

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2022-00086

NOTICE

QUARTERLY FILING

For The Period

May 01, 2022 - July 31, 2022

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

March 31, 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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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-First Revised Sheet No. 4, Forty-First Revised Sheet No. 5, and Forty-First Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective May 01, 2022.

The Gas Cost Adjustment (GCA) for firm sales service is \$7.4881 per Mcf and \$6.3399 per Mcf for interruptible sales service. The supporting calculations for the Forty-First 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. 2021-00453, 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, 2022 through July 31, 2022 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$6.7086 per Mcf for the quarter of May 01, 2022 through July 31, 2022 as compared to \$5.3477 per Mcf used

for the period of February 01, 2022 through April 30, 2022. The G-2 Expected Commodity Gas Cost will be approximately \$5.5604 for the quarter May 01, 2022 through July 31, 2022 as compared to \$4.0363 for the period of February 01, 2022 through April 30, 2022.

3. The Company's notice sets out a new Correction Factor of \$0.6364 per Mcf which will remain in effect until at least July 31, 2022.
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, 2022 (February 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-First Revised Sheet No. 5; and Forty-First 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, 2022.

DATED at Dallas, Texas this 31st day of March, 2022.

ATMOS ENERGY CORPORATION

By: /s/ Christina Vo
Christina Vo
Sr. Rate Administration Analyst
Atmos Energy Corporation

ATMOS ENERGY CORPORATION
NAME OF UTILITY

Current Rate Summary
Case No. 2022-00086

Firm Service

Base Charge:

Residential (G-1)	-	\$19.30	per meter per month	(-)
Non-Residential (G-1)	-	51.75	per meter per month	(-)
Transportation (T-4)	-	435.00	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	@	8.8736 per Mcf	@	1.3855 per Mcf	(l, -)
Next	14,700 ¹ Mcf	@	8.4459 per Mcf	@	0.9578 per Mcf	(l, -)
Over	15,000 Mcf	@	8.2532 per Mcf	@	0.7651 per Mcf	(l, -)

Interruptible Service

Base Charge

Sales (G-2)	-	435.00	per delivery point per month	(-)
Transportation (T-3)	-	435.00	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	@	7.1726 per Mcf	@	0.8327 per Mcf	(l, -)
Over	15,000 Mcf	@	6.9786 per Mcf	@	0.6387 per Mcf	(l, -)

¹ All gas consumed by the customer (sales, transportation; firm and interruptible) will be considered for the purpose of determining whether the volume requirement of 15,000 Mcf has been achieved.

² DSM, PRP and R&D Riders may also apply, where applicable.

DATE OF ISSUE March 31, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE May 1, 2022
MONTH / DATE / YEAR

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

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2022-00086 DATED XXXX

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2022-00086

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)	6.7086	5.5604	(I, I)
CF (Correction Factor)	0.6364	0.6364	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1431</u>	<u>0.1431</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$7.4881</u></u>	<u><u>\$6.3399</u></u>	(I, I)

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TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2022-00086 DATED XXXX

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FORTY-FIRST REVISED SHEET NO. 6

CANCELLING

FORTIETH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Transportation

Case No. 2022-00086

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

System Lost and Unaccounted gas percentage:

1.60%

				<u>Simple Margin</u>		<u>Non- Commodity</u>		<u>Gross Margin</u>			
<u>Transportation Service ¹</u>											
<u>Firm Service (T-4)</u>											
First	300	Mcf	@	\$1.3855	+	<u>0</u>	=	\$1.3855	per Mcf	(-)	
Next	14,700	Mcf	@	0.9578	+	<u>0</u>	=	0.9578	per Mcf	(-)	
All over	15,000	Mcf	@	0.7651	+	<u>0</u>	=	0.7651	per Mcf	(-)	
<u>Interruptible Service (T-3)</u>											
First	15,000	Mcf	@	\$0.8327	+	\$0.0000	=	\$0.8327	per Mcf	(-)	
All over	15,000	Mcf	@	0.6387	+	0.0000	=	0.6387	per Mcf	(-)	

¹ Excludes standby sales service.

DATE OF ISSUE March 31, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE May 1, 2022
MONTH / DATE / YEAR

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

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2022-00086 DATED XXXX

Line No.	Description	Case No.		Difference
		(a) 2021-00453	(b) 2022-00086	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2018-00281)</u>			
4	First 300 Mcf	1.3855	1.3855	0.0000
5	Next 14,700 Mcf	0.9578	0.9578	0.0000
6	Over 15,000 Mcf	0.7651	0.7651	0.0000
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	3.8201	5.3711	1.5510
11	Demand	1.5276	1.3375	(0.1901)
12	Total EGC	5.3477	6.7086	1.3609
13	CF (Correction Factor)	0.2644	0.6364	0.3720
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1431	0.1431	0.0000
16	GCA (Gas Cost Adjustment)	5.7552	7.4881	1.7329
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	7.1407	8.8736	1.7329
20	Next 14,700 Mcf	6.7130	8.4459	1.7329
21	Over 15,000 Mcf	6.5203	8.2532	1.7329
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2018-00281)</u>			
27	First 15,000 Mcf	0.8327	0.8327	0.0000
28	Over 15,000 Mcf	0.6387	0.6387	0.0000
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	3.8201	5.3711	1.5510
33	Demand	0.2162	0.1893	(0.0269)
34	Total EGC	4.0363	5.5604	1.5241
35	CF (Correction Factor)	0.2644	0.6364	0.3720
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1431	0.1431	0.0000
38	GCA (Gas Cost Adjustment)	4.4438	6.3399	1.8961
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	5.2765	7.1726	1.8961
42	Over 14,700 Mcf	5.0825	6.9786	1.8961

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2021-00453	2022-00086	
		\$/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	1.3855	1.3855	0.0000
5	Next 14,700 Mcf	0.9578	0.9578	0.0000
6	Over 15,000 Mcf	0.7651	0.7651	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	0.8327	0.8327	0.0000
13	Over 15,000 Mcf	0.6387	0.6387	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 #	39041	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>

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		8.2125	246,375	246,375
13						
14	Total Zone 1 to 2		<u>30,000</u>		<u>246,375</u>	<u>246,375</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>3,392,926</u>	<u>3,392,926</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>				2,360,629		
2	Indexed Gas Cost					4.9850	11,767,734
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	115,671
4	Fuel and Loss Retention @	Section 4.18.1	1.23%			0.0621	146,595
5						5.0961	12,030,000
6							
7	<u>Firm Transportation</u>				1,931,423		
8	Indexed Gas Cost					4.9850	9,628,146
9	Base (Weighted on MDQs)					0.0439	84,789
10	ACA	Section 4.1 - FT				0.0012	2,318
11	Fuel and Loss Retention @	Section 4.18.1	1.06%			0.0534	103,138
12						5.0835	9,818,391
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				0	3.5330	0
16	Injections				(1,436,580)	4.9850	(7,161,351)
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	(70,392)
18	Fuel and Loss Retention @	Section 4.18.1	1.23%			0.0621	(89,212)
19					(1,436,580)	5.0961	(7,320,955)
20							
21							
22	Total Purchases in Texas Area				2,855,472	5.0876	14,527,436
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%	\$0.0167	\$ 0.0151
40	1 to Zone 2	24		30,000	9.40%	0.0087	0.0008
41	Total			319,000	100.00%		\$ 0.0159

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

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)	(d) Purchases	(e) Rate	(f) Total
1	<u>FT-A and FT-G</u>				693,634		
2	Indexed Gas Cost					4.9850	3,457,765
3	Base Commodity (Weighted on MDQs)					0.0159	11,062
4	ACA	24				0.0012	832
5	Fuel and Loss Retention	32	1.96%			0.0997	69,155
6						5.1018	3,538,814
7							
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					4.9850	0
10	Base Rate	26				0.7453	0
11	ACA	24				0.0012	0
12	Fuel and Loss Retention	32	1.96%			0.0997	0
13						5.8312	0
14							
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				0	3.5330	-
17	FT-A & FT-G Market Area Injections				(510,784)	4.9850	(2,546,258)
18	Withdrawal Rate	61				0.0087	0
19	Injection Rate	61				0.0087	(4,444)
20	Fuel and Loss Retention	61	1.62%			0.0001	(51)
21	Total				(510,784)	4.9938	(2,550,753)
22							
23							
24							
25	Total Tennessee Gas Zones				182,850	5.4037	988,061

Commodity						
	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Tariff Sheet No.	Purchases		Rate	Total
			Mcf	MMbtu	\$/MMbtu	\$
1	Firm Transportation					
2	Expected Volumes			92,000		
3	Indexed Gas Cost				4.9850	458,620
4	Base Commodity	13			0.0130	1,196
5	ACA	13			0.0012	110
6	Fuel and Loss Retention	13	1.42%		0.0667	6,136
7					5.0659	466,062
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	3,392,926			
5	Trunkline Gas Company	208,297			
6	Total	<u>\$21,509,225</u>			
7					
8					
9	<u>Demand Cost Allocation:</u>	Factors	Allocated Demand	Related Volumes	Monthly Demand Charge
10	All	0.1434	\$3,084,423	16,292,447	Firm 0.1893
11	Firm	0.8566	18,424,802	16,047,087	Interruptible 0.1893
12	Total	<u>1.0000</u>	<u>\$21,509,225</u>		<u>1.3375</u> <u>0.1893</u>
13					
14					
15		Annualized	Volumetric Basis for		
16		Mcf @14.65	Monthly	Demand Charge	
17	<u>Firm Service</u>		All	Firm	
18	Sales:				
19	G-1	16,047,087	16,047,087	16,047,087	1.3375
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	245,359	245,359		1.3375 0.1893
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	31,126,320			
27					
28		<u>47,418,767</u>	<u>16,292,447</u>	<u>16,047,087</u>	
29					
30					

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

	(a)	(b)	(c)	(d)
Line No. Description	Purchases		Rate	Total
	Mcf	MMbtu	\$/Mcf	\$
1 Texas Gas Area				
2 No Notice Service	2,314,796	2,360,629	5.1970	12,030,000
3 Firm Transportation	1,893,924	1,931,423	5.1842	9,818,391
4 No Notice Storage	(1,408,688)	(1,436,580)	5.1970	(7,320,955)
5 Total Texas Gas Area	<u>2,800,032</u>	<u>2,855,472</u>	5.1883	<u>14,527,436</u>
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	654,681	693,634	5.4054	3,538,814
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	(482,099)	(510,784)	5.2908	(2,550,702)
12 Withdrawals	0	0	0.0000	(51)
13	<u>172,582</u>	<u>182,850</u>	5.7252	<u>988,061</u>
14 Trunkline Gas Area				
15 Firm Transportation	90,214	92,000	5.1662	466,062
16				
17 Company Owned Storage				
18 Withdrawals	0	0	0.0000	0
19 Injections	(1,090,053)	(1,111,636)	5.0961	(5,555,019)
20 Net WKG Storage	(1,090,053)	(1,111,636)	5.0961	(5,555,019)
21				
22				
23 Local Production	591	626	4.9848	2,946
24				
25				
26				
27 Total Commodity Purchases	<u>1,973,366</u>	<u>2,019,312</u>	5.2851	<u>10,429,485</u>
28				
29 Lost & Unaccounted for @ 1.60%	31,574	32,309		
30				
31 Total Deliveries	<u>1,941,792</u>	<u>1,987,003</u>	5.3711	<u>10,429,485</u>
32				
33				
34				
35 Total Expected Commodity Cost	<u>1,941,792</u>	<u>1,987,003</u>	5.3711	<u>10,429,485</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	16,292,447
2	Transportation	<u>0</u>
3	Total Mcf Billed Demand Charges	16,292,447
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>44,637</u></u>
6		
7	<u>Peak Day Sales and Transportation Volume</u>	
8	Estimated total company firm requirements for 5 degree average	
9	temperature days from Peak Day Book - with adjustments per rate filing	<u><u>311,340</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1434
13		

Atmos Energy Corporation
 Basis for Indexed Gas Cost
 For the Quarter ending July - 2022

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 2022 through July 2022 during the period March 15 through March 28, 2022.

		May-22 <u>(\$/MMBTU)</u>	Jun-22 <u>(\$/MMBTU)</u>	Jul-22 <u>(\$/MMBTU)</u>
Tuesday	03/15/22	4.617	4.670	4.727
Wednesday	03/16/22	4.784	4.829	4.880
Thursday	03/17/22	5.021	5.063	5.111
Friday	03/18/22	4.902	4.946	4.997
Monday	03/21/22	4.934	4.975	5.025
Tuesday	03/22/22	5.227	5.268	5.316
Wednesday	03/23/22	5.274	5.316	5.366
Thursday	03/24/22	5.446	5.487	5.538
Friday	03/25/22	5.611	5.651	5.701
Monday	03/28/22	5.538	5.582	5.636
Average		<u>\$5.135</u>	<u>\$5.179</u>	<u>\$5.230</u>

- B. The Company believes prices are increasing and prices for the quarter ending July 31, 2022 will settle at \$4.985 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 - 2022

	<u>May-22</u>			<u>June-22</u>			<u>July-22</u>			<u>Total</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)

Storage

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-21	2,156,721	\$11,963,412.27	\$6,641,192.51	\$5,322,219.76	\$0.00	\$5,322,219.76
2							
3	December-21	1,921,684	\$10,778,690.40	\$13,237,753.84	(\$2,459,063.44)	\$0.00	(\$2,459,063.44)
4							
5	January-22	4,160,872	<u>\$19,018,249.22</u>	<u>\$16,893,320.30</u>	<u>\$2,124,928.92</u>	<u>\$0.00</u>	<u>\$2,124,928.92</u>
6							
7							
8	Under/(Over) Recovery		<u>\$41,760,351.89</u>	<u>\$36,772,266.65</u>	<u>\$4,988,085.24</u>	<u>\$0.00</u>	<u>\$4,988,085.24</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$0.00</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through October 2021 (November 2021 GL)					4,016,070.16	
14	Total Gas Cost Under/(Over) Recovery for the three months ended January 2022					4,988,085.24	
15	Recovery from outstanding Correction Factor (CF)					1,073,210.97	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectible Gas Cost as of November, 2020					0.00	
18	(Over)/Under Recovered Gas Cost through January 2022 (February 2022 GL) (a)					<u>\$10,077,366.37</u>	
19	Divided By: Total Expected Customer Sales (b)					16,292,447	Mcf
20							
21	Correction Factor - Part 1					\$0.6185	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2021 (c)					291,376.25	
25	Divided By: Total Expected Customer Sales (b)					16,292,447	
26							
27	Correction Factor - Part 2					\$0.0179	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through January 2022 (February 2022 GL) incl. Net Uncol Gas Cost					<u>\$10,368,742.62</u>	
31	Divided By: Total Expected Customer Sales (b)					16,292,447	
32							
33	Correction Factor - Total (CF)					\$0.6364	/ Mcf
34							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended January 2022
2022-00086

Line No.	Description	GL Unit	December-21	January-22	February-22
			(a)	(b) Month	(c)
			November-21	December-21	January-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	1,118,057	988,922	1,718,393
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	677,426	609,400	1,506,510
14	Injections	Mcf	(8,906)	(17,773)	(2,371)
15	Producers	Mcf	1,339	1,085	(1,798)
16	Third Party Reimbursements	Mcf	(211)	(271)	(355)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	369,017	340,322	940,494
19	Total Supply	Mcf	2,156,721	1,921,684	4,160,872
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	2,156,721	1,921,684	4,160,872

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 2022
2022-00086

Line No.	Description	GL Unit	December-21	January-22	February-22
			(a)	(b) Month	(c)
			November-21	December-21	January-22
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,756,162	1,800,559	1,876,673
4	Tennessee Gas Pipeline ¹	\$	383,977	391,597	408,700
5	Trunkline Gas Company ¹	\$	33,223	34,078	34,084
6	ANR ¹	\$	15,817	15,817	15,817
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	2,189,179	2,242,051	2,335,273
9	Total Other Suppliers	\$	6,303,664	5,411,028	7,021,851
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	\$	2,281,094	1,997,640	5,098,804
17	Injections	\$	(50,757)	(101,211)	(10,234)
18	Producers	\$	7,409	4,663	3,311
19	Third Party Reimbursements	\$	(1,023)	(1,520)	(2,081)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances ²	\$	1,085,892	1,078,085	4,423,371
22	Sub-Total	\$	11,963,412	10,778,690	19,018,249
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	11,963,412.27	10,778,690.40	19,018,249.22

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

Recovery from Correction Factors (CF)
For the Three Months Ended January 2022
2022-00086

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	#REF!	G-1 Sales	1,074,504.599	(\$0.1782)	(\$191,476.72)	\$0.0000	\$0.00	\$0.1807	\$194,162.98	\$6.1085	\$6,563,611.34	\$6,566,297.60
2		G-2 Sales	11,929.119	(\$0.1782)	(2,125.77)	\$0.0000	0.00	\$0.1807	2,155.59	\$4.7916	57,159.57	\$57,189.39
6		Sub Total	1,086,433.718		(\$193,602.49)		\$0.00		\$196,318.57		\$6,620,770.91	\$6,623,486.99
7		Timing: Cycle Billing and PPA's	0.000		(3,062.72)		0.00		1,845.90		20,421.60	\$19,204.78
8		Total	1,086,433.718		(\$196,665.21)		\$0.00		\$198,164.47		\$6,641,192.51	\$6,642,691.77
9												\$6,444,527.30
10												
11	#REF!	G-1 Sales	2,148,523.911	(\$0.1782)	(\$382,866.96)	\$0.0000	\$0.00	\$0.1807	\$388,238.27	\$6.1085	\$13,124,258.31	\$13,129,629.62
12		G-2 Sales	14,214.136	(\$0.1782)	(2,532.96)	\$0.0000	0.00	\$0.1807	2,568.49	\$4.7916	68,108.46	\$68,143.99
16		Sub Total	2,162,738.047		(\$385,399.92)		\$0.00		\$390,806.76		\$13,192,366.77	\$13,197,773.61
17		Timing: Cycle Billing and PPA's	0.000		(253.36)		0.00		1,829.36		45,387.07	\$46,963.07
18		Total	2,162,738.047		(\$385,653.28)		\$0.00		\$392,636.12		\$13,237,753.84	\$13,244,736.68
19												\$12,852,100.56
20												
21	#REF!	G-1 Sales	2,743,611.421	(\$0.1782)	(\$488,911.56)	\$0.0000	\$0.00	\$0.1807	\$495,770.58	\$6.1085	\$16,759,350.37	\$16,766,209.39
22		G-2 Sales	10,949.663	(\$0.1782)	(1,951.23)	\$0.0000	0.00	\$0.1807	1,978.60	\$4.7916	52,466.41	\$52,493.78
26		Sub Total	2,754,561.085		(\$490,862.79)		\$0.00		\$497,749.18		\$16,811,816.78	\$16,818,703.17
27		Timing: Cycle Billing and PPA's	0.000		(29.69)		0.00		3,200.76		81,503.52	\$84,674.59
28		Total	2,754,561.085		(\$490,892.48)		\$0.00		\$500,949.94		\$16,893,320.30	\$16,903,377.76
29												\$16,402,427.82
30												
31		Total Recovery from Correction Factor (CF)			(\$1,073,210.97)							
32		Total Amount Refunded through the Refund Factor (RF)					\$0.00					
33		Total Recovery from Performance Based Rate Recovery Factor (PBRRF)							\$1,091,750.53			
34		Total Recoveries from Expected Gas Cost (EGC) Factor									\$36,772,266.65	
35		Total Recoveries from Gas Cost Adjustment Factor (GCA)										\$36,790,806.21
36												
37												\$35,699,055.68

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.

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

Description	(a)		(b)		(c)		(d)		(e)		(f)	
	December-21		November-21		January-22		December-21		February-22		January-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	907,821	\$5,043,194	754,094	\$4,077,678	1,520,037	\$6,187,563						
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	122,284	\$700,720	158,080	\$904,233	119,826	\$520,901						
27												
28												
29 Trunkline Gas Company												
30 Atmos Energy Marketing, LLC												
31 Engage												
32 Prepaid												
33 Reservation												
34 Fuel Adjustment												
35												
36 Total	88,544	\$558,868	76,246	\$423,693	77,275	\$314,637						
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	(592)	\$1,105	502	\$5,596	1,255	(\$1,108)						
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	(\$224)	0	(\$171)	0	(\$141)						
59												
60												
61 All Zones												
62 Total	1,118,057	\$6,303,664	988,922	\$5,411,028	1,718,393	\$7,021,851						
63												
64												
65												

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

Atmos Energy Corporation
Net Uncollectible Gas Cost
Twelve Months Ended November, 2021

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-20	(\$17,264.32)	(\$49,140.88)	(\$3,071.06)	(\$69,476.26)	\$9,592.70	\$10,276.12	\$7,671.62	\$7,671.62
2	Jan-21	(\$8,688.46)	(\$33,690.51)	(\$1,818.81)	(\$44,197.78)	\$8,736.55	\$7,388.01	(\$48.09)	\$7,623.53
3	Feb-21	(\$10,979.88)	(\$46,917.51)	(\$2,572.94)	(\$60,470.33)	\$7,996.70	\$7,524.41	\$2,983.18	\$10,606.71
4	Mar-21	(\$13,731.71)	(\$52,557.21)	(\$2,804.47)	(\$69,093.39)	\$10,671.96	\$9,690.64	\$3,059.75	\$13,666.46
5	Apr-21	(\$8,449.21)	(\$40,640.16)	(\$1,440.88)	(\$50,530.25)	\$6,716.84	\$7,588.63	\$1,732.37	\$15,398.83
6	May-21	(\$2,717.01)	(\$1,744.20)	(\$491.17)	(\$4,952.38)	\$3,992.10	\$5,413.75	(\$1,275.09)	\$14,123.74
7	Jun-21	(\$82,274.26)	(\$102,695.63)	(\$11,460.13)	(\$196,430.02)	\$4,424.85	\$5,330.33	\$77,849.41	\$91,973.15
8	Jul-21	(\$52,344.68)	(\$111,306.82)	(\$7,013.11)	(\$170,664.61)	\$3,870.46	\$2,849.24	\$48,474.22	\$140,447.37
9	Aug-21	(\$90,071.52)	(\$133,916.84)	(\$9,742.43)	(\$233,730.79)	\$6,307.56	\$4,889.72	\$83,763.96	\$224,211.33
10	Sep-21	(\$49,235.22)	(\$84,123.58)	(\$6,280.15)	(\$139,638.95)	\$5,824.79	\$6,020.94	\$43,410.43	\$267,621.76
11	Oct-21	(\$39,691.19)	(\$70,473.30)	(\$4,764.49)	(\$114,928.98)	\$35,273.77	\$16,893.51	\$4,417.42	\$272,039.18
12	Nov-21	(\$38,370.04)	(\$66,799.70)	(\$5,168.08)	(\$110,337.82)	\$19,032.97	\$16,739.69	\$19,337.07	\$291,376.25