

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2022-00307

NOTICE

QUARTERLY FILING

For The Period

November 01, 2022 - January 31, 2023

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

September 29, 2022

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
810 Crescent Centre Drive, Suite 600
Franklin, Tennessee 37067

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

Patty Nelson
Supv Accounting
Atmos Energy Corporation
5430 LBJ Freeway, Suite 700
Dallas, Texas 75240

Christina Vo
Sr. 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 Forty-Fourth Revised Sheet No. 4, Forty-Third Revised Sheet No. 5, and Forty-Fourth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective November 01, 2022.

The Gas Cost Adjustment (GCA) for firm sales service is \$9.5833 per Mcf and \$8.4408 per Mcf for interruptible sales service. The supporting calculations for the Forty-Third 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. 2022-00188, 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 November 01, 2022 through January 31, 2023 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$8.5209 per Mcf for the quarter of November 01, 2022 through January 31, 2023 as compared to \$8.6217 per Mcf used

for the period of August 01, 2022 through October 31, 2022. The G-2 Expected Commodity Gas Cost will be approximately \$7.3784 for the quarter November 01, 2022 through January 31, 2023 as compared to \$7.4735 for the period of August 01, 2022 through October 31, 2022.

3. The Company's notice sets out a new Correction Factor of \$0.9193 per Mcf which will remain in effect until at least January 31, 2023.
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 July 31, 2022 (August 2022 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-Third Revised Sheet No. 5; and Forty-Fourth 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 November 01, 2022.

DATED at Dallas, Texas this 29th day of September, 2022.

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. 2022-00307

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

First	300	¹ Mcf	<u>Sales (G-1)</u>		<u>Transportation (T-4)</u>		(l, -)
Next	14,700	¹ Mcf	@ 11.1316	per Mcf	@ 1.5483	per Mcf	(l, -)
Over	15,000	Mcf	@ 10.6595	per Mcf	@ 1.0762	per Mcf	(l, -)
			@ 10.4721	per Mcf	@ 0.8888	per Mcf	(l, -)

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

First	15,000	¹ Mcf	<u>Sales (G-2)</u>		<u>Transportation (T-3)</u>		(l, -)
Over	15,000	Mcf	@ 9.3965	per Mcf	@ 0.9557	per Mcf	(l, -)
			@ 9.2245	per Mcf	@ 0.7837	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 September 29, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2022
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 2022-00307 DATED XXXX

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2022-00307

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)	8.5209	7.3784	(R, R)
CF (Correction Factor)	0.9193	0.9193	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1431</u>	<u>0.1431</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$9.5833</u></u>	<u><u>\$8.4408</u></u>	(I, I)

DATE OF ISSUE September 29, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2022
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 2022-00307 DATED XXXX

Current Transportation

Case No. 2022-00307

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

System Lost and Unaccounted gas percentage: 1.72%

				<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.

DATE OF ISSUE September 29, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2022
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 2022-00307 DATED XXXX

Line No.	Description	Case No.		Difference
		(a) 2022-00188	(b) 2022-00307	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2018-00281)</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	7.2842	7.1911	(0.0931)
11	Demand	1.3375	1.3298	(0.0077)
12	Total EGC	8.6217	8.5209	(0.1008)
13	CF (Correction Factor)	0.7959	0.9193	0.1234
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1431	0.1431	0.0000
16	GCA (Gas Cost Adjustment)	9.5607	9.5833	0.0226
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	11.1090	11.1316	0.0226
20	Next 14,700 Mcf	10.6369	10.6595	0.0226
21	Over 15,000 Mcf	10.4495	10.4721	0.0226
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2018-00281)</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	7.2842	7.1911	(0.0931)
33	Demand	0.1893	0.1873	(0.0020)
34	Total EGC	7.4735	7.3784	(0.0951)
35	CF (Correction Factor)	0.7959	0.9193	0.1234
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1431	0.1431	0.0000
38	GCA (Gas Cost Adjustment)	8.4125	8.4408	0.0283
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	9.3682	9.3965	0.0283
42	Over 14,700 Mcf	9.1962	9.2245	0.0283

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2022-00188	2022-00307	
		\$/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 #	53433	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		9.1192	1,322,284	1,322,284
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>2,504,884</u>	<u>2,504,884</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	1.7426	60,935	60,935
19	Space Charge	61	4,916,148	0.0177	87,016	87,016
20	Market Area:					
21	Demand	61	237,408	1.2801	303,906	303,906
22	Space Charge	61	10,846,308	0.0175	189,810	189,810
23	Total Storage		<u>16,034,832</u>		<u>641,667</u>	<u>641,667</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity		16,353,832		<u>3,269,739</u>	<u>3,269,739</u>

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)		(d)	(e)	(f)
				Purchases	Rate	Total		
				Mcf	MMbtu	\$/MMbtu	\$	
1	<u>No Notice Service</u>				1,773,320			
2	Indexed Gas Cost					7.7740	13,785,793	
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	86,893	
4	Fuel and Loss Retention @	Section 4.18.1	1.23%			0.0968	171,657	
5						7.9198	14,044,343	
6								
7	<u>Firm Transportation</u>				1,450,899			
8	Indexed Gas Cost					7.7740	11,279,285	
9	Base (Weighted on MDQs)					0.0439	63,694	
10	ACA	Section 4.1 - FT				0.0015	2,176	
11	Fuel and Loss Retention @	Section 4.18.1	1.06%			0.0833	120,860	
12						7.9027	11,466,015	
13	<u>No Notice Storage</u>							
14	Net (Injections)/Withdrawals							
15	Withdrawals				2,112,609	6.0150	12,707,343	
16	Injections				0	7.7740	0	
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	103,518	
18	Fuel and Loss Retention @	Section 4.18.1	1.23%			0.0968	204,501	
19					2,112,609	6.1608	13,015,362	
20								
21								
22	Total Purchases in Texas Area				5,336,828	7.2188	38,525,720	
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)		(e)	(f)
					Purchases	Rate	Total	
					Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>					461,434		
2	Indexed Gas Cost						7.7740	3,587,188
3	Base Commodity (Weighted on MDQs)						0.0174	8,037
4	ACA	24					0.0015	692
5	Fuel and Loss Retention	32	2.31%				0.1838	84,812
6							7.9767	3,680,729
7								
8	<u>FT-GS</u>					0		
9	Indexed Gas Cost						7.7740	0
10	Base Rate	26					0.7453	0
11	ACA	24					0.0015	0
12	Fuel and Loss Retention	32	2.31%				0.1838	0
13							8.7046	0
14								
15	<u>Gas Storage</u>							
16	FT-A & FT-G Market Area Withdrawals					721,768	6.0150	4,341,432
17	FT-A & FT-G Market Area Injections					0	7.7740	0
18	Withdrawal Rate	61					0.0087	6,279
19	Injection Rate	61					0.0087	0
20	Fuel and Loss Retention	61	1.81%				0.0002	144
21	Total					721,768	6.0239	4,347,855
22								
23								
24								
25	Total Tennessee Gas Zones					1,183,202	6.7855	8,028,584

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			245,000		
3	Indexed Gas Cost				7.7740	1,904,630
4	Base Commodity	13			0.0130	3,185
5	ACA	13			0.0015	368
6	Fuel and Loss Retention	13	1.28%		0.0928	22,736
7					<u>7.8813</u>	<u>1,930,919</u>
8						
9						

Non-Commodity

Line No.	Description	Tariff Sheet No.	(b)	(c)	(d)	(e)
			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	3,269,739			
5	Trunkline Gas Company	208,297			
6	Total	<u>\$21,386,038</u>			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1427	\$3,051,788	16,292,447	0.1873 0.1873
11	Firm	0.8573	18,334,250	16,047,087	1.1425
12	Total	<u>1.0000</u>	<u>\$21,386,038</u>		<u>1.3298 0.1873</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	16,047,087	16,047,087	16,047,087	1.3298
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	245,359	245,359		1.3298 0.1873
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	31,126,320			
27					
28		<u>47,418,767</u>	<u>16,292,447</u>	<u>16,047,087</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	1,769,410	1,773,320	7.9373	14,044,343
3 Firm Transportation	1,447,699	1,450,899	7.9202	11,466,015
4 No Notice Storage	2,107,950	2,112,609	6.1744	13,015,362
5 Total Texas Gas Area	5,325,059	5,336,828	7.2348	38,525,720
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	434,864	461,434	8.4641	3,680,729
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	680,207	721,768	6.3920	4,347,855
13	1,115,071	1,183,202	7.2001	8,028,584
14 Trunkline Gas Area				
15 Firm Transportation	244,460	245,000	7.8987	1,930,919
16				
17 Company Owned Storage				
18 Withdrawals	1,378,186	1,381,232	6.1608	8,490,729
19 Injections	0	0	0.0000	0
20 Net WKG Storage	1,378,186	1,381,232	6.1608	8,490,729
21				
22				
23 Local Production	9,639	10,228	7.7740	74,934
24				
25				
26				
27 Total Commodity Purchases	8,072,415	8,156,490	7.0674	57,050,886
28				
29 Lost & Unaccounted for @	138,846	140,292		
30				
31 Total Deliveries	7,933,569	8,016,198	7.1911	57,050,886
32				
33				
34				
35 Total Expected Commodity Cost	7,933,569	8,016,198	7.1911	57,050,886
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	16,292,447
2	Transportation	<u>0</u>
3	Total Mcf Billed Demand Charges	16,292,447
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>44,637</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>312,714</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1427
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending January - 2023

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 November 2022 through January 2023 during the period September 13 through September 26, 2022.

		Nov-22 (\$/MMBTU)	Dec-22 (\$/MMBTU)	Jan-23 (\$/MMBTU)
Tuesday	09/13/22	8.334	8.477	8.573
Wednesday	09/14/22	9.167	9.310	9.407
Thursday	09/15/22	8.372	8.522	8.620
Friday	09/16/22	7.811	7.966	8.067
Monday	09/19/22	7.804	7.966	8.074
Tuesday	09/20/22	7.772	7.932	8.046
Wednesday	09/21/22	7.827	7.990	8.109
Thursday	09/22/22	7.193	7.378	7.522
Friday	09/23/22	6.992	7.203	7.366
Monday	09/26/22	7.014	7.235	7.398
Average		<u>\$7.829</u>	<u>\$7.998</u>	<u>\$8.118</u>

- B. The Company believes prices are increasing and prices for the quarter ending January 31, 2023 will settle at \$7.774 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 January - 2023

	November-22			December-22			January-23			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	May-22	472,476	\$962,891.94	\$5,064,706.11	(\$4,101,814.17)	\$0.00	(\$4,101,814.17)
2							
3	June-22	477,851	\$9,280,553.85	\$2,932,653.05	\$6,347,900.80	\$0.00	\$6,347,900.80
4							
5	July-22	519,710	<u>\$5,755,863.62</u>	<u>\$2,596,265.15</u>	<u>\$3,159,598.47</u>	<u>\$0.00</u>	<u>\$3,159,598.47</u>
6							
7							
8	Under/(Over) Recovery		<u>\$15,999,309.41</u>	<u>\$10,593,624.31</u>	<u>\$5,405,685.10</u>	<u>\$0.00</u>	<u>\$5,405,685.10</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,344,920.32</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through April 2022 (May 2022 GL)					10,238,986.14	
14	Total Gas Cost Under/(Over) Recovery for the three months ended July 2022					5,405,685.10	
15	Recovery from outstanding Correction Factor (CF)					(958,323.09)	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectible Gas Cost as of November, 2020					0.00	
18	(Over)/Under Recovered Gas Cost through July 2022 (August 2022 GL) (a)					<u>\$14,686,348.15</u>	
19	Divided By: Total Expected Customer Sales (b)					16,292,447	Mcf
20							
21	Correction Factor - Part 1					<u>\$0.9014</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2021 (c)					291,376.25	
25	Divided By: Total Expected Customer Sales (b)					16,292,447	
26							
27	Correction Factor - Part 2					<u>\$0.0179</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost					<u>\$14,977,724.40</u>	
31	Divided By: Total Expected Customer Sales (b)					16,292,447	
32							
33	Correction Factor - Total (CF)					<u><u>\$0.9193</u></u>	/ Mcf
34							

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	February-22	2,993,819	\$16,528,196.64	\$19,041,167.43	(\$2,512,970.79)	\$0.00	(\$2,512,970.79)
2							
3	March-22	1,904,589	\$14,400,133.58	\$12,721,308.14	\$1,678,825.44	\$0.00	\$1,678,825.44
4							
5	April-22	1,239,444	<u>\$12,492,157.79</u>	<u>\$9,487,737.27</u>	<u>\$3,004,420.52</u>	<u>\$0.00</u>	<u>\$3,004,420.52</u>
6							
7							
8	Under/(Over) Recovery		<u>\$43,420,488.01</u>	<u>\$41,250,212.84</u>	<u>\$2,170,275.17</u>	<u>\$0.00</u>	<u>\$2,170,275.17</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$0.00</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through January 2022 (February 2022 GL)					10,077,366.37	
14	Total Gas Cost Under/(Over) Recovery for the three months ended April 2022					2,170,275.17	
15	Recovery from outstanding Correction Factor (CF)					(2,008,655.40)	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectible Gas Cost as of November, 2020					<u>0.00</u>	
18	(Over)/Under Recovered Gas Cost through April 2022 (May 2022 GL) (a)					<u>\$10,238,986.14</u>	
19	Divided By: Total Expected Customer Sales (b)					16,292,447	Mcf
20							
21	Correction Factor - Part 1					<u>\$0.6284</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2021 (c)					<u>291,376.25</u>	
25	Divided By: Total Expected Customer Sales (b)					16,292,447	
26							
27	Correction Factor - Part 2					<u>\$0.0179</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through April 2022 (May 2022 GL) incl. Net Uncol Gas Cost					<u>\$10,530,362.39</u>	
31	Divided By: Total Expected Customer Sales (b)					16,292,447	
32							
33	Correction Factor - Total (CF)					<u><u>\$0.6463</u></u>	/ Mcf
34							

Note: During our Filed Amended GCA in case 2022-00188, we had inadvertently forgot to update the PPA amounts in exhibit D.4. This caused our Correction Factor to be higher than anticipated. The correction to this exhibit, reflects the correction that was needed and causes the overall GCA rate effective August 2022 to decrease based on our amended filing.

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended July 2022
2022-00307

Line No.	Description	GL Unit	June-22	July-22	August-22
			(a)	(b)	(c)
			Month		
			May-22	June-22	July-22
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	1,995,817	1,615,142	1,617,022
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	5,745
14	Injections	Mcf	(880,030)	(715,412)	(725,454)
15	Producers	Mcf	1,717	3,154	5,357
16	Third Party Reimbursements	Mcf	(145)	(153)	(74)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(644,883)	(424,880)	(382,886)
19	Total Supply	Mcf	472,476	477,851	519,710
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	472,476	477,851	519,710

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 July 2022
2022-00307

Line No.	Description	GL Unit	June-22	July-22	August-22
			(a)	(b)	(c)
			Month		
			May-22	June-22	July-22
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,294,229	1,250,210	1,286,274
4	Tennessee Gas Pipeline ¹	\$	200,020	188,364	188,880
5	Trunkline Gas Company ¹	\$	7,313	7,080	7,317
6	ANR ¹	\$	15,817	15,817	15,817
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	1,517,379	1,461,470	1,498,288
9	Total Other Suppliers	\$	14,814,913	14,729,837	10,721,660
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	0
17	Injections	\$	(6,653,454)	(6,452,398)	(4,845,517)
18	Producers	\$	13,121	25,465	35,143
19	Third Party Reimbursements	\$	(980)	(1,030)	(554)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances ²	\$	(8,876,040)	(630,745)	(1,801,111)
22	Sub-Total	\$	962,892	9,280,554	5,755,864
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	962,891.94	9,280,553.85	5,755,863.62

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	February-22	G-1 Sales	3,530,809.948	\$0.2644	\$933,546.15	\$0.0000	\$0.00	\$0.1431	\$505,258.90	\$5.3477	\$18,881,712.36	\$20,320,517.41	
2		G-2 Sales	8,939.762	\$0.2644	2,363.67	\$0.0000	0.00	\$0.1431	1,279.28	\$4.0363	36,083.56	\$39,726.51	
6		Sub Total	3,539,749.711		\$935,909.82		\$0.00		\$506,538.18		\$18,917,795.92	\$20,360,243.92	
7		Timing: Cycle Billing and PPA's	0.000		(15,275.27)		0.00		5,105.93		123,371.51	\$113,202.17	
8		Total	3,539,749.711		\$920,634.55		\$0.00		\$511,644.11		\$19,041,167.43	\$20,473,446.09	\$19,961,801.98
11	March-22	G-1 Sales	2,356,742.832	\$0.2644	\$623,122.80	\$0.0000	\$0.00	\$0.1431	\$337,249.90	\$5.3477	\$12,603,153.64	\$13,563,526.34	
12		G-2 Sales	5,691.123	\$0.2644	1,504.73	\$0.0000	0.00	\$0.1431	814.40	\$4.0363	22,971.08	\$25,290.21	
16		Sub Total	2,362,433.956		\$624,627.53		\$0.00		\$338,064.30		\$12,626,124.72	\$13,588,816.55	
17		Timing: Cycle Billing and PPA's	0.000		(721.03)		0.00		3,168.03		95,183.42	\$97,630.42	
18		Total	2,362,433.956		\$623,906.50		\$0.00		\$341,232.33		\$12,721,308.14	\$13,686,446.97	\$13,345,214.64
21	April-22	G-1 Sales	1,744,876.684	\$0.2644	\$461,345.40	\$0.0000	\$0.00	\$0.1431	\$249,691.85	\$5.3477	\$9,331,077.04	\$10,042,114.29	
22		G-2 Sales	10,580.280	\$0.2644	2,797.43	\$0.0000	0.00	\$0.1431	1,514.04	\$4.0363	42,705.18	\$47,016.65	
26		Sub Total	1,755,456.964		\$464,142.83		\$0.00		\$251,205.89		\$9,373,782.22	\$10,089,130.94	
27		Timing: Cycle Billing and PPA's	0.000		(28.48)		0.00		40,945.18		113,955.05	\$154,871.75	
28		Total	1,755,456.964		\$464,114.35		\$0.00		\$292,151.07		\$9,487,737.27	\$10,244,002.69	\$9,951,851.62
31	Total Recovery from Correction Factor (CF)				\$2,008,655.40								
32	Total Amount Refunded through the Refund Factor (RF)						\$0.00						
33	Total Recovery from Performance Based Rate Recovery Factor (PBRRF)								\$1,145,027.51				
34	Total Recoveries from Expected Gas Cost (EGC) Factor									\$41,250,212.84			
35	Total Recoveries from Gas Cost Adjustment Factor (GCA)										\$44,403,895.75		
37													\$43,258,868.24

NOTE: The cycle billing is a result of customers being billed by the meter read date.

The prior period adjustments (PPA's) consist of billing revisions/adjustments.

The amended filing correction factor calculation was incorrect for case 2022-00188, Line No.(s) 7, 17, 27 for the PPA's were not updated. We had inadvertently forgotten to update this piece of the calculation. However, in this new corrected exhibit D.4, we have corrected the calculation to reflect the correct values.

Description	May, 2022		June, 2022		July, 2022	
	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	1,704,252	\$12,591,755	1,386,248	\$12,586,096	1,370,258	\$9,034,165
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	261,045	\$1,995,764	199,959	\$1,883,556	214,537	\$1,478,457
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	30,164	\$221,529	30,164	\$269,252	31,169	\$198,040
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	356	\$6,159	(1,229)	(\$9,067)	1,058	\$10,998
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	(\$294)	0	\$0	0	\$0
59						
60						
61 All Zones						
62 Total	1,995,817	\$14,814,913	1,615,142	\$14,729,837	1,617,022	\$10,721,660
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, 2021

Exhibit D
Page 6 of 6

Line No.	Month (a)	Gas Cost Written Off (b)	Margin Written Off (c)	Taxes & Other Written Off (d)	Total Written Off (e)	Gas Cost Collected (f)	Margin Collected (g)	Net Uncollectible Gas Cost (h)	Cumulative Net Uncollectible Gas Cost (i)
1	Dec-20	(\$17,264.32)	(\$49,140.88)	(\$3,071.06)	(\$69,476.26)	\$9,592.70	\$10,276.12	\$7,671.62	\$7,671.62
2	Jan-21	(\$8,688.46)	(\$33,690.51)	(\$1,818.81)	(\$44,197.78)	\$8,736.55	\$7,388.01	(\$48.09)	\$7,623.53
3	Feb-21	(\$10,979.88)	(\$46,917.51)	(\$2,572.94)	(\$60,470.33)	\$7,996.70	\$7,524.41	\$2,983.18	\$10,606.71
4	Mar-21	(\$13,731.71)	(\$52,557.21)	(\$2,804.47)	(\$69,093.39)	\$10,671.96	\$9,690.64	\$3,059.75	\$13,666.46
5	Apr-21	(\$8,449.21)	(\$40,640.16)	(\$1,440.88)	(\$50,530.25)	\$6,716.84	\$7,588.63	\$1,732.37	\$15,398.83
6	May-21	(\$2,717.01)	(\$1,744.20)	(\$491.17)	(\$4,952.38)	\$3,992.10	\$5,413.75	(\$1,275.09)	\$14,123.74
7	Jun-21	(\$82,274.26)	(\$102,695.63)	(\$11,460.13)	(\$196,430.02)	\$4,424.85	\$5,330.33	\$77,849.41	\$91,973.15
8	Jul-21	(\$52,344.68)	(\$111,306.82)	(\$7,013.11)	(\$170,664.61)	\$3,870.46	\$2,849.24	\$48,474.22	\$140,447.37
9	Aug-21	(\$90,071.52)	(\$133,916.84)	(\$9,742.43)	(\$233,730.79)	\$6,307.56	\$4,889.72	\$83,763.96	\$224,211.33
10	Sep-21	(\$49,235.22)	(\$84,123.58)	(\$6,280.15)	(\$139,638.95)	\$5,824.79	\$6,020.94	\$43,410.43	\$267,621.76
11	Oct-21	(\$39,691.19)	(\$70,473.30)	(\$4,764.49)	(\$114,928.98)	\$35,273.77	\$16,893.51	\$4,417.42	\$272,039.18
12	Nov-21	(\$38,370.04)	(\$66,799.70)	(\$5,168.08)	(\$110,337.82)	\$19,032.97	\$16,739.69	\$19,337.07	\$291,376.25