



December 30, 2016

Ms. Talina Mathews, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

Re: Case No. 2016-00000

Dear Ms. Mathews:

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 black ink that reads "Stellie S. Jackson".

Stellie S. Jackson
Rate Administration Analyst

Enclosures

RECEIVED

JAN 3 2017

PUBLIC SERVICE
COMMISSION

**COMMONWEALTH OF KENTUCKY
BEFORE THE
KENTUCKY PUBLIC SERVICE COMMISSION**

In the Matter of:

GAS COST ADJUSTMENT)	CASE NO.
FILING OF)	2016-00000
ATMOS ENERGY CORPORATION)	

**PETITION FOR CONFIDENTIALITY OF INFORMATION
BEING FILED WITH THE KENTUCKY PUBLIC SERVICE COMMISSION**

Atmos Energy Corporation ("Atmos") respectfully petitions the Kentucky Public Service Commission ("Commission") pursuant to 807 KAR 5:001 Section 13 for confidential treatment of the information which is described below and which is attached hereto. In support of this Petition, Atmos states as follows:

1. Atmos is filing its Gas Cost Adjustment ("GCA") for the quarterly period commencing on February 1, 2017 through April 30, 2017. This GCA filing contains a change to Atmos' Correction Factor (CF) as well as information pertaining to Atmos' projected gas prices. The following two attachments contain information which requires confidential treatment.

- a. The attached Exhibit D, Page 5 of 6 contains confidential information from which the actual price being paid by Atmos for natural gas to its supplier can be determined.
- b. The attached Weighted Average Cost of Gas ("WACOG") schedule in support of Exhibit C, Page 2 of 2 contains confidential information pertaining to prices projected to be paid by Atmos for purchase contracts.

2. Information of the type described above has previously been filed by Atmos with the Commission under petitions for confidentiality. The Commission has consistently granted confidential protection to that type of information in each of the prior GCA filings since KPSC Case No. 1999-070.

3. All of the information sought to be protected herein as confidential, if publicly disclosed, would have serious adverse consequences to Atmos and its customers. Public disclosure of this information would impose an unfair commercial disadvantage on Atmos. Atmos has successfully negotiated an extremely advantageous gas supply contract that is very beneficial to Atmos and its ratepayers. Detailed information concerning that contract, including commodity costs, demand and transportation charges, reservations fees, etc. on specifically identified pipelines, if made available to Atmos' competitors, (including specifically non-regulated gas marketers), would clearly put Atmos to an unfair commercial disadvantage. Those competitors for gas supply would be able to gain information that is otherwise confidential about Atmos' gas purchases and transportation costs and strategies. The Commission has accordingly granted confidential protection to such information.

4. Likewise, the information contained in the WACOG schedule in support of Exhibit C, Page 2 of 2, also constitutes sensitive, proprietary information which if publicly disclosed would put Atmos to an unfair commercial disadvantage in future negotiations.

5. Atmos would not, as a matter of company policy, disclose any of the information for which confidential protection is sought herein to any person or entity, except as required by law or pursuant to a court order or subpoena. Atmos' internal practices and policies are directed towards non-disclosure of the attached information. In fact, the information contained in the attached report is not disclosed to any personnel of Atmos except those who need to know in

order to discharge their responsibility. Atmos has never disclosed such information publicly. This information is not customarily disclosed to the public and is generally recognized as confidential and proprietary in the industry.

6. There is no significant interest in public disclosure of the attached information. Any public interest in favor of disclosure of the information is out weighed by the competitive interest in keeping the information confidential.

7. The attached information is also entitled to confidential treatment because it constitutes a trade secret under the two prong test of KRS 265.880: (a) the economic value of the information as derived by not being readily ascertainable by other persons who might obtain economic value by its disclosure; and, (b) the information is the subject of efforts that are reasonable under the circumstances to maintain its secrecy. The economic value of the information is derived by Atmos maintaining the confidentiality of the information since competitors and entities with whom Atmos transacts business could obtain economic value by its disclosure.

8. The attached information is, for the reasons set forth above, entitled to confidential protection under KRS 61.878.

9. The attached information should be treated as confidential for an indefinite period because its competitively sensitive nature will last for an indefinite period.

WHEREFORE, Atmos petitions the Commission to treat as confidential all of the material and information which is included in the attached one volume marked "Confidential".

Respectfully submitted this 30th day of December, 2016.



Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301
randy@whplawfirm.com

John N. Hughes
124 W. Todd Street
Frankfort, Kentucky 40601
JNHUGHES@FEWPB.NET

Attorneys for Atmos Energy Corporation

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JAN 3 2017

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, 2017 – April 30, 2017

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

December 30, 2016

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

Liza Philip
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 Fourteenth Revised Sheet No. 4, Fourteenth Revised Sheet No. 5, and Fourteenth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective February 1, 2017.

The Gas Cost Adjustment (GCA) for firm sales service is \$4.3842 per Mcf and \$3.1685 per Mcf for interruptible sales service. The supporting calculations for the Fourteenth 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. 2016-00352, 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, 2017 through April 30, 2017, as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$4.3087 per Mcf for the quarter of February 1, 2017 through April 30, 2017, as compared to \$4.2751 per Mcf used for

the period of November 1, 2016 through January 31, 2017. The G-2 Expected Commodity Gas Cost will be approximately \$3.0930 for the quarter of February 1, 2017 through April 30, 2017 as compared to \$3.0533 for the period of November 1, 2016 through January 31, 2017.

3. The Company's notice sets out a new Correction Factor of \$(0.0964) per Mcf which will remain in effect until at least April 30, 2017. The new Correction factor includes the balance from Pipeline Refunds of \$8,044.35. This is remaining refund balance due to customers as November 30, 2016.
4. The Refund Factor of (\$0.0000) 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.

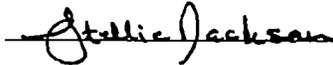
The Company is filing its updated Correction Factor that is based upon the balance in the Company's 1910 Account as of October 31, 2016 (November, 2016 general ledger). The calculation for the Correction Factor is shown on Exhibit D, Page 1 of 6. Also beginning

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 Fourteenth Revised Sheet No. 5; and Fourteenth 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, 2017.

DATED at Dallas, Texas this 30th Day of December, 2016.

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)	-	\$17.50	per meter per month
Non-Residential (G-1)	-	44.50	per meter per month
Transportation (T-4)	-	375.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf ²

Sales (G-1)

Transportation (T-4)

First	300	¹ Mcf	@	5.9182	per Mcf	@	1.5340	per Mcf	(l. -)
Next	14,700	¹ Mcf	@	5.3342	per Mcf	@	0.9500	per Mcf	(l. -)
Over	15,000	Mcf	@	5.1242	per Mcf	@	0.7400	per Mcf	(l. -)

Interruptible Service

Base Charge	-	\$375.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf ²

Sales (G-2)

Transportation (T-3)

First	15,000	¹ Mcf	@	4.0185	per Mcf	@	0.8500	per Mcf	(l. -)
Over	15,000	Mcf	@	3.8090	per Mcf	@	0.6405	per Mcf	(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.

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

DATE OF ISSUE December 30, 2016
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2017
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

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FOURTEENTH REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTEENTH REVISED SHEET NO. 5

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)	4.3087	3.0930	(l, l)
CF (Correction Factor)	(0.0964)	(0.0964)	(l, l)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1719</u>	<u>0.1719</u>	(l, l),
GCA (Gas Cost Adjustment)	<u><u>\$4.3842</u></u>	<u><u>\$3.1685</u></u>	(l, l)

DATE OF ISSUE December 30, 2016
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2017
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

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FOURTEENTH REVISED SHEET NO. 6

CANCELLING

THIRTEENTH REVISED SHEET NO. 6

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: 1.28%

				<u>Simple</u> <u>Margin</u>		<u>Non-</u> <u>Commodity</u>		<u>Gross</u> <u>Margin</u>		
Transportation Service ¹										
Firm Service (T-4)										
First	300	Mcf	@	\$1.5340	+	\$0.0000	=	\$1.5340	per Mcf	(-)
Next	14,700	Mcf	@	0.9500	+	0.0000	=	0.9500	per Mcf	(-)
All over	15,000	Mcf	@	0.7400	+	0.0000	=	0.7400	per Mcf	(-)
Interruptible Service (T-3)										
First	15,000	Mcf	@	\$0.8500	+	\$0.0000	=	\$0.8500	per Mcf	(-)
All over	15,000	Mcf	@	0.6405	+	0.0000	=	0.6405	per Mcf	(-)

¹ Excludes standby sales service.

DATE OF ISSUE December 30, 2016
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2017
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) 2016-00352 \$/Mcf	(b) 2016-00000 \$/Mcf	
1	G - 1			
2				
3	<u>Distribution Charge (per Case No. 2015-00343)</u>			
4	First 300 Mcf	1.5340	1.5340	0.0000
5	Next 14,700 Mcf	0.9500	0.9500	0.0000
6	Over 15,000 Mcf	0.7400	0.7400	0.0000
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	2.8346	2.8768	0.0422
11	Demand	1.4405	1.4319	(0.0086)
12	Total EGC	4.2751	4.3087	0.0336
13	CF (Correction Factor)	(0.2565)	(0.0964)	0.1601
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1191	0.1719	0.0528
16	GCA (Gas Cost Adjustment)	4.1377	4.3842	0.2465
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	5.6717	5.9182	0.2465
20	Next 14,700 Mcf	5.0877	5.3342	0.2465
21	Over 15,000 Mcf	4.8777	5.1242	0.2465
22				
23				
24	G - 2			
25				
26	<u>Distribution Charge (per Case No. 2015-00343)</u>			
27	First 15,000 Mcf	0.8500	0.8500	0.0000
28	Over 15,000 Mcf	0.6405	0.6405	0.0000
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	2.8346	2.8768	0.0422
33	Demand	0.2187	0.2162	(0.0025)
34	Total EGC	3.0533	3.0930	0.0397
35	CF (Correction Factor)	(0.2565)	(0.0964)	0.1601
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1191	0.1719	0.0528
38	GCA (Gas Cost Adjustment)	2.9159	3.1685	0.2526
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	3.7659	4.0185	0.2526
42	Over 14,700 Mcf	3.5564	3.8090	0.2526
43				
44				
45	Refund Factor (RF)			
47		Effective		
48		Date	RF	
49				
50	1 - 2016-00224	8/1/2016	0.0000	
51	2 - 2015-00343	8/15/2016	0.0000	
52	3 - 2016-00352	11/1/2016	0.0000	
53	4 - 2016-00000	2/1/2017	0.0000	
54				
55	Total Refund Factor (RF)		\$0.0000	

Atmos Energy Corporation
 Comparison of Current and Previous Cases
 Transportation Service

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2016-00352	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. 2015-00343)</u>			
4	First 300 Mcf	1.5340	1.5340	0.0000
5	Next 14,700 Mcf	0.9500	0.9500	0.0000
6	Over 15,000 Mcf	0.7400	0.7400	0.0000
7				
8				
9	<u>T - 3 / Interruptible Service (Low Priority)</u>			
10				
11	<u>Simple Margin / Distribution Charge (per Case No. 2015-00343)</u>			
12	First 15,000 Mcf	0.8500	0.8500	0.0000
13	Over 15,000 Mcf	0.6405	0.6405	0.0000
14				

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

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units MMbtu	(c) Rate \$/MMbtu	(d) (e) Non-Commodity	
					Total \$	Demand \$
1	<u>SL to Zone 2</u>					
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	<u>SL to Zone 3</u>					
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	<u>SL to Zone 4</u>					
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	<u>Zone 2 to Zone 4</u>					
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>

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

Line No.	Description	(a)	(b)	(c)	(d) (e) Non-Commodity	
		Tariff Sheet No.	Annual Units MMbtu	Rate \$/MMbtu	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	Total Zone 0 to 2		<u>289,000</u>		<u>4,501,436</u>	<u>4,501,436</u>
9						
10	1 to Zone 2					
11	FT-A Contract # 300264		7,500			
12	Base Rate	14		10.5774	79,331	79,331
13						
14	Total Zone 1 to 2		<u>7,500</u>		<u>79,331</u>	<u>79,331</u>
15						
16	Gas Storage					
17	Production Area:					
18	Demand	61	34,968	2.0344	71,139	71,139
19	Space Charge	61	4,916,148	0.0207	101,764	101,764
20	Market Area:					
21	Demand	61	237,408	1.4938	354,640	354,640
22	Space Charge	61	10,846,308	0.0205	222,349	222,349
23	Total Storage		<u>16,034,832</u>		<u>749,892</u>	<u>749,892</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity				<u>5,330,659</u>	<u>5,330,659</u>

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

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)	(d)		(e)	(f)
					Mcf	MMbtu	Rate \$/MMbtu	Total \$
1	<u>No Notice Service</u>				1,353,395			
2	Indexed Gas Cost					3.4560	4,677,333	
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	66,316	
4	Fuel and Loss Retention @	Section 4.18.1	0.39%			0.0135	18,271	
5						3.5185	4,761,920	
6								
7	<u>Firm Transportation</u>				1,107,323			
8	Indexed Gas Cost					3.4560	3,826,908	
9	Base (Weighted on MDQs)					0.0442	48,944	
10	ACA	Section 4.1 - FT				0.0013	1,440	
11	Fuel and Loss Retention @	Section 4.18.1	0.39%			0.0135	14,949	
12						3.5150	3,892,241	
13	<u>No Notice Storage</u>							
14	Net (Injections)/Withdrawals							
15	Withdrawals				2,292,720	2.3480	5,383,307	
16	Injections				0	3.4560	0	
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	112,343	
18	Fuel and Loss Retention @	Section 4.18.1	0.39%			0.0135	30,952	
19					2,292,720	2.4105	5,526,602	
20								
21								
22	Total Purchases in Texas Area				4,753,438	2.9833	14,180,763	
23								
24								
25	Used to allocate transportation non-commodity							
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			289,000	97.47%	\$0.0167	\$ 0.0163
39	1 to Zone 2	24			7,500	2.53%	0.0087	0.0002
40	Total				296,500	100.00%		\$ 0.0165

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

	(a)	(b)	(c)	(d)	(e)	(f)	
Line No.	Description	Tariff Sheet No.		Purchases	Rate	Total	
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>				307,870		
2	Indexed Gas Cost					3.4560	1,063,999
3	Base Commodity (Weighted on MDQs)					0.0165	5,079
4	ACA	24				0.0013	400
5	Fuel and Loss Retention	32	1.32%			0.0462	14,224
6						3.5200	1,083,702
7							
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					3.4560	0
10	Base Rate	26				0.8697	0
11	ACA	24				0.0013	0
12	Fuel and Loss Retention	32	1.32%			0.0462	0
13						4.3732	0
14							
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				776,957	2.3480	1,824,295
17	FT-A & FT-G Market Area Injections				0	3.4560	0
18	Withdrawal Rate	61				0.0087	6,760
19	Injection Rate	61				0.0087	0
20	Fuel and Loss Retention	61	1.37%			0.0001	78
21	Total				776,957	2.3568	1,831,133
22							
23							
24							
25	Total Tennessee Gas Zones				1,084,827	2.6869	2,914,835

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				3.4560	777,600
4	Base Commodity	13			0.0051	1,148
5	ACA	13			0.0013	293
6	Fuel and Loss Retention	13	1.13%		0.0360	8,100
7					3.4984	787,141
8						
9						

Non-Commodity

Line No.	Description	Tariff Sheet No.	Annual Units	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				181,494	181,494

Atmos Energy Corporation
 Expected Gas Cost (EGC) Calculation
 Demand Charge Calculation

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	5,330,659			
5	Trunkline Gas Company	181,494			
6	Total	<u>\$24,703,432</u>			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1531	\$3,782,095	17,494,254	0.2162 0.2162
11	Firm	0.8469	20,921,337	17,208,968	1.2157
12	Total	<u>1.0000</u>	<u>\$24,703,432</u>		<u>1.4319 0.2162</u>
13					
14			Volumetric Basis for		
15		Annualized	Monthly Demand Charge		
16		Mcf @14.65	All	Firm	
17	<u>Firm Service</u>				
18	Sales:				
19	G-1	17,208,968	17,208,968	17,208,968	1.4319
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	285,286	285,286		1.4319 0.2162
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	29,492,463			
27					
28		<u>46,986,717</u>	<u>17,494,254</u>	<u>17,208,968</u>	
29					
30					

Atmos Energy Corporation
 Expected Gas Cost (EGC) Calculation
 Commodity - Total System

	(a)	(b)	(c)	(d)
Line				
No. Description	Purchases		Rate	Total
	Mcf	MMbtu	\$/Mcf	\$
1 Texas Gas Area				
2 No Notice Service	1,339,465	1,353,395	3.5551	4,761,920
3 Firm Transportation	1,095,925	1,107,323	3.5516	3,892,241
4 No Notice Storage	2,269,121	2,292,720	2.4356	5,526,602
5 Total Texas Gas Area	4,704,511	4,753,438	3.0143	14,180,763
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	288,917	307,870	3.7509	1,083,702
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	729,126	776,957	2.5114	1,831,133
13	1,018,043	1,084,827	2.8632	2,914,835
14 Trunkline Gas Area				
15 Firm Transportation	222,113	225,000	3.5439	787,141
16				
17 Company Owned Storage				
18 Withdrawals	2,336,005	2,360,299	2.4105	5,630,941
19 Injections	0	0		0
20 Net WKG Storage	2,336,005	2,360,299	2.4105	5,630,941
21				
22				
23 Local Production	5,755	5,815	3.4560	19,889
24				
25				
26				
27 Total Commodity Purchases	8,286,427	8,429,379	2.8400	23,533,569
28				
29 Lost & Unaccounted for @	106,066	107,896		
30				
31 Total Deliveries	8,180,361	8,321,483	2.8768	23,533,569
32				
33				
34				
35 Total Expected Commodity Cost	8,180,361	8,321,483	2.8768	23,533,569
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	17,494,254
2	Transportation	0
3	Total Mcf Billed Demand Charges	<u>17,494,254</u>
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>47,929</u></u>
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	<u><u>313,060</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1531
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending April 30, 2017

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 2017 through April 2017 during the period December 12 through December 23, 2016.

		Feb-17 (\$/MMBTU)	Mar-17 (\$/MMBTU)	Apr-17 (\$/MMBTU)
Monday	12/12/16	3.510	3.486	3.359
Tuesday	12/13/16	3.475	3.456	3.351
Wednesday	12/14/16	3.558	3.536	3.417
Thursday	12/15/16	3.470	3.457	3.368
Friday	12/16/16	3.449	3.436	3.355
Monday	12/19/16	3.431	3.423	3.361
Tuesday	12/20/16	3.297	3.284	3.216
Wednesday	12/21/16	3.567	3.527	3.407
Thursday	12/22/16	3.563	3.533	3.422
Friday	12/23/16	3.678	3.632	3.497
Average		<u>\$3.500</u>	<u>\$3.477</u>	<u>\$3.375</u>

- B. The Company believes prices are decreasing and prices for the quarter ending April 30, 2017 will settle at \$3.456 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, 2017

	February-17			March-17			April-17			Total		
	Volumes	Rate	Value	Volumes	Rate	Value	Volumes	Rate	Value	Volumes	Rate	Value
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-16	383,715	\$2,637,976.99	\$1,518,301.39	\$1,119,675.60	\$0.00	\$1,119,675.60
2							
3	September-16	442,411	\$2,881,682.88	\$1,869,243.22	\$1,012,439.66	\$0.00	\$1,012,439.66
4							
5	October-16	1,058,458	\$3,748,346.80	\$2,080,630.36	\$1,667,716.44	\$0.00	\$1,667,716.44
6							
7	Total Gas Cost						
8	Under/(Over) Recovery		<u>\$9,268,006.67</u>	<u>\$5,468,174.97</u>	<u>\$3,799,831.70</u>	<u>\$0.00</u>	<u>\$3,799,831.70</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$982,508.79</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through July 2016 (August 2016 GL)					(6,066,432.33)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended October 2016					3,799,831.70	
15	Recovery from outstanding Correction Factor (CF)					532,041.57	
16	Over-Refunded Amount of Pipeline Refunds					(8,044.35)	
17	(Over)/Under Recovered Gas Cost through October 2016 (November 2016 GL) (a)					<u>(\$1,742,603.41)</u>	
18	Divided By: Total Expected Customer Sales (b)					17,494,254	Mcf
19							
20	Correction Factor - Part 1					<u>(\$0.0896)</u>	/ Mcf
21							
22	<u>Correction Factor - Part 2</u>						
23	Net Uncollectible Gas Cost through November 2015 (c)					<u>56,405.83</u>	
24	Divided By: Total Expected Customer Sales (b)					17,494,254	
25							
26	Correction Factor - Part 2					<u>\$0.0032</u>	/ Mcf
27							
28	<u>Correction Factor - Total (CF)</u>						
29	Total Deferred Balance through October 2016 (November 2016 GL) Incl. Net Uncol Gas Cost					<u>(\$1,888,197.58)</u>	
30	Divided By: Total Expected Customer Sales (b)					17,494,254	
31							
32	<u>Correction Factor - Total (CF)</u>					<u>(\$0.0864)</u>	/ Mcf
33							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended October 2016
2016-00000

Line No.	Description	GL Unit	September-16	October-16	November-16
			(a)	(b)	(c)
			Month		
			August-16	September-16	October-16
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	1,733,054	1,754,887	1,877,067
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	(776,240)	(760,971)	(369,768)
15	Producers	Mcf	2,664	1,698	1,678
16	Third Party Reimbursements	Mcf	(59)	(101)	(18)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(575,704)	(553,102)	(450,503)
19	Total Supply	Mcf	383,715	442,411	1,058,456
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	383,715	442,411	1,058,456

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.

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended October 2016
2016-00000

Line No.	Description	GL Unit	September-16	October-16	November-16
			(a)	(b)	(c)
			Month		
			August-16	September-16	October-16
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,273,609	1,238,580	1,672,373
4	Tennessee Gas Pipeline ¹	\$	183,044	183,030	204,363
5	Trunkline Gas Company ¹	\$	6,876	6,651	6,876
6	Twin Eagle Resource Management	\$	16,817	16,852	18,316
7	Midwestern Pipeline ¹	\$	0	0	0
8	Total Pipeline Supply	\$	1,480,347	1,445,113	1,901,929
9	Total Other Suppliers	\$	4,404,884	4,790,131	5,272,051
10	Hedging Settlements	\$	0	0	0
11	Off System Storage				
12	Texas Gas Transmission	\$			
13	Tennessee Gas Pipeline	\$			
14	WKG Storage	\$	122,500	161,659	161,659
15	System Storage				
16	Withdrawals	\$	0	0	0
17	Injections	\$	(1,899,938)	(2,055,783)	(2,446,215)
18	Producers	\$	7,198	4,907	4,698
19	Third Party Reimbursements	\$	(689)	(3,345)	(439)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances ²	\$	(1,476,324)	(1,461,000)	(1,145,336)
22	Sub-Total	\$	2,637,977	2,881,683	3,748,347
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$	0		
26	Recovered thru Transportation	\$	0		
27	Total Recoverable Gas Cost	\$	<u>2,637,976.99</u>	<u>2,881,682.88</u>	<u>3,748,346.80</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.

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-16	G-1 Sales	318,251.404	(\$0.4361)	(\$138,788.44)	(\$0.0035)	(\$1,113.88)	\$0.1191	\$37,903.74	\$4.4139	\$1,404,729.87	\$1,302,730.28	
2		G-2 Sales	<u>18,480.346</u>	(\$0.4361)	<u>(7,187.08)</u>	(\$0.0035)	<u>(57.68)</u>	\$0.1191	<u>1,982.81</u>	\$3.2028	<u>52,783.25</u>	<u>\$47,501.30</u>	
6		Sub Total	334,731.750		(\$145,978.52)		(\$1,171.56)		\$39,886.55		\$1,457,513.12	\$1,350,231.58	
7		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>(3,819.98)</u>		<u>128.58</u>		<u>2,696.18</u>		<u>60,788.27</u>	<u>\$58,793.05</u>	
8		Total	334,731.750		(\$149,798.50)		(\$1,042.98)		\$42,582.73		\$1,518,301.39	\$1,410,024.64	\$1,388,504.89
11	September-16	G-1 Sales	392,720.321	(\$0.4361)	(\$171,265.33)	(\$0.0035)	(\$1,374.52)	\$0.1191	\$48,772.99	\$4.4139	\$1,733,428.22	\$1,607,581.38	
12		G-2 Sales	<u>22,657.674</u>	(\$0.4361)	<u>(9,881.01)</u>	(\$0.0035)	<u>(79.30)</u>	\$0.1191	<u>2,698.53</u>	\$3.2028	<u>72,568.00</u>	<u>\$65,306.22</u>	
16		Sub Total	415,377.995		(\$181,146.34)		(\$1,453.82)		\$49,471.52		\$1,805,996.22	\$1,672,887.58	
17		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>(109.77)</u>		<u>59.68</u>		<u>2,282.64</u>		<u>63,247.00</u>	<u>\$65,479.55</u>	
18		Total	415,377.995		(\$181,256.11)		(\$1,394.14)		\$51,754.16		\$1,889,243.22	\$1,738,347.13	\$1,887,987.11
21	October-16	G-1 Sales	454,485.979	(\$0.4361)	(\$198,201.34)	(\$0.0035)	(\$1,590.70)	\$0.1191	\$54,129.28	\$4.4139	\$2,006,055.66	\$1,860,392.90	
22		G-2 Sales	<u>5,313.336</u>	(\$0.4361)	<u>(2,317.15)</u>	(\$0.0035)	<u>(18.60)</u>	\$0.1191	<u>632.82</u>	\$3.2028	<u>17,017.55</u>	<u>\$15,314.62</u>	
26		Sub Total	459,799.315		(\$200,518.49)		(\$1,609.30)		\$54,762.10		\$2,023,073.21	\$1,875,707.52	
27		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>(470.47)</u>		<u>65.61</u>		<u>2,211.38</u>		<u>57,557.15</u>	<u>\$59,363.67</u>	
28		Total	459,799.315		(\$200,988.96)		(\$1,543.69)		\$56,973.48		\$2,080,630.38	\$1,935,071.19	\$1,879,641.40
31	Total Recovery from Correction Factor (CF)				<u>(\$532,041.57)</u>								
32	Total Amount Refunded through the Refund Factor (RF)						<u>(\$3,980.81)</u>						
33	Total Recovery from Performance Based Rate Recovery Factor (PBRRF)								<u>\$151,280.37</u>				
34	Total Recoveries from Expected Gas Cost (EGC) Factor										<u>\$5,468,174.97</u>		
35	Total Recoveries from Gas Cost Adjustment Factor (GCA)											<u>\$5,083,442.98</u>	
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.												
													<u>\$4,936,133.40</u>

Description	August, 2016		September, 2016		October, 2016	
	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	1,702,952	\$4,328,775.91	1,724,086	\$4,711,349.12	1,846,059	\$5,187,090.86
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	30,261	\$76,785.33	31,169	\$60,143.40	31,169	\$85,647.61
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	32	\$88.75	14	\$42.08	23	\$70.75
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	(191)	(\$550.50)	(392)	(\$1,202.77)	(184)	(\$567.56)
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	(\$215.84)	0	(\$200.34)	0	(\$190.58)
59						
60						
61 All Zones						
62 Total	1,733,054	\$4,404,883.55	1,754,887	\$4,790,131.49	1,877,067	\$5,272,051.08
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

Exhibit D
Page 6 of 6

Line No.	Month	Gas Cost Written Off	Margin Written Off	Taxes & Other Written Off	Total Written Off	Gas Cost Collected	Margin Collected	Net Uncollectible Gas Cost	Cumulative Net Uncollectible Gas Cost
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	Dec-15	(\$20,889.60)	(\$53,343.84)	(\$3,101.65)	(\$77,335.09)	\$30,790.23	\$27,528.82	(\$9,900.63)	(\$9,900.63)
2	Jan-16	(\$5,866.08)	(\$28,619.13)	(\$1,356.82)	(\$35,842.03)	\$27,831.20	\$21,317.49	(\$21,965.12)	(\$31,865.75)
3	Feb-16	(\$6,501.14)	(\$30,862.32)	(\$1,462.01)	(\$38,825.47)	\$24,791.47	\$20,570.56	(\$18,290.33)	(\$50,156.08)
4	Mar-16	(\$6,159.39)	(\$27,492.88)	(\$1,203.48)	(\$34,855.75)	\$14,605.13	\$13,908.62	(\$8,445.74)	(\$58,601.82)
5	Apr-16	(\$11,846.20)	(\$39,411.75)	(\$2,019.33)	(\$53,277.28)	\$6,945.88	\$7,616.25	\$4,900.32	(\$53,701.50)
6	May-16	(\$12,850.96)	(\$31,997.76)	(\$1,813.28)	(\$46,662.00)	\$5,432.58	\$7,152.97	\$7,418.38	(\$46,283.12)
7	Jun-16	(\$26,739.36)	(\$42,346.83)	(\$3,130.06)	(\$72,216.25)	\$5,026.16	\$6,060.71	\$21,713.20	(\$24,569.92)
8	Jul-16	(\$33,970.25)	(\$49,648.67)	(\$4,036.02)	(\$87,654.94)	\$10,932.01	\$15,622.16	\$23,038.24	(\$1,531.68)
9	Aug-16	(\$50,143.35)	(\$74,465.96)	(\$5,422.05)	(\$130,031.36)	\$7,124.37	\$7,758.41	\$43,018.98	\$41,487.30
10	Sep-16	(\$28,720.95)	(\$48,854.43)	(\$3,517.32)	(\$81,092.70)	\$6,877.39	\$7,163.01	\$21,843.56	\$63,330.86
11	Oct-16	(\$18,774.25)	(\$42,651.65)	(\$2,572.41)	(\$63,998.31)	\$11,801.45	\$11,423.46	\$6,972.80	\$70,303.66
12	Nov-16	(\$6,682.85)	(\$34,046.70)	(\$1,703.62)	(\$42,433.17)	\$20,580.68	\$19,225.98	(\$13,897.83)	\$56,405.83

Atmos Energy Corporation
Refund Factor
Case No. 2016-00129
(RF)

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				<u>\$ -</u>
6					
7	Average of the 3-Month Commercial Paper Rates for the immediately				0.00%
8	preceding 12-month period less 1/2 of 1% to cover the costs of refunding.				
9					
10					
11	Allocation	(1)	(2)	(3)	
12		Demand	Commodity	Total	
13	Balance to be Refunded	\$0	\$ -	\$0	
14		0	0	0	
15					
16	Total (w/o interest)	0	0	0	
17	Interest (Line 14 x Line 5)	0	0	0	
18	Total	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	
19					
20	Refund Calculation				
21					
22	Demand Allocator - All				
23	(See Exh. B, p. 8, line 12)			0.1531	
24	Demand Allocator - Firm				
25	(1 - Demand Allocator - All)			0.8469	
26	Firm Volumes (normalized)				
27	(See Exh. B, p. 6, col. 3, line 28)			17,208,968	
28	All Volumes (excluding Transportation)				
29	(See Exh. B, p. 6, col. 2, line 28)			17,494,254	
30					
31	Demand Factor - All	\$0			\$0.0000 / MCF
32	Demand Factor - Firm	\$0			\$0.0000 / MCF
33	Commodity Factor	\$0	\$ -		/ MCF
34	Total Demand Firm Factor				
35	(Col. 2, lines 29 - 30)				\$0.0000 / MCF
36	Total Demand Interruptible Factor				
37	(Col. 2, line 29)				\$0.0000 / MCF
38	Total Firm Sales Factor				
39	(Col. 2, line 31 + col. 1, line 33)				\$ - / MCF

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

Exhibit E

Line No.	Amounts Reported:	AMOUNT
1	Company Share of 11/15-10/16 PBR Activity	\$ 2,727,732.37
2	Carry-over Amount in Case No. 2016-00XXX	\$279,828.77
3		-
4	Total	<u>\$ 3,007,561.14</u>
5		
6		
7	Total	\$ 3,007,561.14
8	Less: Amount related to specific end users	0.00
9	Amount to flow-through	<u>\$ 3,007,561.14</u>
10		
11		
12		
13	Allocation	Total
14		
15	Company share of PBR activity	\$ 3,007,561.14
16		
17	PBR Calculation	
18		
19	Demand Allocator - All	
20	(See Exh. B, p. 6, line 10)	0.1531
21	Demand Allocator - Firm	
22	(1 - Demand Allocator - All)	0.8469
23	Firm Volumes (normalized)	
24	(See Exh. B, p. 6, col. (a), line 19)	17,208,968
25	All Volumes (excluding Transportation)	
26	(See Exh. B, p. 6, col. (b), line 28)	17,494,254
27		
28		
29	Total Sales Factor (Line 15 / Line 26)	\$ 0.1719 / MCF
30		
31	Total Interruptible Sales Factor (Line 29)	\$ 0.1719 / MCF

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

EXHIBIT E
Workpaper 1

Company Share of 11/14-10/15 PBR Activity
Carry-over Amount in Case No. 2014-00478

2,870,080.42
(93,722.12)

Balance Filed in Case No.

2,776,358.30

Line No.	Month (a)	Sales (b)	PBRRF (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)						\$ 2,776,358.30
3	Feb-15	3,312,974	\$0.1527	\$505,891.15	\$7,727.27	513,618.42	2,262,739.88
4	Mar-15	3,442,457	0.1527	525,663.25	\$4,595.18	530,258.43	1,732,481.45
5	Apr-15	1,384,846	0.1527	211,466.05	\$4,264.87	215,730.92	1,516,750.53
6	May-15	618,657	0.1527	94,468.98	\$4,335.04	98,804.02	1,417,946.51
7	Jun-15	412,463	0.1527	62,983.09	\$4,986.33	67,969.42	1,349,977.09
8	Jul-15	340,133	0.1527	51,938.37	\$4,011.85	55,950.22	1,294,026.87
9	Aug-15	397,052	0.1527	60,629.77	\$3,559.90	64,189.67	1,229,837.20
10	Sep-15	378,476	0.1527	57,793.31	\$1,299.63	59,092.94	1,170,744.26
11	Oct-15	529,996	0.1527	80,930.39	\$2.63	80,933.02	1,089,811.24
12	Nov-15	852,324	0.1527	130,149.81	\$142.97	130,292.78	959,518.46
13	Dec-15	1,683,702	0.1527	257,101.31	\$2,096.66	259,197.97	700,320.49
14	Jan-16	2,733,212	0.1527	417,361.43	\$3,130.29	420,491.72	279,828.77
15							
16	Total	16,086,293		\$2,456,376.91	\$40,152.62	\$2,496,529.53	\$279,828.77