

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2023-00414

NOTICE

QUARTERLY FILING

For The Period

February 01, 2024 - April 30, 2024

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

December 28, 2023

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:

Brannon C. Taylor
Vice President of Rates & Regulatory Affairs
Kentucky/Mid-States Division
Atmos Energy Corporation
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Sr. Rate Administration Analyst
Atmos Energy Corporation
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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 Forty-Ninth Revised Sheet No. 4, Forty-Eighth Revised Sheet No. 5, and Forty-Ninth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective February 01, 2024.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.5292 per Mcf and \$2.402 per Mcf for interruptible sales service. The supporting calculations for the Forty-Eighth 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 – Performance Based Rate Recovery Factor (PBRRF) Calculation

Since the Company's last GCA filing, Case No. 2023-00307, 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 01, 2024 through April 30, 2024 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$4.2412 per Mcf for the quarter of February 01, 2024 through April 30, 2024 as compared to \$4.85 per Mcf used

for the period of November 01, 2023 through January 31, 2024. The G-2 Expected Commodity Gas Cost will be approximately \$3.114 for the quarter February 01, 2024 through April 30, 2024 as compared to \$3.752 for the period of November 01, 2023 through January 31, 2024.

3. The Company's notice sets out a new Correction Factor of (\$0.8800) per Mcf which will remain in effect until at least April 30, 2024.
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, 2023 (November 2023 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 Forty-Eighth Revised Sheet No. 5; and Forty-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 01, 2024.

DATED at Dallas, Texas this 28th day of December, 2023.

ATMOS ENERGY CORPORATION

By: /s/ Christina Vo

Christina Vo
Sr. Rate Admin Analyst
Atmos Energy Corporation

ATMOS ENERGY CORPORATION
NAME OF UTILITY

Current Rate Summary
Case No. 2023-00414

Firm Service

Base Charge:

Residential (G-1)	-	\$19.30	per meter per month		(-)
Non-Residential (G-1)	-	66.00	per meter per month		(-)
Transportation (T-4)	-	520.00	per delivery point per month		(-)
Transportation Administration Fee	-	50.00	per customer per meter		(-)

Rate per Mcf²

			<u>Sales (G-1)*</u>			<u>Transportation (T-4)</u>		
First	300	¹ Mcf	@ 5.0775	per Mcf	@	1.5483	per Mcf	(R, -)
Next	14,700	¹ Mcf	@ 4.6054	per Mcf	@	1.0762	per Mcf	(R, -)
Over	15,000	Mcf	@ 4.4180	per Mcf	@	0.8888	per Mcf	(R, -)

Interruptible Service

Base Charge

Sales (G-2)	*	520.00	per delivery point per month		(-)
Transportation (T-3)	-	520.00	per delivery point per month		(-)
Transportation Administration Fee	-	50.00	per customer per meter		(-)

Rate per Mcf²

			<u>Sales (G-2)*</u>			<u>Transportation (T-3)</u>		
First	15,000	¹ Mcf	@ 3.3577	per Mcf	@	0.9557	per Mcf	(R, -)
Over	15,000	Mcf	@ 3.1857	per Mcf	@	0.7837	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 28, 2023
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2024
MONTH / DATE / YEAR

ISSUED BY /s/ Brannon C. Taylor
SIGNATURE OF OFFICER

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2023-00414 DATED XXXX

****Sales(G-1 and G-2) rates per MCF in this tariff are subject to change and/or refund on issuance of the Commission's Final Order in Case No. 2022-00418***

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2023-00414

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

Gas Cost Adjustment Components

	<u>G - 1</u>	<u>G-2</u>	
EGC (Expected Gas Cost Component)	4.2412	3.1140	(R, R)
CF (Correction Factor)	(0.8800)	(0.8800)	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1680</u>	<u>0.1680</u>	(R, R)
GCA (Gas Cost Adjustment)	<u><u>\$3.5292</u></u>	<u><u>\$2.4020</u></u>	(R, R)

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TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2023-00414 DATED XXXX

All rates in this tariff are subject to change and/or refund on issuance of the Commission's Final Order in Case No. 2022-00418

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FORTY-NINTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

FORTY-EIGHTH REVISED SHEET NO. 6

Current Transportation

Case No. 2023-00414

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

System Lost and Unaccounted gas percentage:

2.14%

				<u>Simple Margin</u>		<u>Non-Commodity</u>		<u>Gross Margin</u>	
Transportation Service ¹									
<u>Firm Service (T-4)</u>									
First	300	Mcf	@	\$1.5483	+	<u>0</u>	=	\$1.5483	per Mcf (-)
Next	14,700	Mcf	@	1.0762	+	<u>0</u>	=	1.0762	per Mcf (-)
All over	15,000	Mcf	@	0.8888	+	<u>0</u>	=	0.8888	per Mcf (-)
<u>Interruptible Service (T-3)</u>									
First	15,000	Mcf	@	\$0.9557	+	\$0.0000	=	\$0.9557	per Mcf (-)
All over	15,000	Mcf	@	0.7837	+	0.0000	=	0.7837	per Mcf (-)

¹ Excludes standby sales service.

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ISSUED BY /s/ Brannon C. Taylor
SIGNATURE OF OFFICER

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2023-00414 DATED XXXX

Line No.	Description	Case No.		Difference
		(a) 2023-00307 \$/Mcf	(b) 2023-00414 \$/Mcf	
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2021-00214)</u>			
4	First 300 Mcf	1.5483	1.5483	0.0000
5	Next 14,700 Mcf	1.0762	1.0762	0.0000
6	Over 15,000 Mcf	0.8888	0.8888	0.0000
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	3.5640	2.9260	(0.6380)
11	Demand	1.2860	1.3152	0.0292
12	Total EGC	4.8500	4.2412	(0.6088)
13	CF (Correction Factor)	(1.2142)	(0.8800)	0.3342
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.2354	0.1680	(0.0674)
16	GCA (Gas Cost Adjustment)	3.8712	3.5292	(0.3420)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	5.4195	5.0775	(0.3420)
20	Next 14,700 Mcf	4.9474	4.6054	(0.3420)
21	Over 15,000 Mcf	4.7600	4.4180	(0.3420)
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2021-00214)</u>			
27	First 15,000 Mcf	0.9557	0.9557	0.0000
28	Over 15,000 Mcf	0.7837	0.7837	0.0000
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	3.5640	2.9260	(0.6380)
33	Demand	0.1880	0.1880	0.0000
34	Total EGC	3.7520	3.1140	(0.6380)
35	CF (Correction Factor)	(1.2142)	(0.8800)	0.3342
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.2354	0.1680	(0.0674)
38	GCA (Gas Cost Adjustment)	2.7732	2.4020	(0.3712)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	3.7289	3.3577	(0.3712)
42	Over 14,700 Mcf	3.5569	3.1857	(0.3712)

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2023-00307	2023-00414	
		\$/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	1.5483	1.5483	0.0000
5	Next 14,700 Mcf	1.0762	1.0762	0.0000
6	Over 15,000 Mcf	0.8888	0.8888	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	0.9557	0.9557	0.0000
13	Over 15,000 Mcf	0.7837	0.7837	0.0000
14				

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	12,175,247			
3	Base Rate	Section 4.4 - NNS		0.3088	3,759,716	3,759,716
4						
5	Total SL to Zone 2		<u>12,175,247</u>		<u>3,759,716</u>	<u>3,759,716</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		0.1894	1,140,662	1,140,662
13						
14	FT Contract #	34380	3,650,000			
15	Base Rate	Section 4.1 - FT		0.1894	691,310	691,310
16						
17	Total SL to Zone 3		<u>37,430,188</u>		<u>11,666,521</u>	<u>11,666,521</u>
18						
19	<u>Zone 1 to Zone 3</u>					
20	STF Contract #	35772	323,400			
21	Base Rate	Section 4.2 - STF		0.3282	106,140	106,140
22						
23						
24						
25						
26	Total Zone 1 to Zone 3		<u>323,400</u>		<u>106,140</u>	<u>106,140</u>
27						
28	<u>SL to Zone 4</u>					
29	NNS Contract #	29763	3,320,769			
30	Base Rate	Section 4.4 - NNS		0.4190	1,391,402	1,391,402
31						
32	FT Contract #	31097	1,825,000			
33	Base Rate	Section 4.1 - FT		0.2742	500,415	500,415
34						
38	Total SL to Zone 4		<u>5,145,769</u>		<u>1,891,817</u>	<u>1,891,817</u>
39						
40	<u>Zone 2 to Zone 4</u>					
41	FT Contract #	54299	2,555,000			
42	Base Rate	Section 4.1 - FT		0.1050	268,275	268,275
43						
44	Total Zone 2 to Zone 4		<u>2,555,000</u>		<u>268,275</u>	<u>268,275</u>
45						
46	<u>Zone 3 to Zone 3</u>					
47	FT Contract #	36773	1,825,000			
48	Base Rate	Section 4.1 - FT		0.1181	215,533	215,533
49						
50	Total Zone 3 to Zone 3		<u>1,825,000</u>		<u>215,533</u>	<u>215,533</u>
51						
52	Total SL to Zone 2		12,175,247		3,759,716	3,759,716
53	Total SL to Zone 3		37,430,188		11,666,521	11,666,521
54	Total Zone 1 to Zone 3		323,400		106,140	106,140
55	Total SL to Zone 4		5,145,769		1,891,817	1,891,817
56	Total Zone 2 to Zone 4		2,555,000		268,275	268,275
57	Total Zone 3 to Zone 3		1,825,000		215,533	215,533
58						
59	Total Texas Gas		<u>59,454,604</u>		<u>17,908,002</u>	<u>17,908,002</u>
60						
61						
62	Total Texas Gas Area Non-Commodity				<u>17,908,002</u>	<u>17,908,002</u>

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

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		9.0149	1,307,161	1,307,161
4						
5	FT-A Contract # 95033		144,000			
6	Base Rate	14		8.2125	1,182,600	1,182,600
7						
8	Total Zone 0 to 2		<u>289,000</u>		<u>2,489,761</u>	<u>2,489,761</u>
9						
10	1 to Zone 2					
11	FT-A Contract # 300264		30,000			
12	Base Rate	14		4.1063	123,188	123,188
13						
14	Total Zone 1 to 2		<u>30,000</u>		<u>123,188</u>	<u>123,188</u>
15						
16	Gas Storage					
17	Production Area:					
18	Demand	61	34,968	1.7226	60,236	60,236
19	Space Charge	61	4,916,148	0.0175	86,033	86,033
20	Market Area:					
21	Demand	61	237,408	1.2655	300,440	300,440
22	Space Charge	61	10,846,308	0.0173	187,641	187,641
23	Total Storage		<u>16,034,832</u>		<u>634,350</u>	<u>634,350</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity		16,353,832		<u><u>3,247,299</u></u>	<u><u>3,247,299</u></u>

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)
		Tariff Sheet No.			Purchases	Rate	Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>No Notice Service</u>				1,145,610		
2	Indexed Gas Cost					2.1680	2,483,682
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	56,135
4	Fuel and Loss Retention @	Section 4.18.1	1.32%			0.0290	33,223
5						2.2460	2,573,040
6							
7	<u>Firm Transportation</u>				937,317		
8	Indexed Gas Cost					2.1680	2,032,104
9	Base (Weighted on MDQs)					0.0439	41,148
10	ACA	Section 4.1 - FT				0.0014	1,312
11	Fuel and Loss Retention @	Section 4.18.1	1.08%			0.0237	22,214
12						2.2370	2,096,778
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				706,198	3.3030	2,332,572
16	Injections				0	2.1680	0
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	34,604
18	Fuel and Loss Retention @	Section 4.18.1	1.32%			0.0290	20,480
19					706,198	3.3810	2,387,656
20							
21							
22	Total Purchases in Texas Area				2,789,125	2.5304	7,057,474
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		12,175,247	20.48%	\$0.0399	\$ 0.0082
31	SL to Zone 3	Section 4.1 - FT		37,430,188	62.96%	0.0445	\$ 0.0280
32	1 to Zone 3	Section 4.1 - FT		323,400	0.54%	0.0422	\$ 0.0002
33	SL to Zone 4	Section 4.1 - FT		5,145,769	8.65%	0.0528	\$ 0.0046
34	2 to Zone 4	Section 4.1 - FT		2,555,000	4.30%	0.0446	\$ 0.0019
35	3 to Zone 3	Section 4.1 - FT		1,825,000	3.07%	0.0312	\$ 0.0010
36	Total			59,454,604	100.0%		\$ 0.0439
37							
38	<u>Tennessee Gas</u>						
39	0 to Zone 2	24		289,000	90.60%	\$0.0177	\$ 0.0160
40	1 to Zone 2	24		30,000	9.40%	0.0147	0.0014
41	Total			319,000	100.00%		\$ 0.0174

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

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)	(d) Purchases		(e) Rate	(f) Total
					Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>					556,394		
2	Indexed Gas Cost						2.1680	1,206,262
3	Base Commodity (Weighted on MDQs)						0.0174	9,691
4	ACA	24					0.0014	779
5	Fuel and Loss Retention	32	1.78%				0.0393	21,866
6							2.2261	1,238,598
7								
8	<u>FT-GS</u>					0		
9	Indexed Gas Cost						2.1680	0
10	Base Rate	26					0.7368	0
11	ACA	24					0.0014	0
12	Fuel and Loss Retention	32	1.78%				0.0393	0
13							2.9455	0
14								
15	<u>Gas Storage</u>							
16	FT-A & FT-G Market Area Withdrawals					294,067	3.3030	971,303
17	FT-A & FT-G Market Area Injections					0	2.1680	0
18	Withdrawal Rate	61					0.0087	2,558
19	Injection Rate	61					0.0087	0
20	Fuel and Loss Retention	61	1.29%				0.0001	29
21	Total					294,067	3.3118	973,890
22								
23								
24								
25	Total Tennessee Gas Zones					850,461	2.6015	2,212,488

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

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			180,000		
3	Indexed Gas Cost				2.1680	390,240
4	Base Commodity	13			0.0130	2,340
5	ACA	13			0.0014	252
6	Fuel and Loss Retention	13	0.89%		0.0173	3,114
7					<u>2.1997</u>	<u>395,946</u>
8						
9						

Non-Commodity

Non-Commodity						
	(a)	(b)	(c)	(d)	(e)	
Line No.	Description	Tariff Sheet No.	Annual Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
Injections						
10	FT-G Contract # 014573		38,750			
11	Discount Rate on MDQs			5.3754	208,297	208,297
12						
13	Total Trunkline Area Non-Commodity				<u>208,297</u>	<u>208,297</u>

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	\$17,908,002			
3	Midwestern	0			
4	Tennessee Gas Pipeline	3,247,299			
5	Trunkline Gas Company	208,297			
6	Total	<u>\$21,363,598</u>			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1452	\$3,101,994	16,499,844	0.1880 0.1880
11	Firm	0.8548	18,261,604	16,200,546	1.1272
12	Total	<u>1.0000</u>	<u>\$21,363,598</u>		<u>1.3152 0.1880</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	16,200,546	16,200,546	16,200,546	1.3152
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	299,297	299,297		1.3152 0.1880
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	32,198,871			
27					
28		<u>48,698,714</u>	<u>16,499,844</u>	<u>16,200,546</u>	
29					
30					

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

Exhibit B
Page 7 of 8

	(a)	(b)	(c)	(d)
Line				
No. Description	Purchases		Rate	Total
	Mcf	MMbtu	\$/Mcf	\$
1 <u>Texas Gas Area</u>				
2 No Notice Service	1,114,718	1,145,610	2.3082	2,573,040
3 Firm Transportation	912,042	937,317	2.2990	2,096,778
4 No Notice Storage	687,155	706,198	3.4747	2,387,656
5 Total Texas Gas Area	2,713,915	2,789,125	2.6005	7,057,474
6				
7 <u>Tennessee Gas Area</u>				
8 FT-A and FT-G	524,815	556,394	2.3601	1,238,598
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	277,377	294,067	3.5111	973,890
13	802,192	850,461	2.7581	2,212,488
14 <u>Trunkline Gas Area</u>				
15 Firm Transportation	175,146	180,000	2.2607	395,946
16				
17 <u>Company Owned Storage</u>				
18 Withdrawals	1,765,950	1,814,890	3.3810	5,970,678
19 Injections	0	0	0.0000	0
20 Net WKG Storage	1,765,950	1,814,890	3.3810	5,970,678
21				
22				
23 Local Production	14,891	15,787	2.1680	32,284
24				
25				
26				
27 Total Commodity Purchases	5,472,094	5,650,263	2.8634	15,668,870
28				
29 Lost & Unaccounted for @	117,103	120,916		
30				
31 Total Deliveries	5,354,991	5,529,347	2.9260	15,668,870
32				
33				
34				
35 Total Expected Commodity Cost	5,354,991	5,529,347	2.9260	15,668,870
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	16,499,844
2	Transportation	0
3	Total Mcf Billed Demand Charges	<u>16,499,844</u>
4	Divided by: Days/Year	365
5	Average Daily Sales and Transport Volumes	<u>45,205</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>311,262</u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1452
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending April - 2024

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 2024 through April 2024 during the period December 13 through December 27, 2023.

		Feb-24 (\$/MMBTU)	Mar-24 (\$/MMBTU)	Apr-24 (\$/MMBTU)
Wednesday	12/13/23	2.292	2.201	2.215
Thursday	12/14/23	2.347	2.260	2.282
Friday	12/15/23	2.425	2.318	2.333
Monday	12/18/23	2.416	2.309	2.318
Tuesday	12/19/23	2.366	2.234	2.235
Wednesday	12/20/23	2.347	2.208	2.201
Thursday	12/21/23	2.459	2.298	2.274
Friday	12/22/23	2.490	2.316	2.292
Tuesday	12/26/23	2.419	2.255	2.236
Wednesday	12/27/23	2.437	2.286	2.267
Average		<u>\$2.400</u>	<u>\$2.269</u>	<u>\$2.265</u>

- B. The Company believes prices are increasing and prices for the quarter ending April 30, 2024 will settle at \$2.168 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 - 2024

Note: Filed under Petition of Confidentiality

	February-24			March-24			April-24			Total		
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<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-23	431,248	\$2,158,406.87	\$1,348,985.75	\$809,421.12	\$0.00	\$809,421.12	
2								
3	September-23	578,584	\$2,574,622.47	\$1,672,169.94	\$902,452.53	\$0.00	\$902,452.53	
4								
5	October-23	803,850	<u>\$3,815,030.92</u>	<u>\$2,135,203.04</u>	<u>\$1,679,827.88</u>	<u>\$0.00</u>	<u>\$1,679,827.88</u>	
6								
7								
8	Under/(Over) Recovery		<u>\$8,548,060.26</u>	<u>\$5,156,358.73</u>	<u>\$3,391,701.53</u>	<u>\$0.00</u>	<u>\$3,391,701.53</u>	
9								
10	PBR Savings reflected in Gas Costs		<u>\$1,634,556.59</u>					
11								
12	<u>Correction Factor - Part 1</u>							
13	(Over)/Under Recovered Gas Cost through July 2023 (August 2023 GL)						(21,785,815.42)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended October 2023						3,391,701.53	
15	Recovery from outstanding Correction Factor (CF)						1,478,592.39	
16	Over-Refunded Amount of Pipeline Refunds							
17	Prior Net Uncollectible Gas Cost as of November, 2022						<u>1,324,473.15</u>	
18	(Over)/Under Recovered Gas Cost through October 2023 (November 2023 GL) (a)						<u>(\$15,591,048.35)</u>	
19	Divided By: Total Expected Customer Sales (b)						16,499,844	Mcf
20								
21	Correction Factor - Part 1						(\$0.9449)	/ Mcf
22								
23	<u>Correction Factor - Part 2</u>							
24	Net Uncollectible Gas Cost through November 2023 (c)						<u>1,070,546.01</u>	
25	Divided By: Total Expected Customer Sales (b)						16,499,844	
26								
27	Correction Factor - Part 2						<u>\$0.0649</u>	/ Mcf
28								
29	<u>Correction Factor - Total (CF)</u>							
30	Total Deferred Balance through October 2023 (November 2023 GL) incl. Net Uncol Gas Cost						<u>(\$14,520,502.34)</u>	
31	Divided By: Total Expected Customer Sales (b)						16,499,844	
32								
33	Correction Factor - Total (CF)						<u><u>(\$0.8800)</u></u>	/ Mcf

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended October 2023
2023-00414

		GL	September-23	October-23	November-23
			(a)	(b)	(c)
			Month		
Line No.	Description	Unit	August-23	September-23	October-23
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	1,636,895	1,645,334	1,869,273
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	1,449
14	Injections	Mcf	(658,882)	(651,856)	(661,466)
15	Producers	Mcf	6,442	4,715	4,630
16	Third Party Reimbursements	Mcf	(705)	(725)	(846)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(552,501)	(418,884)	(409,190)
19	Total Supply	Mcf	431,248	578,584	803,850
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	431,248	578,584	803,850

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 2023
2023-00414

Line No.	Description	GL Unit	September-23	October-23	November-23
			(a)	(b) Month	(c)
			August-23	September-23	October-23
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,286,165	1,253,788	1,691,136
4	Tennessee Gas Pipeline ¹	\$	189,440	189,925	228,303
5	Trunkline Gas Company ¹	\$	7,326	7,086	7,320
6	ANR ¹	\$	15,840	15,840	15,840
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	1,498,771	1,466,639	1,942,598
9	Total Other Suppliers	\$	3,787,052	3,952,365	4,783,395
10	Hedging Settlements	\$	0	0	0
11	Off System Storage				
12	Texas Gas Transmission	\$			
13	Tennessee Gas Pipeline	\$			
14	WKG Storage	\$	147,954	147,954	147,954
15	System Storage				
16	Withdrawals	\$	0	0	3,792
17	Injections	\$	(1,576,625)	(1,628,714)	(1,761,530)
18	Producers	\$	14,598	11,071	11,281
19	Third Party Reimbursements	\$	(3,083)	(2,644)	(3,251)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances ²	\$	(1,710,261)	(1,372,049)	(1,309,208)
22	Sub-Total	\$	2,158,407	2,574,622	3,815,031
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	<u>2,158,406.87</u>	<u>2,574,622.47</u>	<u>3,815,030.92</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.

GL	(a)		(b)		(c)		(d)		(e)		(f)	
	September-23		September-23		October-23		September-23		November-23		October-23	
	MCF	Cost	MCF	Cost	MCF	Cost	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	Symmetry Energy Solutions (SES)											
9	Engage											
10	ERI											
11	Prepaid											
12	Reservation											
13	Hedging Costs - All Zones											
14												
15	Total	1,379,138	\$3,193,999	1,365,561	\$3,310,681	1,517,478	\$3,928,626					
16												
17												
18	Tennessee Gas Pipeline Area											
19	Chevron Natural Gas, Inc.											
20	United Energy Trading (UET)											
21	WESCO											
22	Prepaid											
23	Reservation											
24	Fuel Adjustment											
25												
26	Total	215,517	\$506,361	233,468	\$547,187	302,254	\$746,506					
27												
28												
29	Trunkline Gas Company											
30	Symmetry Energy Solutions (SES)											
31	Engage											
32	Prepaid											
33	Reservation											
34	Fuel Adjustment											
35												
36	Total	31,450	\$70,594	30,435	\$70,950	31,455	\$78,433					
37												
38												
39	Midwestern Pipeline											
40	Symmetry Energy Solutions (SES)											
41	Midwestern Gas Transmission											
42	Anadarko											
43	Prepaid											
44	Reservation											
45	Fuel Adjustment											
46												
47	Total	366	\$2,130	(546)	(\$1,076)	369	\$1,836					
48												
49												
50	ANR Pipeline											
51	Symmetry Energy Solutions (SES)											
52	LG&E Natural											
53	Anadarko											
54	Prepaid											
55	Reservation											
56	Fuel Adjustment											
57												
58	Total	0	\$0	0	\$0	0	\$0					
59												
60												
61	Benson Valley - RNG											
62	Mercuria											
63	LG&E Natural											
64	Anadarko											
65	Prepaid											
66	Reservation											
67	Fuel Adjustment											
68												
69	Total	10,424	\$13,968	16,416	\$24,624	17,718	\$27,994					
70												
71												
72												
73	All Zones											
74	Total	1,636,895	\$3,787,052	1,645,334	\$3,952,365	1,869,273	\$4,783,395					

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

Atmos Energy Corporation
Net Uncollectible Gas Cost
Twelve Months Ended November, 2023

Line No.	Month (a)	Gas Cost	Margin Written	Taxes & Other	Total Written	Gas Cost	Margin	Net Uncollectible	Cumulative Net
		Written Off (b)	Off (c)	Written Off (d)	Off (e)	Collected (f)	Collected (g)	Gas Cost (h)	Uncollectible Gas Cost (i)
1	Dec-22	(\$140,621.26)	(\$222,815.26)	(\$14,132.93)	(\$377,569.45)	\$16,999.64	\$14,908.15	\$123,621.62	\$123,621.62
2	Jan-23	(\$67,602.64)	(\$115,582.51)	(\$7,867.88)	(\$191,053.03)	\$6,316.57	\$6,697.76	\$61,286.07	\$184,907.69
3	Feb-23	(\$70,638.98)	(\$98,723.46)	(\$8,913.52)	(\$178,275.96)	\$9,987.14	\$8,593.21	\$60,651.84	\$245,559.53
4	Mar-23	(\$51,865.01)	(\$93,317.94)	(\$6,882.39)	(\$152,065.34)	\$7,244.93	\$5,448.95	\$44,620.08	\$290,179.61
5	Apr-23	(\$40,142.42)	(\$64,904.05)	(\$4,743.49)	(\$109,789.96)	\$3,100.98	\$3,444.91	\$37,041.44	\$327,221.05
6	May-23	(\$81,248.81)	(\$121,220.60)	(\$8,191.70)	(\$210,661.11)	\$2,228.68	\$2,939.40	\$79,020.13	\$406,241.18
7	Jun-23	(\$72,443.85)	(\$62,112.23)	(\$6,106.74)	(\$140,662.82)	\$5,224.55	\$2,840.01	\$67,219.30	\$473,460.48
8	Jul-23	(\$98,343.58)	(\$82,082.47)	(\$8,400.29)	(\$188,826.34)	\$4,572.58	\$4,399.01	\$93,771.00	\$567,231.48
9	Aug-23	(\$195,037.19)	(\$157,921.89)	(\$16,883.96)	(\$369,843.04)	\$5,323.94	\$7,798.27	\$189,713.25	\$756,944.73
10	Sep-23	(\$158,070.39)	(\$119,447.50)	(\$12,799.27)	(\$290,317.16)	\$8,104.49	\$4,452.03	\$149,965.90	\$906,910.63
11	Oct-23	(\$174,686.78)	(\$133,527.38)	(\$24,709.89)	(\$332,924.05)	\$32,680.98	\$20,698.66	\$142,005.80	\$1,048,916.43
12	Nov-23	(\$68,600.97)	(\$68,566.92)	(\$15,584.28)	(\$152,752.17)	\$46,971.39	\$12,809.76	\$21,629.58	\$1,070,546.01

Atmos Energy Corporation
Performance Based Rate Recovery Factor
2023-00414
(PBRRF)

Exhibit E

Line No.	Amounts Reported:	AMOUNT
1	Company Share of 11/22-10/23 PBR Activity	\$ 3,188,986.15
2	Carry-over Amount in Case No. 2022-00418	(\$417,036.16)
3		-
4	Total	<u>\$ 2,771,949.99</u>
5		
6		
7	Total	\$ 2,771,949.99
8	Less: Amount related to specific end users	0.00
9	Amount to flow-through	<u><u>\$ 2,771,949.99</u></u>
10		
11		
12		
13	Allocation	Total
14		
15	Company share of PBR activity	\$ 2,771,949.99
16		
17	PBR Calculation	
18		
19	Demand Allocator - All	
20	(See Exh. B, p. 6, line 10)	0.1452
21	Demand Allocator - Firm	
22	(1 - Demand Allocator - All)	0.8548
23	Firm Volumes (normalized)	
24	(See Exh. B, p. 6, col. (a), line 19)	16,200,546
25	All Volumes (excluding Transportation)	
26	(See Exh. B, p. 6, col. (b), line 28)	16,499,844
27		
28		
29	Total Firm Sales Factor (Line 15 / Line 26)	\$ 0.1680 / MCF
30		
31	Total Interruptible Sales Factor (Line 26)	\$ 0.1680 / MCF

Company Share of 11/20-10/21 PBR Activity 2,045,449.00
Carry-over Amount in Case No. 2021-00453 301.14

Total 2,045,750.14

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)						\$ 2,045,750.14
3	Feb-22	3,565,671	\$0.1431	\$510,247.51	\$1,396.60	511,644.11	1,534,106.03
4	Mar-22	2,390,124	0.1431	342,026.77	(\$794.44)	341,232.33	1,192,873.70
5	Apr-22	1,782,804	0.1431	255,119.32	\$37,031.75	292,151.07	900,722.63
6	May-22	769,002	0.1431	110,044.22	(\$5,040.10)	105,004.12	795,718.51
7	Jun-22	443,007	0.1431	63,394.33	(\$33,233.96)	30,160.37	765,558.14
8	Jul-22	391,597	0.1431	56,037.60	(\$273.43)	55,764.17	709,793.97
9	Aug-22	328,538	0.1431	47,013.72	(\$104.36)	46,909.36	662,884.61
10	Sep-22	421,444	0.1431	60,308.65	(\$76.52)	60,232.13	602,652.48
11	Oct-22	634,871	0.1431	90,850.10	(\$80.48)	90,769.62	511,882.86
12	Nov-22	1,046,728	0.1431	149,786.83	(\$171.65)	149,615.18	362,267.68
13	Dec-22	2,361,112	0.1431	337,875.17	(\$264.46)	337,610.71	24,656.97
14	Jan-23	3,089,741	0.1431	442,141.99	(\$448.86)	441,693.13	(417,036.16)
15							
16	Total	17,224,642		\$2,464,846.21	(\$2,059.91)	\$2,462,786.30	(\$417,036.16)