

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2022-00418

NOTICE

QUARTERLY FILING

For The Period

February 01, 2023 - April 30, 2023

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

December 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
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Atmos Energy Corporation
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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-Fifth Revised Sheet No. 4, Forty-Fourth Revised Sheet No. 5, and Forty-Fifth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective February 01, 2023.

The Gas Cost Adjustment (GCA) for firm sales service is \$8.3507 per Mcf and \$7.2507 per Mcf for interruptible sales service. The supporting calculations for the Forty-Fourth 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. 2022-00307, 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, 2023 through April 30, 2023 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$6.998 per Mcf for the quarter of February 01, 2023 through April 30, 2023 as compared to \$8.5209 per Mcf used

for the period of November 01, 2022 through January 31, 2023. The G-2 Expected Commodity Gas Cost will be approximately \$5.898 for the quarter February 01, 2023 through April 30, 2023 as compared to \$7.3784 for the period of November 01, 2022 through January 31, 2023.

3. The Company's notice sets out a new Correction Factor of \$1.1173 per Mcf which will remain in effect until at least April 30, 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 October 31, 2022 (November 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-Fourth Revised Sheet No. 5; and Forty-Fifth 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, 2023.

DATED at Dallas, Texas this 29th day of December, 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. 2022-00418

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	@ 9.8990	per Mcf	@ 1.5483	per Mcf (R, -)
Next	14,700	¹ Mcf	@ 9.4269	per Mcf	@ 1.0762	per Mcf (R, -)
Over	15,000	Mcf	@ 9.2395	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	@ 8.2064	per Mcf	@ 0.9557	per Mcf (R, -)
Over	15,000	Mcf	@ 8.0344	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 29, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2023
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 2022-00418 DATED XXXX

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2022-00418

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)	6.9980	5.8980	(R, R)
CF (Correction Factor)	1.1173	1.1173	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.2354</u>	<u>0.2354</u>	(I, I),
GCA (Gas Cost Adjustment)	<u>\$8.3507</u>	<u>\$7.2507</u>	(R, R)

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SIGNATURE OF OFFICER

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2022-00418 DATED XXXX

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FORTY-FIFTH REVISED SHEET NO. 6

CANCELLING

FORTY-FOURTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Transportation

Case No. 2022-00418

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</u> <u>Margin</u>			<u>Non-</u> <u>Commodity</u>			<u>Gross</u> <u>Margin</u>	
<u>Transportation Service</u>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 December 29, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE February 1, 2023
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 2022-00418 DATED XXXX

Line No.	Description	Case No.		Difference
		(a) 2022-00307	(b) 2022-00418	
		\$/Mcf	\$/Mcf	\$/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	7.1911	5.7107	(1.4804)
11	Demand	1.3298	1.2873	(0.0425)
12	Total EGC	8.5209	6.9980	(1.5229)
13	CF (Correction Factor)	0.9193	1.1173	0.1980
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1431	0.2354	0.0923
16	GCA (Gas Cost Adjustment)	9.5833	8.3507	(1.2326)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	11.1316	9.8990	(1.2326)
20	Next 14,700 Mcf	10.6595	9.4269	(1.2326)
21	Over 15,000 Mcf	10.4721	9.2395	(1.2326)
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	7.1911	5.7107	(1.4804)
33	Demand	0.1873	0.1873	0.0000
34	Total EGC	7.3784	5.8980	(1.4804)
35	CF (Correction Factor)	0.9193	1.1173	0.1980
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1431	0.2354	0.0923
38	GCA (Gas Cost Adjustment)	8.4408	7.2507	(1.1901)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	9.3965	8.2064	(1.1901)
42	Over 14,700 Mcf	9.2245	8.0344	(1.1901)

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2022-00307	2022-00418	
		\$/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)	(b)	(c)	(d)	(e)	(f)	
		Tariff Sheet No.			Purchases	Rate	Total	
					Mcf	MMbtu	\$/MMbtu	\$
1	<u>No Notice Service</u>					1,530,198		
2	Indexed Gas Cost						4.8190	7,374,026
3	Commodity (Zone 3)	Section 4.4 - NNS					0.0490	74,980
4	Fuel and Loss Retention @	Section 4.18.1	1.23%				0.0600	91,812
5							4.9280	7,540,818
6								
7	<u>Firm Transportation</u>					1,251,981		
8	Indexed Gas Cost						4.8190	6,033,294
9	Base (Weighted on MDQs)						0.0439	54,962
10	ACA	Section 4.1 - FT					0.0015	1,878
11	Fuel and Loss Retention @	Section 4.18.1	1.06%				0.0516	64,602
12							4.9160	6,154,736
13	<u>No Notice Storage</u>							
14	Net (Injections)/Withdrawals							
15	Withdrawals					706,215	6.3030	4,451,273
16	Injections					0	4.8190	0
17	Commodity (Zone 3)	Section 4.4 - NNS					0.0490	34,605
18	Fuel and Loss Retention @	Section 4.18.1	1.23%				0.0600	42,373
19						706,215	6.4120	4,528,251
20								
21								
22	Total Purchases in Texas Area					3,488,394	5.2241	18,223,805
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>				547,789			
2	Indexed Gas Cost					4.8190	2,639,795	
3	Base Commodity (Weighted on MDQs)					0.0174	9,541	
4	ACA	24				0.0015	822	
5	Fuel and Loss Retention	32	2.31%			0.1140	62,448	
6								
7							4.9519	2,712,606
8	<u>FT-GS</u>							
9	Indexed Gas Cost				0	4.8190	0	
10	Base Rate	26				0.7453	0	
11	ACA	24				0.0015	0	
12	Fuel and Loss Retention	32	2.31%			0.1140	0	
13								
14							5.6798	0
15	<u>Gas Storage</u>							
16	FT-A & FT-G Market Area Withdrawals				294,027	6.3030	1,853,252	
17	FT-A & FT-G Market Area Injections				0	0.0000	0	
18	Withdrawal Rate	61				0.0087	2,558	
19	Injection Rate	61				0.0087	0	
20	Fuel and Loss Retention	61	1.81%			0.0002	59	
21	Total				294,027	6.3119	1,855,869	
22								
23								
24								
25	Total Tennessee Gas Zones				841,816	5.4269	4,568,475	

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			177,500		
3	Indexed Gas Cost				4.8190	855,373
4	Base Commodity	13			0.0130	2,308
5	ACA	13			0.0015	266
6	Fuel and Loss Retention	13	1.28%		0.0575	10,206
7					4.8910	868,153
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				208,297	208,297

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	<u>Monthly Demand Charge</u>	
9	<u>Demand Cost Allocation:</u>	Factors	Volumes	Firm	Interruptible
10	All	0.1476	\$3,156,579	16,851,020	0.1873
11	Firm	0.8524	18,229,459	16,571,768	1.1000
12	Total	<u>1.0000</u>	<u>\$21,386,038</u>		<u>1.2873</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	16,571,768	16,571,768	16,571,768	1.2873
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	279,252	279,252		1.2873
24					0.1873
25	<u>Transportation Service</u>				
26	T-3 & T-4	31,922,587			
27					
28		<u>48,773,607</u>	<u>16,851,020</u>	<u>16,571,768</u>	
29					
30					

Line No. Description	(a)	(b)	(c)	(d)
	Purchases Mcf	MMbtu	Rate \$/Mcf	Total \$
1 Texas Gas Area				
2 No Notice Service	1,504,202	1,530,198	5.0132	7,540,818
3 Firm Transportation	1,230,711	1,251,981	5.0010	6,154,736
4 No Notice Storage	694,217	706,215	6.5228	4,528,251
5 Total Texas Gas Area	<u>3,429,130</u>	<u>3,488,394</u>	<u>5.3144</u>	<u>18,223,805</u>
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	516,535	547,789	5.2515	2,712,606
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	277,251	294,027	6.6938	1,855,869
13	<u>793,786</u>	<u>841,816</u>	<u>5.7553</u>	<u>4,568,475</u>
14 Trunkline Gas Area				
15 Firm Transportation	174,484	177,500	4.9755	868,153
16				
17 Company Owned Storage				
18 Withdrawals	1,290,204	1,312,502	6.4120	8,272,789
19 Injections	0	0	0.0000	0
20 Net WKG Storage	1,290,204	1,312,502	6.4120	8,272,789
21				
22				
23 Local Production	14,765	15,658	4.8190	71,153
24				
25				
26				
27 Total Commodity Purchases	<u>5,702,369</u>	<u>5,835,870</u>	<u>5.6125</u>	<u>32,004,375</u>
28				
29 Lost & Unaccounted for @ 1.72%	98,081	100,377		
30				
31 Total Deliveries	<u>5,604,288</u>	<u>5,735,493</u>	<u>5.7107</u>	<u>32,004,375</u>
32				
33				
34				
35 Total Expected Commodity Cost	<u>5,604,288</u>	<u>5,735,493</u>	<u>5.7107</u>	<u>32,004,375</u>
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	16,851,020
2	Transportation	0
3	Total Mcf Billed Demand Charges	<u>16,851,020</u>
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>46,167</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)	0.1476
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending April - 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 February 2023 through April 2023 during the period December 12 through December 23, 2022.

		Feb-23 (\$/MMBTU)	Mar-23 (\$/MMBTU)	Apr-23 (\$/MMBTU)
Monday	12/12/22	6.416	5.785	5.096
Tuesday	12/13/22	6.733	6.071	5.354
Wednesday	12/14/22	6.220	5.620	5.129
Thursday	12/15/22	6.589	5.820	5.279
Friday	12/16/22	6.303	5.602	5.153
Monday	12/19/22	5.710	5.253	4.896
Tuesday	12/20/22	5.216	4.820	4.565
Wednesday	12/21/22	5.238	4.815	4.537
Thursday	12/22/22	4.928	4.433	4.171
Friday	12/23/22	4.980	4.419	4.147
Average		<u>\$5.833</u>	<u>\$5.264</u>	<u>\$4.833</u>

- B. The Company believes prices are decreasing and prices for the quarter ending April 30, 2023 will settle at \$4.819 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 - 2023

	<u>February-23</u>			<u>March-23</u>			<u>April-23</u>			<u>Total</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>	<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-22	303,019	\$3,027,407.88	\$2,775,831.24	\$251,576.64	\$0.00	\$251,576.64
2							
3	September-22	528,464	\$5,016,054.19	\$3,624,985.37	\$1,391,068.82	\$0.00	\$1,391,068.82
4							
5	October-22	895,463	<u>\$7,418,946.73</u>	<u>\$5,466,087.44</u>	<u>\$1,952,859.29</u>	<u>\$0.00</u>	<u>\$1,952,859.29</u>
6							
7							
8	Under/(Over) Recovery		<u>\$15,462,408.80</u>	<u>\$11,866,904.05</u>	<u>\$3,595,504.75</u>	<u>\$0.00</u>	<u>\$3,595,504.75</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,793,201.73</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through July 2022 (August 2022 GL)					14,686,348.15	
14	Total Gas Cost Under/(Over) Recovery for the three months ended October 2022					3,595,504.75	
15	Recovery from outstanding Correction Factor (CF)					(1,070,179.59)	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectible Gas Cost as of November, 2021					291,376.25	
18	(Over)/Under Recovered Gas Cost through October 2022 (November 2022 GL) (a)					<u>\$17,503,049.56</u>	
19	Divided By: Total Expected Customer Sales (b)					16,851,020	Mcf
20							
21	Correction Factor - Part 1					\$1.0387	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2022 (c)					1,324,473.15	
25	Divided By: Total Expected Customer Sales (b)					16,851,020	
26							
27	Correction Factor - Part 2					<u>\$0.0786</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through October 2022 (November 2022 GL) incl. Net Uncol Gas Cost					<u>\$18,827,522.71</u>	
31	Divided By: Total Expected Customer Sales (b)					16,851,020	
32							
33	Correction Factor - Total (CF)					<u><u>\$1.1173</u></u>	/ Mcf
34							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended October 2022
2022-00418

Line No.	Description	GL Unit	September-22	October-22	November-22
			(a)	(b)	(c)
			Month		
			August-22	September-22	October-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	1,595,041	1,705,325	2,007,313
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	1,843
14	Injections	Mcf	(712,785)	(695,260)	(706,551)
15	Producers	Mcf	5,768	4,182	5,708
16	Third Party Reimbursements	Mcf	(209)	(210)	(40)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(584,796)	(485,573)	(412,810)
19	Total Supply	Mcf	303,019	528,464	895,463
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	303,019	528,464	895,463

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 2022
2022-00418

		GL	September-22	October-22	November-22
			(a)	(b)	(c)
			Month		
Line No.	Description	Unit	August-22	September-22	October-22
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,287,838	1,253,828	1,695,697
4	Tennessee Gas Pipeline ¹	\$	188,885	189,450	209,983
5	Trunkline Gas Company ¹	\$	7,317	7,079	7,335
6	ANR ¹	\$	15,817	15,817	15,817
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	1,499,857	1,466,174	1,928,832
9	Total Other Suppliers	\$	14,267,123	15,906,838	12,669,748
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	14,498
17	Injections	\$	(6,303,559)	(6,382,170)	(4,738,511)
18	Producers	\$	48,822	33,117	31,335
19	Third Party Reimbursements	\$	(1,689)	(1,773)	(376)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances ²	\$	(6,631,099)	(6,154,086)	(2,634,533)
22	Sub-Total	\$	3,027,408	5,016,054	7,418,947
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	<u>3,027,407.88</u>	<u>5,016,054.19</u>	<u>7,418,946.73</u>

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

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

Atmos Energy Corporation
 Detail Sheet for Supply Volumes & Costs
 Traditional and Other Pipelines

Description	(a)		(b)		(c)		(d)		(e)		(f)	
	September-22		October-22		November-22		September-22		October-22		November-22	
	August-22		September-22		October-22		September-22		October-22		November-22	
	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 Atmos Energy Marketing, LLC												
9 Engage												
10 ERI												
11 Prepaid												
12 Reservation												
13 Hedging Costs - All Zones												
14												
15 Total	1,381,507	\$12,054,696	1,447,299	\$13,426,176	1,659,063	\$10,502,247						
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	213,721	\$1,949,139	228,111	\$2,211,133	286,013	\$1,973,468						
27												
28												
29 Trunkline Gas Company												
30 Atmos Energy Marketing, LLC												
31 Engage												
32 Prepaid												
33 Reservation												
34 Fuel Adjustment												
35												
36 Total	0	\$263,452	30,164	\$270,088	62,338	\$193,081						
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	(187)	(\$164)	(249)	(\$559)	(101)	\$952						
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	\$0	0	\$0	0	\$0						
59												
60												
61 All Zones												
62 Total	1,595,041	\$14,267,123	1,705,325	\$15,906,838	2,007,313	\$12,669,748						
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, 2022

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-21	(\$124,027.45)	(\$198,623.98)	(\$16,240.63)	(\$338,892.06)	\$8,859.71	\$9,303.90	\$115,167.74	\$115,167.74
2	Jan-22	(\$96,521.14)	(\$187,328.10)	(\$12,704.00)	(\$296,553.24)	\$7,205.55	\$7,855.70	\$89,315.59	\$204,483.33
3	Feb-22	(\$65,206.26)	(\$156,740.73)	(\$8,981.12)	(\$230,928.11)	\$13,093.24	\$14,103.76	\$52,113.02	\$256,596.35
4	Mar-22	(\$146,693.11)	(\$274,731.60)	(\$19,588.11)	(\$441,012.82)	\$8,833.32	\$6,277.66	\$137,859.79	\$394,456.14
5	Apr-22	(\$99,054.92)	(\$221,336.48)	(\$13,675.17)	(\$334,066.57)	\$5,661.55	\$6,051.81	\$93,393.37	\$487,849.51
6	May-22	(\$33,955.44)	(\$66,449.41)	(\$4,127.12)	(\$104,531.97)	\$4,498.85	\$5,511.62	\$29,456.59	\$517,306.10
7	Jun-22	(\$67,594.32)	(\$110,122.59)	(\$7,600.18)	(\$185,317.09)	\$3,749.56	\$5,034.32	\$63,844.76	\$581,150.86
8	Jul-22	(\$260,818.95)	(\$132,863.57)	(\$28,401.59)	(\$422,084.11)	\$3,852.01	\$5,522.18	\$256,966.94	\$838,117.80
9	Aug-22	(\$120,411.01)	(\$172,463.27)	(\$11,538.30)	(\$304,412.58)	\$3,243.00	\$5,121.86	\$117,168.01	\$955,285.81
10	Sep-22	(\$141,859.57)	(\$165,127.67)	(\$13,941.07)	(\$320,928.31)	\$7,047.24	\$8,279.66	\$134,812.33	\$1,090,098.14
11	Oct-22	(\$87,716.00)	(\$105,008.48)	(\$8,307.82)	(\$201,032.30)	\$17,389.03	\$18,076.00	\$70,326.97	\$1,160,425.11
12	Nov-22	(\$194,743.58)	(\$237,584.65)	(\$19,494.49)	(\$451,822.72)	\$30,695.54	\$21,835.68	\$164,048.04	\$1,324,473.15

Atmos Energy Corporation
Performance Based Rate Recovery Factor
2022-00418
(PBRRF)

Exhibit E

Line No.	Amounts Reported:	AMOUNT
1	Company Share of 6/21-10/22 PBR Activity	\$ 4,690,892.07
2	Carry-over Amount in Case No. 2021-00453	(\$724,383.64)
3		-
4	Total	<u>\$ 3,966,508.43</u>
5		
6		
7	Total	\$ 3,966,508.43
8	Less: Amount related to specific end users	0.00
9	Amount to flow-through	<u>\$ 3,966,508.43</u>
10		
11		
12		
13	Allocation	Total
14		
15	Company share of PBR activity	\$ 3,966,508.43
16		
17	PBR Calculation	
18		
19	Demand Allocator - All	
20	(See Exh. B, p. 6, line 10)	0.1476
21	Demand Allocator - Firm	
22	(1 - Demand Allocator - All)	0.8524
23	Firm Volumes (normalized)	
24	(See Exh. B, p. 6, col. (a), line 19)	16,571,768
25	All Volumes (excluding Transportation)	
26	(See Exh. B, p. 6, col. (b), line 28)	16,851,020
27		
28		
29	Total Firm Sales Factor (Line 15 / Line 26)	\$ 0.2354 / MCF
30		
31	Total Interruptible Sales Factor (Line 26)	\$ 0.2354 / MCF

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

PBR
Workpaper 1

Company Share of 11/19-10/20 PBR Activity
Carry-over Amount in Case No. 2020-00403

3,278,565.76
(1,011,930.69)

Total

2,266,635.07

Line No.	Month	Sales	PBRRF	PBR Recoveries	PBR Recovery Adjustments	Total PBR Recoveries	Balance
	(a)	(b)	(c)	(d)	(e)	(d) + (e) = (f)	Prior (g) - (f) = (g)
1							
2	Balance Forward (from above)						\$ 2,266,635.07
3	Feb-21	3,389,655	\$0.1807	\$612,510.66	\$1,263.13	613,773.79	1,652,861.28
4	Mar-21	2,766,915	0.1807	499,981.54	(\$763.23)	499,218.31	1,153,642.97
5	Apr-21	1,390,161	0.1807	251,202.09	(\$461.17)	250,740.92	902,902.05
6	May-21	763,455	0.1807	137,956.32	(\$498.10)	137,458.22	765,443.83
7	Jun-21	503,319	0.1807	90,949.74	(\$121.47)	90,828.27	674,615.56
8	Jul-21	390,293	0.1807	70,525.95	(\$182.19)	70,343.76	604,271.80
9	Aug-21	344,052	0.1807	62,170.20	(\$152.46)	62,017.74	542,254.06
10	Sep-21	470,438	0.1807	85,008.15	(\$72.17)	84,935.98	457,318.08
11	Oct-21	498,181	0.1807	90,021.31	(\$70.12)	89,951.19	367,366.89
12	Nov-21	1,096,894	0.1807	198,208.66	(\$44.19)	198,164.47	169,202.42
13	Dec-21	2,174,092	0.1807	392,858.41	(\$222.29)	392,636.12	(223,433.70)
14	Jan-22	2,775,180	0.1807	501,475.03	(\$525.09)	500,949.94	(724,383.64)
15							
16	Total	16,562,634		\$2,992,868.06	(\$1,849.35)	\$2,991,018.71	(\$724,383.64)