

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2023-00095

NOTICE

QUARTERLY FILING

For The Period

May 01, 2023 - July 31, 2023

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

March 30, 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
810 Crescent Centre Drive, Suite 600
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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-Sixth Revised Sheet No. 4, Forty-Fifth Revised Sheet No. 5, and Forty-Sixth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective May 01, 2023.

The Gas Cost Adjustment (GCA) for firm sales service is \$4.3226 per Mcf and \$3.2237 per Mcf for interruptible sales service. The supporting calculations for the Forty-Fifth 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. 2022-00418, 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 May 01, 2023 through July 31, 2023 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$3.8415 per Mcf for the quarter of May 01, 2023 through July 31, 2023 as compared to \$6.998 per Mcf used

for the period of February 02, 2023 through April 30, 2023. The G-2 Expected Commodity Gas Cost will be approximately \$2.7426 for the quarter May 01, 2023 through July 31, 2023 as compared to \$5.898 for the period of February 02, 2023 through April 30, 2023.

3. The Company's notice sets out a new Correction Factor of \$0.2457 per Mcf which will remain in effect until at least July 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 January 31, 2023 (February 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). Also included in the Correction Factor in Exhibit D, Page 1 of 6 is the adjustment reflecting the over/under recovery of the commercial DSM approved in Case 2022-00343 for inclusion in the GCR effective May 1, 2023.

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-Fifth Revised Sheet No. 5; and Forty-Sixth 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 May 01, 2023.

DATED at Dallas, Texas this 30th day of March, 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. 2023-00095

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	@ 5.8709 per Mcf	@	1.5483 per Mcf	(R, -)
Next	14,700	¹ Mcf	@ 5.3988 per Mcf	@	1.0762 per Mcf	(R, -)
Over	15,000	Mcf	@ 5.2114 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	@ 4.1794 per Mcf	@	0.9557 per Mcf	(R, -)
Over	15,000	Mcf	@ 4.0074 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 March 30, 2023
MONTH / DATE / YEAR

DATE EFFECTIVE May 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 2023-00095 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***

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FORTY-FIFTH REVISED SHEET NO. 5

CANCELLING

FORTY-FOURTH REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2023-00095

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)	3.8415	2.7426	(R, R)
CF (Correction Factor)	0.2457	0.2457	(R, R)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.2354</u>	<u>0.2354</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$4.3226</u></u>	<u><u>\$3.2237</u></u>	(R, R)

DATE OF ISSUE March 30, 2023
MONTH / DATE / YEAR

DATE EFFECTIVE May 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 2023-00095 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-SIXTH REVISED SHEET NO. 6

CANCELLING

FORTY-FIFTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Transportation

Case No. 2023-00095

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.

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MONTH / DATE / YEAR

DATE EFFECTIVE May 1, 2023
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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 2023-00095 DATED XXXX

Line No.	Description	Case No.		Difference
		2022-00418	2023-00095	
		\$/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	5.7107	2.5555	(3.1552)
11	Demand	1.2873	1.2860	(0.0013)
12	Total EGC	6.9980	3.8415	(3.1565)
13	CF (Correction Factor)	1.1173	0.2457	(0.8716)
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.2354	0.2354	0.0000
16	GCA (Gas Cost Adjustment)	8.3507	4.3226	(4.0281)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	9.8990	5.8709	(4.0281)
20	Next 14,700 Mcf	9.4269	5.3988	(4.0281)
21	Over 15,000 Mcf	9.2395	5.2114	(4.0281)
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	5.7107	2.5555	(3.1552)
33	Demand	0.1873	0.1871	(0.0002)
34	Total EGC	5.8980	2.7426	(3.1554)
35	CF (Correction Factor)	1.1173	0.2457	(0.8716)
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.2354	0.2354	0.0000
38	GCA (Gas Cost Adjustment)	7.2507	3.2237	(4.0270)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	8.2064	4.1794	(4.0270)
42	Over 14,700 Mcf	8.0344	4.0074	(4.0270)

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2022-00418	2023-00095	
		\$/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>42</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>				2,352,596		
2	Indexed Gas Cost					2.3600	5,552,128
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	115,277
4	Fuel and Loss Retention @	Section 4.18.1	1.32%			0.0316	74,342
5						<u>2.4406</u>	<u>5,741,747</u>
6							
7	<u>Firm Transportation</u>				1,924,852		
8	Indexed Gas Cost					2.3600	4,542,650
9	Base (Weighted on MDQs)					0.0439	84,501
10	ACA	Section 4.1 - FT				0.0015	2,887
11	Fuel and Loss Retention @	Section 4.18.1	1.08%			0.0258	49,661
12						<u>2.4312</u>	<u>4,679,699</u>
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				0	5.1130	0
16	Injections				(1,486,168)	2.3600	(3,507,356)
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	(72,822)
18	Fuel and Loss Retention @	Section 4.18.1	1.32%			0.0316	(46,963)
19					(1,486,168)	<u>2.4406</u>	<u>(3,627,141)</u>
20							
21							
22	Total Purchases in Texas Area				<u>2,791,280</u>	<u>2.4341</u>	<u>6,794,305</u>
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			<u>59,454,604</u>	<u>100.0%</u>		<u>\$ 0.0439</u>
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			<u>319,000</u>	<u>100.00%</u>		<u>\$ 0.0174</u>

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

Line No.	Description	(a) Tariff Sheet No.	(b)	(c) Purchases		(e) Rate	(f) Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>				690,528		
2	Indexed Gas Cost					2.3600	1,629,646
3	Base Commodity (Weighted on MDQs)					0.0174	12,028
4	ACA	24				0.0015	1,036
5	Fuel and Loss Retention	32	2.31%			0.0558	38,531
6							
7						2.4347	1,681,241
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					2.3600	0
10	Base Rate	26				0.7368	0
11	ACA	24				0.0015	0
12	Fuel and Loss Retention	32	2.31%			0.0558	0
13							
14						3.1541	0
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				0	5.1130	-
17	FT-A & FT-G Market Area Injections				(508,208)	2.3600	(1,199,371)
18	Withdrawal Rate	61				0.0087	0
19	Injection Rate	61				0.0087	(4,421)
20	Fuel and Loss Retention	61	1.81%			0.0002	(102)
21	Total				(508,208)	2.3689	(1,203,894)
22							
23							
24							
25	Total Tennessee Gas Zones				182,320	2.6182	477,347

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			92,000		
3	Indexed Gas Cost				2.3600	217,120
4	Base Commodity	13			0.0130	1,196
5	ACA	13			0.0015	138
6	Fuel and Loss Retention	13	0.96%		0.0205	1,886
7					<u>2.3950</u>	<u>220,340</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	0.1476	\$3,153,267	16,851,020	0.1871 0.1871
11	Firm	0.8524	18,210,331	16,571,768	1.0989
12	Total	<u>1.0000</u>	<u>\$21,363,598</u>		<u>1.2860 0.1871</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	1.2860
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	279,252	279,252		1.2860 0.1871
24					
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					

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	2,318,917	2,352,596	2.4760	5,741,747
3 Firm Transportation	1,897,296	1,924,852	2.4665	4,679,699
4 No Notice Storage	(1,464,892)	(1,486,168)	2.4760	(3,627,141)
5 Total Texas Gas Area	2,751,321	2,791,280	2.4695	6,794,305
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	649,638	690,528	2.5880	1,681,241
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	(478,114)	(508,208)	2.5178	(1,203,792)
12 Withdrawals	0	0	0.0000	(102)
13	171,524	182,320	2.7830	477,347
14 Trunkline Gas Area				
15 Firm Transportation	90,683	92,000	2.4298	220,340
16				
17 Company Owned Storage				
18 Withdrawals	0	0	0.0000	0
19 Injections	(1,091,188)	(1,107,036)	2.4406	(2,663,153)
20 Net WKG Storage	(1,091,188)	(1,107,036)	2.4406	(2,663,153)
21				
22				
23 Local Production	4,907	5,216	2.3601	11,581
24				
25				
26				
27 Total Commodity Purchases	1,927,247	1,963,780	2.5116	4,840,420
28				
29 Lost & Unaccounted for @	33,149	33,777		
30				
31 Total Deliveries	1,894,098	1,930,003	2.5555	4,840,420
32				
33				
34				
35 Total Expected Commodity Cost	1,894,098	1,930,003	2.5555	4,840,420
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 July - 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 May 2023 through July 2023 during the period March 15 through March 28, 2023.

		May-23 (\$/MMBTU)	Jun-23 (\$/MMBTU)	Jul-23 (\$/MMBTU)
Wednesday	03/15/23	2.546	2.759	2.958
Thursday	03/16/23	2.626	2.837	3.029
Friday	03/17/23	2.446	2.662	2.861
Monday	03/20/23	2.331	2.556	2.772
Tuesday	03/21/23	2.485	2.721	2.957
Wednesday	03/22/23	2.307	2.547	2.801
Thursday	03/23/23	2.283	2.528	2.793
Friday	03/24/23	2.361	2.598	2.861
Monday	03/27/23	2.215	2.458	2.726
Tuesday	03/28/23	2.147	2.386	2.659
Average		<u>\$2.375</u>	<u>\$2.605</u>	<u>\$2.842</u>

- B. The Company believes prices are decreasing and prices for the quarter ending July 31, 2023 will settle at \$2.360 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 July - 2023

	May-23			June-23			July-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)

Market

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	November-22	2,047,310	\$12,564,575.95	\$8,907,902.75	\$3,656,673.20	\$0.00	\$3,656,673.20
2							
3	December-22	3,095,761	\$19,447,348.79	\$20,094,856.51	(\$647,507.72)	\$0.00	(\$647,507.72)
4							
5	January-23	2,840,251	<u>\$14,506,011.56</u>	<u>\$26,291,232.88</u>	<u>(\$11,785,221.32)</u>	<u>\$0.00</u>	<u>(\$11,785,221.32)</u>
6							
7							
8	Under/(Over) Recovery		<u>\$46,517,936.30</u>	<u>\$55,293,992.14</u>	<u>(\$8,776,055.84)</u>	<u>\$0.00</u>	<u>(\$8,776,055.84)</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,479,120.74</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through October 2022 (November 2022 GL)					17,503,049.56	
14	Total Gas Cost Under/(Over) Recovery for the three months ended January 2023					(8,776,055.84)	
15	Recovery from outstanding Correction Factor (CF)					(5,900,961.25)	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectible Gas Cost as of November, 2021						
18	(Over)/Under Recovered Commercial DSM*					<u>(9,817.39)</u>	
19	(Over)/Under Recovered Gas Cost through January 2023 (February 2023 GL) (a)					<u>\$2,816,215.08</u>	
20	Divided By: Total Expected Customer Sales (b)					16,851,020	Mcf
21							
22	Correction Factor - Part 1					<u>\$0.1671</u>	/ Mcf
23							
24	<u>Correction Factor - Part 2</u>						
25	Net Uncollectible Gas Cost through November 2022 (c)					1,324,473.15	
26	Divided By: Total Expected Customer Sales (b)					16,851,020	
27							
28	Correction Factor - Part 2					<u>\$0.0786</u>	/ Mcf
29							
30	<u>Correction Factor - Total (CF)</u>						
31	Total Deferred Balance through January 2023 (February 2023 GL) incl. Net Uncol Gas Cost					<u>\$4,140,688.23</u>	
32	Divided By: Total Expected Customer Sales (b)					16,851,020	
33							
34	Correction Factor - Total (CF)					<u>\$0.2457</u>	/ Mcf

* The (over)/under recovery Commercial DSM balance is included in the GCA pursuant to the Commission order issued in Case 2022-00343 dated 02/23/2023

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended January 2023
2023-00095

Line No.	Description	GL Unit	December-22	January-23	February-23
			(a)	(b)	(c)
			Month		
			November-22	December-22	January-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	980,082	1,764,123	1,333,618
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	657,610	843,941	771,088
14	Injections	Mcf	(34,659)	(17,812)	(3,828)
15	Producers	Mcf	1,776	1,798	1,642
16	Third Party Reimbursements	Mcf	(232)	(435)	(132)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	442,733	504,146	737,862
19	Total Supply	Mcf	2,047,310	3,095,761	2,840,251
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	2,047,310	3,095,761	2,840,251

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 January 2023
2023-00095

Line No.	Description	GL Unit	December-22	January-23	February-23
			(a)	(b) Month	(c)
			November-22	December-22	January-23
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,756,858	1,850,404	1,844,946
4	Tennessee Gas Pipeline ¹	\$	382,871	396,068	394,372
5	Trunkline Gas Company ¹	\$	33,244	34,716	34,094
6	ANR ¹	\$	15,817	15,817	15,817
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	2,188,790	2,297,006	2,289,228
9	Total Other Suppliers	\$	5,032,149	11,555,479	6,131,597
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	\$	4,188,050	5,298,848	4,946,005
17	Injections	\$	(199,712)	(122,205)	(18,975)
18	Producers	\$	8,653	10,510	6,069
19	Third Party Reimbursements	\$	(2,127)	(4,164)	(1,266)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances ²	\$	1,200,818	263,921	1,005,400
22	Sub-Total	\$	12,564,576	19,447,349	14,506,012
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	12,564,575.95	19,447,348.79	14,506,011.56

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)	
	December-22		November-22		January-23		December-22		February-23		January-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 Atmos Energy Marketing, LLC												
9 Engage												
10 ERI												
11 Prepaid												
12 Reservation												
13 Hedging Costs - All Zones												
14												
15 Total	782,160	\$3,962,780	1,448,924	\$9,427,865	1,158,222	\$5,283,610						
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	108,140	\$628,720	195,634	\$1,347,921	97,861	\$480,980						
27												
28												
29 Trunkline Gas Company												
30 Atmos Energy Marketing, LLC												
31 Engage												
32 Prepaid												
33 Reservation												
34 Fuel Adjustment												
35												
36 Total	89,683	\$439,246	119,427	\$776,489	77,535	\$367,006						
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	99	\$1,404	138	\$3,204	0	\$0						
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	980,082	\$5,032,149	1,764,123	\$11,555,479	1,333,618	\$6,131,597						
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