

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

In the Matter of:

GAS COST ADJUSTMENT )  
FILING OF )  
ATMOS ENERGY CORPORATION )

Case No. 2024-00060

NOTICE

QUARTERLY FILING

For The Period

May 01, 2024 - July 31, 2024

Attorney for Applicant

Mark R. Hutchinson  
611 Frederica Street  
Owensboro, Kentucky 42301

March 28, 2024

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

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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 Fiftieth Revised Sheet No. 4, Forty-Ninth Revised Sheet No. 5, and Fiftieth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective May 01, 2024.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.2274 per Mcf and \$2.0657 per Mcf for interruptible sales service. The supporting calculations for the Forty-Ninth Revised Sheet No. 5 are provided in the following Exhibits:

Exhibit A – Comparison of Current and Previous Gas Cost Adjustment (GCA) Cases

Exhibit B – Expected Gas Cost (EGC) Calculation

Exhibit C - Rates used in the Expected Gas Cost (EGC)

Exhibit D – Correction Factor (CF) Calculation

Exhibit E – Performance Based Rate Recovery Factor (PBRRF) Calculation

Since the Company's last GCA filing, Case No. 2023-00414, 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, 2024 through July 31, 2024 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$3.581 per Mcf for the quarter of May 01, 2024 through July 31, 2024 as compared to \$4.2412 per Mcf used

for the period of February 01, 2024 through April 30, 2024. The G-2 Expected Commodity Gas Cost will be approximately \$2.4193 for the quarter May 01, 2024 through July 31, 2024 as compared to \$3.114 for the period of February 01, 2024 through April 30, 2024.

3. The Company's notice sets out a new Correction Factor of (\$0.5216) per Mcf which will remain in effect until at least July 31, 2024.
4. The Refund Factor of (\$0.0000) per Mcf will remain in effect until the refund has been completed.

The GCA tariff as approved in Case No. 92-558 provides for a Correction Factor (CF) which compensates for the difference between the expected gas cost and the actual gas cost for prior periods. A revision to the GCA tariff effective December 1, 2001, Filing No. T62-1253, provides that the Correction Factor be filed on a quarterly basis. In Case No. 2013-00148, effective January 24, 2014, the Company's GCA tariff allows recovery of any gas cost which is uncollectible, to be included in each February GCA filing.

The Company is filing its updated Correction Factor that is based upon the balance in the Company's 1910 Account as of January 31, 2024 (February 2024 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-Ninth Revised Sheet No. 5; and Fiftieth 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, 2024.

DATED at Dallas, Texas this 28th day of March, 2024.

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. 2024-00060**

**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 Mcf**<sup>2</sup>

First	300	<sup>1</sup> Mcf
Next	14,700	<sup>1</sup> Mcf
Over	15,000	Mcf

**Sales (G-1)\***

@	4.7757	per Mcf	@
@	4.3036	per Mcf	@
@	4.1162	per Mcf	@

**Transportation (T-4)**

1.5483	per Mcf	(R, -)
1.0762	per Mcf	(R, -)
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 Mcf**<sup>2</sup>

First	15,000	<sup>1</sup> Mcf
Over	15,000	Mcf

**Sales (G-2)\***

@	3.0214	per Mcf	@
@	2.8494	per Mcf	@

**Transportation (T-3)**

0.9557	per Mcf	(R, -)
0.7837	per Mcf	(R, -)

<sup>1</sup> 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.

<sup>2</sup> DSM, PRP and R&D Riders may also apply, where applicable.

DATE OF ISSUE March 28, 2024  
MONTH / DATE / YEAR

DATE EFFECTIVE May 1, 2024  
MONTH / DATE / YEAR

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

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
IN CASE NO 2024-00060 DATED XXXX

**FOR ENTIRE SERVICE AREA**

**P.S.C. KY NO. 2**

**FORTY-NINTH REVISED SHEET NO. 5**

**CANCELLING**

**FORTY-EIGHTH REVISED SHEET NO. 5**

**ATMOS ENERGY CORPORATION**

NAME OF UTILITY

**Current Gas Cost Adjustments**

**Case No. 2024-00060**

**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)	3.5810	2.4193	(R, R)
CF (Correction Factor)	(0.5216)	(0.5216)	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1680</u>	<u>0.1680</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$3.2274</u></u>	<u><u>\$2.0657</u></u>	(R, R)

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TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
IN CASE NO 2024-00060 DATED XXXX

**ATMOS ENERGY CORPORATION**

NAME OF UTILITY

**Current Transportation**

**Case No. 2024-00060**

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

**System Lost and Unaccounted gas percentage:**

2.14%

				<u>Simple Margin</u>			<u>Non- Commodity</u>			<u>Gross Margin</u>	
<b><u>Transportation Service</u><sup>1</sup></b>											
<b><u>Firm Service (T-4)</u></b>											
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		(-)
<b><u>Interruptible Service (T-3)</u></b>											
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		(-)

<sup>1</sup> Excludes standby sales service.

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MONTH / DATE / YEAR

DATE EFFECTIVE May 1, 2024  
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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 2024-00060 DATED XXXX



Line No.	Description	Case No.		Difference
		(a) 2023-00414 \$/Mcf	(b) 2024-00060 \$/Mcf	
1	<b><u>G - 1</u></b>			
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	2.9260	2.2255	(0.7005)
11	Demand	1.3152	1.3555	0.0403
12	Total EGC	4.2412	3.5810	(0.6602)
13	CF (Correction Factor)	(0.8800)	(0.5216)	0.3584
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1680	0.1680	0.0000
16	GCA (Gas Cost Adjustment)	3.5292	3.2274	(0.3018)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	5.0775	4.7757	(0.3018)
20	Next 14,700 Mcf	4.6054	4.3036	(0.3018)
21	Over 15,000 Mcf	4.4180	4.1162	(0.3018)
22				
23				
24	<b><u>G - 2</u></b>			
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	2.9260	2.2255	(0.7005)
33	Demand	0.1880	0.1938	0.0058
34	Total EGC	3.1140	2.4193	(0.6947)
35	CF (Correction Factor)	(0.8800)	(0.5216)	0.3584
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1680	0.1680	0.0000
38	GCA (Gas Cost Adjustment)	2.4020	2.0657	(0.3363)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	3.3577	3.0214	(0.3363)
42	Over 14,700 Mcf	3.1857	2.8494	(0.3363)

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2023-00414	2024-00060	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<b><u>T -4 Transportation Service / Firm Service (High Priority)</u></b>			
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	<b><u>T - 3 / Interruptible Service (Low Priority)</u></b>			
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	<b><u>SL to Zone 2</u></b>					
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	<b><u>SL to Zone 3</u></b>					
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		0.2494	1,502,012	1,502,012
13						
14	FT Contract #	34380	3,650,000			
15	Base Rate	Section 4.1 - FT		0.2494	910,310	910,310
16						
17	Total SL to Zone 3		<u>37,430,188</u>		<u>12,246,871</u>	<u>12,246,871</u>
18						
19	<b><u>Zone 1 to Zone 3</u></b>					
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	<b><u>SL to Zone 4</u></b>					
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		0.3142	573,415	573,415
34						
38	Total SL to Zone 4		<u>5,145,769</u>		<u>1,964,817</u>	<u>1,964,817</u>
39						
40	<b><u>Zone 2 to Zone 4</u></b>					
41	FT Contract #	54299	2,555,000			
42	Base Rate	Section 4.1 - FT		0.1050	268,275	268,275
43						
44	Total Zone 2 to Zone 4		<u>2,555,000</u>		<u>268,275</u>	<u>268,275</u>
45						
46	<b><u>Zone 3 to Zone 3</u></b>					
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		12,246,871	12,246,871
54	Total Zone 1 to Zone 3		323,400		106,140	106,140
55	Total SL to Zone 4		5,145,769		1,964,817	1,964,817
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>18,561,352</u>	<u>18,561,352</u>
60						
61						
62	Total Texas Gas Area Non-Commodity				<u>18,561,352</u>	<u>18,561,352</u>

Line No.	Description	(a)	(b)	(c)	(d) (e) Non-Commodity	
		Tariff Sheet No.	Annual Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
1	<b>0 to Zone 2</b>					
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	<b>1 to Zone 2</b>					
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	<b>Gas Storage</b>					
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	<u>10,846,308</u>	0.0173	<u>187,641</u>	<u>187,641</u>
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.	(a) Description	(b) Tariff Sheet No.	(c) Purchases Mcf	(d) Purchases MMbtu	(e) Rate \$/MMbtu	(f) Total \$
1	<u>No Notice Service</u>			2,423,901		
2	Indexed Gas Cost				2.0180	4,891,431
3	Commodity (Zone 3)	Section 4.4 - NNS			0.0490	118,771
4	Fuel and Loss Retention @	Section 4.18.1	1.05%		0.0214	51,871
5					2.0884	5,062,073
6						
7	<u>Firm Transportation</u>			1,983,191		
8	Indexed Gas Cost				2.0180	4,002,080
9	Base (Weighted on MDQs)				0.0439	87,062
10	ACA	Section 4.1 - FT			0.0014	2,776
11	Fuel and Loss Retention @	Section 4.18.1	0.91%		0.0185	36,689
12					2.0818	4,128,607
13	<u>No Notice Storage</u>					
14	Net (Injections)/Withdrawals					
15	Withdrawals			0	3.2540	0
16	Injections			(1,555,412)	2.0180	(3,138,821)
17	Commodity (Zone 3)	Section 4.4 - NNS			0.0490	(76,215)
18	Fuel and Loss Retention @	Section 4.18.1	1.05%		0.0214	(33,286)
19				(1,555,412)	2.0884	(3,248,322)
20						
21						
22	Total Purchases in Texas Area			2,851,680	2.0838	5,942,358
23						
24						
25	Used to allocate transportation non-commodity					
26						
27			Annualized		Commodity	
28			MDQs in		Charge	Weighted
29	<u>Texas Gas</u>		MMbtu	Allocation	\$/MMbtu	Average
30	SL to Zone 2	Section 4.1 - FT	12,175,247	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	Tariff Sheet No.	(a)	(b)	(c)	Purchases		Rate	Total
						Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>						707,347		
2	Indexed Gas Cost							2.0180	1,427,426
3	Base Commodity (Weighted on MDQs)							0.0174	12,321
4	ACA	24						0.0014	990
5	Fuel and Loss Retention	32	1.78%					0.0366	25,889
6								2.0734	1,466,626
7									
8	<u>FT-GS</u>						0		
9	Indexed Gas Cost							2.0180	0
10	Base Rate	26						0.7221	0
11	ACA	24						0.0014	0
12	Fuel and Loss Retention	32	1.78%					0.0366	0
13								2.7781	0
14									
15	<u>Gas Storage</u>								
16	FT-A & FT-G Market Area Withdrawals						0	3.2540	-
17	FT-A & FT-G Market Area Injections						(500,480)	2.0180	(1,009,969)
18	Withdrawal Rate	61						0.0087	0
19	Injection Rate	61						0.0087	(4,354)
20	Fuel and Loss Retention	61	1.29%					0.0001	(50)
21	Total						(500,480)	2.0268	(1,014,373)
22									
23									
24									
25	Total Tennessee Gas Zones						206,867	2.1862	452,253

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				2.0180	185,656
4	Base Commodity	13			0.0130	1,196
5	ACA	13			0.0014	129
6	Fuel and Loss Retention	13	1.33%		0.0251	2,309
7					<u>2.0575</u>	<u>189,290</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	\$	\$
<b>Injections</b>						
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	\$18,561,352			
3	Midwestern	0			
4	Tennessee Gas Pipeline	3,247,299			
5	Trunkline Gas Company	208,297			
6	Total	<u>\$22,016,948</u>			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1452	\$3,196,861	16,499,844	0.1938 0.1938
11	Firm	0.8548	18,820,087	16,200,546	1.1617
12	Total	<u>1.0000</u>	<u>\$22,016,948</u>		<u>1.3555 0.1938</u>
13					
14			Volumetric Basis for		
15	Annualized	Monthly Demand Charge			
16	Mcf @14.65	All	Firm		
17	<u>Firm Service</u>				
18	Sales:				
19	G-1	16,200,546	16,200,546	16,200,546	1.3555
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	299,297	299,297		1.3555 0.1938
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	32,198,871			
27					
28		<u>48,698,714</u>	<u>16,499,844</u>	<u>16,200,546</u>	
29					
30					



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

	(a)	(b)	(c)	(d)
<b>Line</b>				
<b>No. Description</b>	<b>Purchases</b>		<b>Rate</b>	<b>Total</b>
	Mcf	MMbtu	\$/Mcf	\$
<b>1 Texas Gas Area</b>				
2 No Notice Service	2,368,551	2,423,901	2.1372	5,062,073
3 Firm Transportation	1,937,906	1,983,191	2.1304	4,128,607
4 No Notice Storage	(1,519,894)	(1,555,412)	2.1372	(3,248,322)
5 Total Texas Gas Area	<u>2,786,563</u>	<u>2,851,680</u>	<u>2.1325</u>	<u>5,942,358</u>
6				
<b>7 Tennessee Gas Area</b>				
8 FT-A and FT-G	668,240	707,347	2.1948	1,466,626
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	(472,810)	(500,480)	2.1453	(1,014,323)
12 Withdrawals	0	0	0.0000	(50)
13	<u>195,430</u>	<u>206,867</u>	<u>2.3141</u>	<u>452,253</u>
<b>14 Trunkline Gas Area</b>				
15 Firm Transportation	89,899	92,000	2.1056	189,290
16				
<b>17 Company Owned Storage</b>				
18 Withdrawals	0	0	0.0000	0
19 Injections	(1,193,052)	(1,220,932)	2.0884	(2,491,570)
20 Net WKG Storage	(1,193,052)	(1,220,932)	2.0884	(2,491,570)
21				
22				
23 Local Production	2,592	2,744	2.0181	5,231
24				
25				
26				
27 Total Commodity Purchases	<u>1,881,432</u>	<u>1,932,359</u>	<u>2.1779</u>	<u>4,097,562</u>
28				
29 Lost & Unaccounted for @	40,262	41,352		
30				
31 Total Deliveries	<u>1,841,170</u>	<u>1,891,007</u>	<u>2.2255</u>	<u>4,097,562</u>
32				
33				
34				
35 Total Expected Commodity Cost	<u><u>1,841,170</u></u>	<u><u>1,891,007</u></u>	<u><u>2.2255</u></u>	<u><u>4,097,562</u></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	16,499,844
2	Transportation	0
3	Total Mcf Billed Demand Charges	<u>16,499,844</u>
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>45,205</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>311,262</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	<b>0.1452</b>
13		

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

The projected commodity price was provided by the Gas Supply Department and was based upon the following:

- A. The Gas Supply Department reviewed the NYMEX futures close prices for the quarter of May 2024 through July 2024 during the period March 12 through March 25, 2024.

		May-24 (\$/MMBTU)	Jun-24 (\$/MMBTU)	Jul-24 (\$/MMBTU)
Tuesday	03/12/24	1.823	2.083	2.391
Wednesday	03/13/24	1.784	2.055	2.382
Thursday	03/14/24	1.862	2.213	2.449
Friday	03/15/24	1.789	2.038	2.370
Monday	03/18/24	1.833	2.089	2.420
Tuesday	03/19/24	1.876	2.109	2.423
Wednesday	03/20/24	1.845	2.074	2.387
Thursday	03/21/24	1.831	2.055	2.359
Friday	03/22/24	1.812	2.032	2.337
Monday	03/25/24	1.789	2.016	2.337
Average		<u>\$1.824</u>	<u>\$2.076</u>	<u>\$2.386</u>

- B. The Company believes prices are increasing and prices for the quarter ending July 31, 2024 will settle at \$2.018 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 - 2024

Note: Filed under Petition of Confidentiality

	<u>May-24</u>			<u>June-24</u>			<u>July-24</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	November-23	1,716,278	\$6,857,144.55	\$5,090,369.10	\$1,766,775.45	\$0.00	\$1,766,775.45
2							
3	December-23	2,528,631	\$8,676,793.84	\$9,762,321.25	(\$1,085,527.41)	\$0.00	(\$1,085,527.41)
4							
5	January-24	3,991,429	<u>\$13,579,545.50</u>	<u>\$16,054,177.83</u>	<u>(\$2,474,632.33)</u>	<u>\$0.00</u>	<u>(\$2,474,632.33)</u>
6							
7							
8	Under/(Over) Recovery		<u>\$29,113,483.89</u>	<u>\$30,906,868.18</u>	<u>(\$1,793,384.29)</u>	<u>\$0.00</u>	<u>(\$1,793,384.29)</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,672,209.98</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through October 2023 (November 2023 GL)					(15,591,048.35)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended January 2024					(1,793,384.29)	
15	Recovery from outstanding Correction Factor (CF)					7,706,810.07	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectible Gas Cost as of November, 2022					0.00	
18	(Over)/Under Recovered Gas Cost through January 2024 (February 2024 GL) (a)					<u>(\$9,677,622.57)</u>	
19	Divided By: Total Expected Customer Sales (b)					16,499,844	Mcf
20							
21	Correction Factor - Part 1					<u>(\$0.5865)</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2023 (c)					1,070,546.01	
25	Divided By: Total Expected Customer Sales (b)					16,499,844	
26							
27	Correction Factor - Part 2					<u>\$0.0649</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through January 2024 (February 2024 GL) incl. Net Uncol Gas Cost					<u>(\$8,607,076.56)</u>	
31	Divided By: Total Expected Customer Sales (b)					16,499,844	
32							
33	<b>Correction Factor - Total (CF)</b>					<u><u>(\$0.5216)</u></u>	/ Mcf

**Atmos Energy Corporation**  
Recoverable Gas Cost Calculation  
For the Three Months Ended January 2024  
2024-00060

Line No.	Description	GL Unit	December-23	January-24	February-24
			(a)	(b)	(c)
			Month		
			November-23	December-23	January-24
1	<b>Supply Volume</b>				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	Mcf	0	0	0
4	Tennessee Gas Pipeline <sup>1</sup>	Mcf	0	0	0
5	Trunkline Gas Company <sup>1</sup>	Mcf	0	0	0
6	Midwestern Pipeline <sup>1</sup>	Mcf	0	0	0
7	<b>Total Pipeline Supply</b>	Mcf	0	0	0
8	Total Other Suppliers	Mcf	976,742	1,267,160	1,824,488
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	520,503	597,224	1,162,736
14	Injections	Mcf	(24,493)	(4,556)	(3,155)
15	Producers	Mcf	1,670	942	132
16	Third Party Reimbursements	Mcf	(110)	(230)	(202)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances <sup>2</sup>	Mcf	241,967	668,092	1,007,430
19	<b>Total Supply</b>	Mcf	1,716,278	2,528,631	3,991,429
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	<b>Total Purchases</b>	Mcf	1,716,278	2,528,631	3,991,429

<sup>1</sup> Includes settlement of historical imbalances and prepaid items.

<sup>2</sup> 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 2024  
2024-00060

Line No.	Description	GL Unit	December-23	January-24	February-24
			(a)	(b)	(c)
			Month		
			November-23	December-23	January-24
1	<b>Supply Cost</b>				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	\$	1,795,325	395,847	1,931,572
4	Tennessee Gas Pipeline <sup>1</sup>	\$	399,391	1,904,403	421,011
5	Trunkline Gas Company <sup>1</sup>	\$	42,818	43,679	44,453
6	ANR <sup>1</sup>	\$	15,840	15,840	15,840
7	Twin Eagle Resource Management	\$	0	0	0
8	<b>Total Pipeline Supply</b>	\$	2,253,374	2,359,770	2,412,875
9	Total Other Suppliers	\$	2,483,985	2,891,261	5,627,148
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	\$	1,872,669	2,057,298	4,173,242
17	Injections	\$	(72,623)	(11,970)	(10,539)
18	Producers	\$	4,526	2,336	423
19	Third Party Reimbursements	\$	(371)	(854)	(721)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances <sup>2</sup>	\$	167,630	1,230,999	1,229,164
22	<b>Sub-Total</b>	\$	6,857,145	8,676,794	13,579,546
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	<b>Total Recoverable Gas Cost</b>	\$	<u>6,857,144.55</u>	<u>8,676,793.84</u>	<u>13,579,545.50</u>

<sup>1</sup> Includes demand charges, cost of settlement of historical imbalances and prepaid items.

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

**Atmos Energy Corporation**  
Recovery from Correction Factors (CF)  
For the Three Months Ended January 2024  
2024-00060

Exhibit D  
Page 4 of 6

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	November-23	G-1 Sales	1,044,757.99	(\$1.2142)	(\$1,268,545.15)	\$0.0000	\$0.00	\$0.2354	\$245,936.03	\$4.8500	\$5,067,076.24	\$4,044,467.12
2		G-2 Sales	856.14	(\$1.2142)	(1,039.52)	\$0.0000	0.00	\$0.2354	201.53	\$3.7520	3,212.22	\$2,374.23
6		Sub Total	1,045,614.124		(\$1,269,584.67)		\$0.00		\$246,137.56		\$5,070,288.46	\$4,046,841.35
7		Timing: Cycle Billing and PPA's	0.000		101.97		0.00		3,567.52		20,080.64	\$23,750.13
8		Total	1,045,614.124		(\$1,269,482.70)		\$0.00		\$249,705.08		\$5,090,369.10	\$4,070,591.48
9												\$3,820,886.40
10												
11	December-23	G-1 Sales	2,000,641.34	(\$1.2142)	(\$2,429,178.72)	\$0.0000	\$0.00	\$0.2354	\$470,950.97	\$4.8500	\$9,703,110.50	\$7,744,882.75
12		G-2 Sales	1,503.93	(\$1.2142)	(1,826.07)	\$0.0000	0.00	\$0.2354	354.03	\$3.7520	5,642.75	\$4,170.71
16		Sub Total	2,002,145.272		(\$2,431,004.79)		\$0.00		\$471,305.00		\$9,708,753.25	\$7,749,053.46
17		Timing: Cycle Billing and PPA's	0.000		(67.30)		0.00		5,144.79		53,568.00	\$58,645.49
18		Total	2,002,145.272		(\$2,431,072.09)		\$0.00		\$476,449.79		\$9,762,321.25	\$7,807,698.95
19												\$7,331,249.16
20												
21	January-24	G-1 Sales	3,297,239.18	(\$1.2142)	(\$4,003,507.82)	\$0.0000	\$0.00	\$0.2354	\$776,170.10	\$4.8500	\$15,991,610.04	\$12,764,272.32
22		G-2 Sales	2,242.31	(\$1.2142)	(2,722.62)	\$0.0000	0.00	\$0.2354	527.84	\$3.7520	8,413.16	\$6,218.38
26		Sub Total	3,299,481.496		(\$4,006,230.44)		\$0.00		\$776,697.94		\$16,000,023.20	\$12,770,490.70
27		Timing: Cycle Billing and PPA's	0.000		(24.84)		0.00		4,987.87		54,154.63	\$59,117.66
28		Total	3,299,481.496		(\$4,006,255.28)		\$0.00		\$781,685.81		\$16,054,177.83	\$12,829,608.36
29												\$12,047,922.55
30												
31		Total Recovery from Correction Factor (CF)			<u>(\$7,706,810.07)</u>							
32		Total Amount Refunded through the Refund Factor (RF)					<u>\$0.00</u>					
33		Total Recovery from Performance Based Rate Recovery Factor (PBRRF)							<u>\$1,507,840.68</u>			
34		Total Recoveries from Expected Gas Cost (EGC) Factor									<u>\$30,906,868.18</u>	
35		Total Recoveries from Gas Cost Adjustment Factor (GCA)										<u>\$24,707,898.79</u>
36												
37												<u>\$23,200,058.11</u>

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.



GL Description	(a) December-23		(c) January-24		(e) February-24	
	(b) November-23		(d) December-23		(f) January-24	
	MCF	Cost	MCF	Cost	MCF	Cost
<b>1 Texas Gas Pipeline Area</b>						
2 LG&E Natural						
3 Texaco Gas Marketing						
4 CMS						
5 WESCO						
6 Southern Energy Company						
7 Union Pacific Fuels						
8 Symmetry Energy Solutions (SES)						
9 Engage						
10 ERI						
11 Prepaid						
12 Reservation						
13 Hedging Costs - All Zones						
14						
15 <b>Total</b>	764,955	\$1,934,044	1,095,409	\$2,482,282	1,501,613	\$4,460,883
16						
17						
<b>18 Tennessee Gas Pipeline Area</b>						
19 Chevron Natural Gas, Inc.						
20 United Energy Trading (UET)						
21 WESCO						
22 Prepaid						
23 Reservation						
24 Fuel Adjustment						
25						
26 <b>Total</b>	104,246	\$291,773	75,330	\$202,272	177,704	\$567,544
27						
28						
<b>29 Trunkline Gas Company</b>						
30 Symmetry Energy Solutions (SES)						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 <b>Total</b>	91,701	\$226,275	76,452	\$169,844	130,848	\$573,042
37						
38						
<b>39 Midwestern Pipeline</b>						
40 Symmetry Energy Solutions (SES)						
41 Midwestern Gas Transmission						
42 Anadarko						
43 Prepaid						
44 Reservation						
45 Fuel Adjustment						
46						
47 <b>Total</b>	(1,030)	(\$666)	611	\$3,262	315	\$2,176
48						
49						
<b>50 ANR Pipeline</b>						
51 Symmetry Energy Solutions (SES)						
52 LG&E Natural						
53 Anadarko						
54 Prepaid						
55 Reservation						
56 Fuel Adjustment						
57						
58 <b>Total</b>	0	\$0	0	\$0	0	\$0
59						
60						
<b>61 Benson Valley - RNG</b>						
62 Mercuria						
63 LG&E Natural						
64 Anadarko						
65 Prepaid						
66 Reservation						
67 Fuel Adjustment						
68						
69 <b>Total</b>	16,870	\$32,559	19,358	\$33,602	14,008	\$23,503
70						
71						
72						
<b>All Zones</b>						
Total	976,742	\$2,483,985	1,267,160	\$2,891,261	1,824,488	\$5,627,148

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

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