Area Injections					0	2.0430	0
18	Withdrawal Rate	61					0.0087	6,560
19	Injection Rate	61					0.0087	0
20	Fuel and Loss Retention	61	0.80%				0.0001	75
21	Total					754,053	2.7108	2,044,086
22								
23								
24								
25	Total Tennessee Gas Zones					1,194,830	2.4805	2,963,746

Commodity		(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Tariff Sheet No.		Purchases		Rate	Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>Firm Transportation</u>						
2	Expected Volumes				225,000		
3	Indexed Gas Cost					2.0430	459,675
4	Base Commodity	13				0.0051	1,148
5	ACA	13				0.0014	315
6	Fuel and Loss Retention	13	1.54%			0.0298	6,705
7						<u>2.0793</u>	<u>467,843</u>
8							
9							

Non-Commodity

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units	(c) (d) (e) Non-Commodity		
				Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
	Injections					
10	FT-G Contract # 014573		33,750			
11	Discount Rate on MDQs			5.3776	181,494	181,494
12						
13	Total Trunkline Area Non-Commodity				<u>181,494</u>	<u>181,494</u>

Line No.	(a)	(b)	(c)	(d)	(e)
1	<u>Total Demand Cost:</u>				
2	Texas Gas Transmission	\$19,191,279			
3	Midwestern	0			
4	Tennessee Gas Pipeline	5,607,590			
5	Trunkline Gas Company	181,494			
6	Total	<u>\$24,980,363</u>			
7					
8		Allocated	Related	<u>Monthly Demand Charge</u>	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1673	\$4,179,215	18,265,729	0.2288 0.2288
11	Firm	0.8327	20,801,148	17,175,982	1.2111
12	Total	<u>1.0000</u>	<u>\$24,980,363</u>		<u>1.4399 0.2288</u>
13					
14			Volumetric Basis for		
15		Annualized	<u>Monthly Demand Charge</u>		
16		Mcf @14.65	All	Firm	
17	<u>Firm Service</u>				
18	Sales:				
19	G-1	17,175,982	17,175,982	17,175,982	1.4399
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	1,089,747	1,089,747		1.4399 0.2288
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	30,187,776			
27					
28		<u>48,453,505</u>	<u>18,265,729</u>	<u>17,175,982</u>	
29					
30					

Line No.	Description	(a)	(b)	(c)	(d)
		Purchases Mcf	MMbtu	Rate \$/Mcf	Total \$
1	<u>Texas Gas Area</u>				
2	No Notice Service	1,179,423	1,190,155	2.1596	2,547,051
3	Firm Transportation	964,982	973,763	2.1561	2,080,640
4	No Notice Storage	2,283,906	2,304,690	2.8246	6,451,058
5	Total Texas Gas Area	4,428,311	4,468,609	2.5018	11,078,749
6					
7	<u>Tennessee Gas Area</u>				
8	FT-A and FT-G	409,378	440,777	2.2465	919,660
9	FT-GS	0	0	0.0000	0
10	Gas Storage				
11	Injections	0	0	0.0000	0
12	Withdrawals	700,337	754,053	2.9187	2,044,086
13		1,109,715	1,194,830	2.6707	2,963,746
14	<u>Trunkline Gas Area</u>				
15	Firm Transportation	223,881	225,000	2.0897	467,843
16					
17	<u>Company Owned Storage</u>				
18	Injections	3,359,430	3,390,001	2.0430	9,403,381
19	Withdrawals	0	0		0
20	Net WKG Storage	3,359,430	3,390,001	2.7991	9,403,381
21					
22					
23	Local Production	7,019	5,536	2.0430	14,340
24					
25					
26					
27	Total Commodity Purchases	9,128,356	9,283,976	2.6213	23,928,059
28					
29	Lost & Unaccounted for @	2.15%	196,259	199,605	
30					
31	Total Deliveries	8,932,097	9,084,371	2.6789	23,928,059
32					
33					
34					
35	Total Expected Commodity Cost	8,932,097	9,084,371	2.6789	23,928,059
36					
37					
38	Note: Column (c) is calculated by dividing column (d) by column (a)				
39					

Line No.	Description	MCF
	<u>Annualized Volumes Subject to Demand Charges</u>	
1	Sales Volume	18,265,729
2	Transportation	0
3	Total Mcf Billed Demand Charges	18,265,729
4	Divided by: Days/Year	365
5	Average Daily Sales and Transport Volumes	50,043
6		
7	<u>Peak Day Sales and Transportation Volume</u>	
8	Estimated total company firm requirements for 5 degree average	
9	temperature days from Peak Day Book - with adjustments per rate filing	299,064 Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1673
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending April 30, 2016

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 2016 through April 2016 during the period December 07 through December 18, 2015.

		Feb-16 (\$/MMBTU)	Mar-16 (\$/MMBTU)	Apr-16 (\$/MMBTU)
Monday	12/07/15	2.132	2.174	2.237
Tuesday	12/08/15	2.127	2.171	2.239
Wednesday	12/09/15	2.117	2.162	2.232
Thursday	12/10/15	2.075	2.129	2.208
Friday	12/11/15	2.050	2.107	2.192
Monday	12/14/15	1.959	2.018	2.109
Tuesday	12/15/15	1.886	1.950	2.051
Wednesday	12/16/15	1.866	1.948	2.057
Thursday	12/17/15	1.873	1.972	2.091
Friday	12/18/15	1.869	1.972	2.097
Average.		<u>\$1.995</u>	<u>\$2.060</u>	<u>\$2.151</u>

- B. The Company believes prices are decreasing and prices for the quarter ending April 30, 2016 will settle at \$2.043 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, 2016

	February-16			March-16			April-16			Total		
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>									
Texas Gas												
Trunkline												
Tennessee Gas												
TX Gas Storage												
TN Gas Storage												
WKG Storage												
Midwestern												

(This Information has been filed under a Petition for Confidentiality)

WACOGs

Line No.	(a) Month	(b) Actual Purchased Volume (Mcf)	(c) Recoverable Gas Cost	(d) Actual GCA Recovered Gas Cost	(e) Under (Over) Recovery Amount	(f) Adjustments	(g) Total
1	August-15	417,774	\$2,782,532.64	\$1,982,004.74	\$800,527.90	\$0.00	\$800,527.90
2							
3	September-15	521,144	\$2,785,892.95	\$1,841,414.49	\$944,478.46	\$0.00	\$944,478.46
4							
5	October-15	717,764	\$3,881,510.73	\$2,528,962.79	\$1,352,547.94	\$0.00	\$1,352,547.94
6							
7	Total Gas Cost						
8	Under/(Over) Recovery		<u>\$9,449,936.32</u>	<u>\$6,352,382.02</u>	<u>\$3,097,554.30</u>	<u>\$0.00</u>	<u>\$3,097,554.30</u>
9							
10	PBR Savings reflected In Gas Costs		<u>\$1,027,537.18</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through July 2015 (August 2015 GL)					(11,946,245.46)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended October 2015					3,097,554.30	
15	Recovery from outstanding Correction Factor (CF)					942,630.00	
16	Over-Refunded Amount of Pipeline Refunds					0.00	
17	(Over)/Under Recovered Gas Cost through October 2015 (November 2015 GL) (a)					<u>(\$7,906,061.16)</u>	
18	Divided By: Total Expected Customer Sales (b)					18,265,729	Mcf
19							
20	Correction Factor - Part 1					<u>(\$0.4328)</u>	/ Mcf
21							
22	<u>Correction Factor - Part 2</u>						
23	Net Uncollectible Gas Cost through November 2014 (c)					1,381,289.83	
24	Divided By: Total Expected Customer Sales (b)					18,265,729	
25							
26	Correction Factor - Part 2					<u>\$0.0756</u>	/ Mcf
27							
28	<u>Correction Factor - Total (CF)</u>						
29	Total Deferred Balance through October 2015 (November 2015 GL) including Net Uncol Gas Cost					<u>(\$6,524,771.33)</u>	
30	Divided By: Total Expected Customer Sales (b)					18,265,729	
31							
32	Correction Factor - Total (CF)					<u>(\$0.3572)</u>	/ Mcf
33							

Line No.	Description	GL Unit	September-15	October-15	November-15
			(a)	(b)	(c)
			Month		
			August-15	September-15	October-15
1	Supply Volume				
2	Pipelines:				
3	Texas Gas Transmission ¹	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 ¹	Mcf	0	0	0
7	Total Pipeline Supply	Mcf	0	0	0
8	Total Other Suppliers	Mcf	1,764,917	2,000,281	2,061,141
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	0
14	Injections	Mcf	(847,824)	(824,442)	(842,096)
15	Producers	Mcf	2,248	1,934	1,633
16	Third Party Reimbursements	Mcf	(44)	(9)	(42)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(501,523)	(656,620)	(502,872)
19	Total Supply	Mcf	417,774	521,144	717,764
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	417,774	521,144	717,764

¹ Includes settlement of historical imbalances and prepaid items.

² Includes Texas Gas No-Notice Service volumes and monthly imbalances related to transportation customer activities.

Line No.	Description	GL Unit	September-15	October-15	November-15
			(a)	(b)	(c)
			August-15	Month September-15	October-15
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,278,790	1,246,478	1,694,899
4	Tennessee Gas Pipeline ¹	\$	196,379	196,379	207,522
5	Trunkline Gas Company ¹	\$	6,876	6,656	6,876
6	Twin Eagle Resource Management	\$	20,964	20,540	23,882
7	Midwestern Pipeline ¹	\$	0	0	0
8	Total Pipeline Supply	\$	1,503,010	1,470,052	1,933,179
9	Total Other Suppliers	\$	4,931,035	5,049,024	5,120,548
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	0
17	Injections	\$	(2,342,203)	(2,057,897)	(2,076,011)
18	Producers	\$	13,015	5,066	3,958
19	Third Party Reimbursements	\$	(2,516)	(3,869)	(1,231)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances ²	\$	(1,442,307)	(1,798,984)	(1,221,432)
22	Sub-Total	\$	2,782,533	2,785,893	3,881,511
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$	0		
26	Recovered thru Transportation	\$	0		
27	Total Recoverable Gas Cost	\$	<u>2,782,532.64</u>	<u>2,785,892.95</u>	<u>3,881,510.73</u>

¹ Includes demand charges, cost of settlement of historical imbalances and prepaid items.

² Includes Texas Gas No-Notice Service volumes and monthly imbalances related to transportation customer activities.

Atmos Energy Corporation
Recovery from Correction Factors (CF)
For the Three Months Ended October 2015
2018-00000

Line No.	Month	Type of Sales	(a) Mcf Sold	(b) CF Rate	(c) CF Amounts	(d) RF Rate	(e) RF Amounts	(f) PBR Rate	(g) PBRRF Amounts	(h) EGC Rate	(i) EGC Recovery Amounts	(j) Total Recoveries	
1	August-15	G-1 Sales	386,425.285	(\$0.7274)	(\$281,085.75)	\$0.0000	\$0.00	\$0.1527	\$59,007.14	\$4.7980	\$1,854,068.52	\$1,631,989.91	
2		G-2 Sales	10,248.235	(\$0.7274)	(7,454.57)	\$0.0000	0.00	\$0.1527	1,564.91	\$3.4771	35,834.14	\$29,744.48	
6		Sub Total	396,673.520		(\$288,540.32)		\$0.00		\$60,572.05		\$1,889,702.66	\$1,661,734.39	
7		Timing: Cycle Billing and PPA's	0.000		7,135.82		0.00		3,617.62		92,302.08	\$103,055.52	
8		Total	396,673.520		(\$281,404.50)		\$0.00		\$64,189.67		\$1,982,004.74	\$1,764,789.91	\$1,700,000.00
11	September-15	G-1 Sales	374,846.059	(\$0.7274)	(\$272,863.02)	\$0.0000	\$0.00	\$0.1527	\$57,238.99	\$4.7980	\$1,798,511.39	\$1,583,087.36	
12		G-2 Sales	3,824.120	(\$0.7274)	(2,636.18)	\$0.0000	0.00	\$0.1527	553.40	\$3.4771	12,801.43	\$10,518.65	
16		Sub Total	378,470.179		(\$275,299.20)		\$0.00		\$57,792.39		\$1,811,112.82	\$1,593,606.01	
17		Timing: Cycle Billing and PPA's	0.000		(348.04)		0.00		1,300.55		30,301.67	\$31,254.18	
18		Total	378,470.179		(\$275,847.24)		\$0.00		\$59,092.94		\$1,841,414.49	\$1,624,860.19	\$1,585,700.00
21	October-15	G-1 Sales	525,824.254	(\$0.7274)	(\$382,339.08)	\$0.0000	\$0.00	\$0.1527	\$80,262.82	\$4.7980	\$2,521,945.17	\$2,219,868.91	
22		G-2 Sales	4,277.886	(\$0.7274)	(3,111.73)	\$0.0000	0.00	\$0.1527	853.23	\$3.4771	14,874.64	\$12,416.14	
26		Sub Total	529,902.140		(\$385,450.81)		\$0.00		\$80,916.05		\$2,538,819.81	\$2,232,285.05	
27		Timing: Cycle Billing and PPA's	0.000		(127.45)		0.00		16.97		(7,857.02)	(\$7,967.50)	
28		Total	529,902.140		(\$385,678.26)		\$0.00		\$80,933.02		\$2,528,982.79	\$2,224,317.55	\$2,143,000.00
31	Total Recovery from Correction Factor (CF)					(\$842,630.00)							
32	Total Amount Refunded through the Refund Factor (RF)						\$0.00						
33	Total Recovery from Performance Based Rate Recovery Factor (PBRRF)								\$204,215.63				
34	Total Recoveries from Expected Gas Cost (EGC) Factor										\$8,352,382.02		
35	Total Recoveries from Gas Cost Adjustment Factor (GCA)											\$5,613,967.65	
37													\$5,409,000.00
38	NOTE: The cycle billing is a result of customers being billed by the meter read date.												
39	The prior period adjustments (PPA's) consist of billing revisions/adjustments.												

Detail Sheet for Supply Volumes & Costs
 Traditional and Other Pipelines

Description	August, 2015		September, 2015		October, 2015	
	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						
13 Hedging Costs - All Zones						
14						
15 Total	1,539,367	\$4,236,182.44	1,784,562	\$4,442,509.48	1,794,095	\$4,324,627.86
16						
17						
18 Tennessee Gas Pipeline Area						
19 Chevron Natural Gas, Inc.						
20 Atmos Energy Marketing, LLC						
21 WESCO						
22 Prepaid						
23 Reservation						
24 Fuel Adjustment						
25						
26 Total	224,655	\$892,421.15	215,679	\$808,570.77	267,216	\$796,336.25
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	0	(\$13.10)	0	(\$7.49)	0	\$172.28
37						
38						
39 Midwestern Pipeline						
40 Atmos Energy Marketing, LLC						
41 Midwestern Gas Transmission						
42 Anadarko						
43 Prepaid						
44 Reservation						
45 Fuel Adjustment						
46						
47 Total	895	\$2,637.12	40	\$110.31	(170)	(\$423.31)
48						
49						
50 ANR Pipeline						
51 Atmos Energy Marketing, LLC						
52 LG&E Natural						
53 Anadarko						
54 Prepaid						
55 Reservation						
56 Fuel Adjustment						
57						
58 Total	0	(\$192.70)	0	(\$158.81)	0	(\$165.28)
59						
60						
61 All Zones						
62 Total	1,764,917	\$4,931,034.91	2,000,261	\$5,049,024.28	2,061,141	\$5,120,547.80
63						
64						
65						

**** Detail of Volumes and Prices Has Been Filed Under Petition for Confidentiality ****

Atmos Energy Corporation
Net Uncollectible Gas Cost
Twelve Months Ended November, 2015

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-14	(\$47,581.97)	(\$63,019.35)	(\$4,627.52)	(\$115,228.84)	\$21,272.01	\$21,505.29	\$26,309.96	\$26,309.96
2	Jan-15	(\$29,383.53)	(\$56,715.38)	(\$3,198.79)	(\$89,297.70)	\$19,696.25	\$19,007.44	\$9,687.28	\$35,997.24
3	Feb-15	(\$24,378.00)	(\$37,871.46)	(\$2,622.55)	(\$64,872.01)	\$27,155.16	\$25,010.05	(\$2,777.16)	\$33,220.08
4	Mar-15	(\$454,805.65)	(\$443,598.70)	(\$43,980.48)	(\$942,384.83)	\$16,625.90	\$15,359.83	\$438,179.75	\$471,399.83
5	Apr-15	(\$17,415.51)	(\$32,624.42)	(\$1,767.55)	(\$51,807.48)	\$10,776.09	\$10,653.78	\$6,639.42	\$478,039.25
6	May-15	(\$95,707.90)	(\$116,421.67)	(\$10,754.59)	(\$222,884.16)	\$9,601.25	\$9,840.42	\$86,106.65	\$564,145.90
7	Jun-15	(\$57,730.47)	(\$57,589.58)	(\$5,711.27)	(\$121,031.32)	\$9,035.07	\$9,222.12	\$48,695.40	\$612,841.30
8	Jul-15	(\$118,189.92)	(\$119,154.83)	(\$8,423.51)	(\$245,768.26)	\$8,590.85	\$12,618.17	\$109,599.07	\$722,440.37
9	Aug-15	(\$214,745.05)	(\$139,755.61)	(\$15,675.92)	(\$370,176.58)	\$7,927.57	\$12,554.72	\$206,817.48	\$929,257.85
10	Sep-15	(\$241,818.08)	(\$153,161.89)	(\$18,158.66)	(\$413,138.63)	\$12,166.38	\$14,055.66	\$229,651.70	\$1,158,909.55
11	Oct-15	(\$279,499.14)	(\$209,311.20)	(\$21,896.82)	(\$510,707.16)	\$54,009.38	\$33,820.42	\$225,489.76	\$1,384,399.31
12	Nov-15	(\$62,361.70)	(\$83,149.77)	(\$6,765.82)	(\$152,277.29)	\$65,471.18	\$48,008.47	(\$3,109.48)	\$1,381,289.83

Line No.	Amounts Reported:	AMOUNT
1	Tennessee Gas Pipeline Rate Case Refund, Docket No. RP11-1566	\$ -
2		
3	Carryover from Case No. 2015-00000	0.00
4	Less: amount related to specific end users	0.00
5	Amount to flow-through	\$ -
6		
7	Average of the 3-Month Commercial Paper Rates for the immediately preceding 12-month period less 1/2 of 1% to cover the costs of refunding.	0.00%

	(1) Demand	(2) Commodity	(3) Total
Allocation			
Balance to be Refunded	\$0	\$ -	\$0
	0	0	0
Total (w/o interest)	0	0	0
Interest (Line 14 x Line 5)	0	0	0
Total	\$0	\$0	\$0

Refund Calculation		
Demand Allocator - All		
(See Exh. B, p. 8, line 12)	0.1673	
Demand Allocator - Firm		
(1 - Demand Allocator - All)	0.8327	
Firm Volumes (normalized)		
(See Exh. B, p. 6, col. 3, line 28)	17,175,982	
All Volumes (excluding Transportation)		
(See Exh. B, p. 6, col. 2, line 28)	18,265,729	
Demand Factor - All	\$0	\$0.0000 / MCF
Demand Factor - Firm	\$0	\$0.0000 / MCF
Commodity Factor	\$0	\$ - / MCF
Total Demand Firm Factor		\$0.0000 / MCF
(Col. 2, lines 29 - 30)		
Total Demand Interruptible Factor		\$0.0000 / MCF
(Col. 2, line 29)		
Total Firm Sales Factor		\$ - / MCF
(Col. 2, line 31 + col. 1, line 33)		

Atmos Energy Corporation
Performance Based Rate Recovery Factor
2016-00000
(PBRRF)

Exhibit E

Line No.	Amounts Reported:	AMOUNT
1	Company Share of 11/14-10/15 PBR Activity	\$ 2,870,080.42
2	Carry-over Amount in Case No. 2011-00520	(\$695,131.92)
3		-
4	Total	<u>\$ 2,174,948.50</u>
5		
6		
7	Total	\$ 2,174,948.50
8	Less: Amount related to specific end users	0.00
9	Amount to flow-through	<u><u>\$ 2,174,948.50</u></u>
10		
11		
12		
13	<u>Allocation</u>	<u>Total</u>
14		
15	Company share of PBR activity	\$ 2,174,948.50
16		
17	<u>PBR Calculation</u>	
18		
19	Demand Allocator - All	
20	(See Exh. B, p. 6, line 10)	0.1673
21	Demand Allocator - Firm	
22	(1 - Demand Allocator - All)	0.8327
23	Firm Volumes (normalized)	
24	(See Exh. B, p. 6, col. (a), line 19)	17,175,982
25	All Volumes (excluding Transportation)	
26	(See Exh. B, p. 6, col. (b), line 28)	18,265,729
27		
28		
29	Total Sales Factor (Line 15 / Line 26)	\$ 0.1191 / MCF
30		
31	Total Interruptible Sales Factor (Line 29)	\$ 0.1191 / MCF

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

EXHIBIT E
Worksheet 1

Company Share of 11/13-10/14 PBR Activity
Carry-over Amount in Case No. 2013-00484

2,666,021.47
382,557.62

Balance Filed in Case No.

3,048,579.09

Line No.	Month (a)	Sales (b)	PBRRE (c)	PBR Recoveries (d)	PBR Recovery Adjustments (e)	Total PBR Recoveries (d) + (e) = (f)	Balance Prior (g) - (f) = (g)
1							
2	Balance Forward (from above)						\$ 3,048,579.09
3	Feb-14	4,197,758	\$0.1936	\$812,685.95	\$2,766.42	815,452.37	2,233,126.72
4	Mar-14	2,968,648	0.1936	574,730.25	\$1,422.38	576,152.63	1,656,974.09
5	Apr-14	1,649,904	0.1936	319,421.41	(\$513.91)	318,907.50	1,338,066.59
6	May-14	723,294	0.1936	140,029.72	(\$276.19)	139,753.53	1,198,313.06
7	Jun-14	357,382	0.1936	69,189.16	\$1,502.73	70,691.89	1,127,621.17
8	Jul-14	463,345	0.1936	89,703.59	(\$1,837.03)	87,866.56	1,039,754.61
9	Aug-14	378,904	0.1936	73,355.81	(\$221.45)	73,134.36	966,620.25
10	Sep-14	429,637	0.1936	83,177.72	(\$367.88)	82,809.84	883,810.41
11	Oct-14	781,762	0.1936	151,349.12	(\$39,176.47)	112,172.65	771,637.76
12	Nov-14	1,396,009	0.1936	270,267.34	\$3,960.31	274,227.65	497,410.11
13	Dec-14	2,585,488	0.1936	500,550.48	\$3,756.88	504,307.36	(6,897.25)
14	Jan-15	3,523,315	0.1936	682,113.78	\$6,120.89	688,234.67	(695,131.92)
15							
16	Total	19,455,446		\$3,766,574.33	(\$22,863.32)	\$3,743,711.01	(\$695,131.92)