

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2022-00188

NOTICE

QUARTERLY FILING

For The Period

August 01, 2022 - October 31, 2022

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

July 20, 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
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Atmos Energy Corporation
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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-Third Revised Sheet No. 4, Forty-Two Revised Sheet No. 5, and Forty-Third Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective August 01, 2022.

The Gas Cost Adjustment (GCA) for firm sales service is \$9.5607 per Mcf and \$8.4125 per Mcf for interruptible sales service. The supporting calculations for the Forty-Two 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. 2021-00214, 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 August 01, 2022 through October 31, 2022 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$8.6217 per Mcf for the quarter of August 01, 2022 through October 31, 2022 as compared to \$6.7086 per Mcf used

for the period of May 01, 2022 through July 31, 2022. The G-2 Expected Commodity Gas Cost will be approximately \$7.4735 for the quarter August 01, 2022 through October 31, 2022 as compared to \$5.5604 for the period of May 01, 2022 through July 31, 2022.

3. The Company's notice sets out a new Correction Factor of \$0.7959 per Mcf which will remain in effect until at least October 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 April 30, 2022 (May 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-Two Revised Sheet No. 5; and Forty-Third 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 August 01, 2022.

DATED at Dallas, Texas this 20th day of July, 2022.

ATMOS ENERGY CORPORATION

By: /s/ Patty Nelson

Patty Nelson

Supv Rate Administration

Atmos Energy Corporation

ATMOS ENERGY CORPORATION
NAME OF UTILITY

Current Rate Summary
Case No. 2022-00188

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	@ 11.1090	per Mcf	@	1.5483	per Mcf (l, -)
Next	14,700	¹ Mcf	@ 10.6369	per Mcf	@	1.0762	per Mcf (l, -)
Over	15,000	Mcf	@ 10.4495	per Mcf	@	0.8888	per Mcf (l, -)

Interruptible Service

Base Charge

Sales (G-2)	-	520.00	per delivery point per month	(-)
Transportation (T-3)	-	520.00	per delivery point per month	(-)
Transportation Administration Fee	-	50.00	per customer per meter	(-)

Rate per Mcf²

			<u>Sales (G-2)</u>			<u>Transportation (T-3)</u>	
First	15,000	¹ Mcf	@ 9.3682	per Mcf	@	0.9557	per Mcf (l, -)
Over	15,000	Mcf	@ 9.1962	per Mcf	@	0.7837	per Mcf (l, -)

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

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

DATE OF ISSUE July 20, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE August 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 2022-00188 DATED XXXX

ATMOS ENERGY CORPORATION

NAME OF UTILITY

Current Gas Cost Adjustments

Case No. 2022-00188

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)	8.6217	7.4735	(1, 1)
CF (Correction Factor)	0.7959	0.7959	(1, 1)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1431</u>	<u>0.1431</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$9.5607</u></u>	<u><u>\$8.4125</u></u>	(1, 1)

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TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2022-00188 DATED XXXX

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

FORTY-THIRD REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

FORTY-TWO REVISED SHEET NO. 6

Current Transportation

Case No. 2022-00188

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</u>¹									
<u>Firm Service (T-4)</u>									
First	300	Mcf	@	\$1.5483	+	<u>0</u>	=	\$1.5483	per Mcf (-)
Next	14,700	Mcf	@	1.0762	+	<u>0</u>	=	1.0762	per Mcf (-)
All over	15,000	Mcf	@	0.8888	+	<u>0</u>	=	0.8888	per Mcf (-)
<u>Interruptible Service (T-3)</u>									
First	15,000	Mcf	@	\$0.9557	+	\$0.0000	=	\$0.9557	per Mcf (-)
All over	15,000	Mcf	@	0.7837	+	0.0000	=	0.7837	per Mcf (-)

¹ Excludes standby sales service.

DATE OF ISSUE July 20, 2022
MONTH / DATE / YEAR

DATE EFFECTIVE August 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 2022-00188 DATED XXXX

Line No.	Description	Case No.		Difference
		(a) 2021-00214 \$/Mcf	(b) 2022-00188 \$/Mcf	
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2018-00281)</u>			
4	First 300 Mcf	1.5483	1.5483	0.0000
5	Next 14,700 Mcf	1.0762	1.0762	0.0000
6	Over 15,000 Mcf	0.8888	0.8888	0.0000
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	5.3711	7.2842	1.9131
11	Demand	1.3375	1.3375	0.0000
12	Total EGC	6.7086	8.6217	1.9131
13	CF (Correction Factor)	0.6364	0.7959	0.1595
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)	7.4881	9.5607	2.0726
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	9.0364	11.1090	2.0726
20	Next 14,700 Mcf	8.5643	10.6369	2.0726
21	Over 15,000 Mcf	8.3769	10.4495	2.0726
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2018-00281)</u>			
27	First 15,000 Mcf	0.9557	0.9557	0.0000
28	Over 15,000 Mcf	0.7837	0.7837	0.0000
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	5.3711	7.2842	1.9131
33	Demand	0.1893	0.1893	0.0000
34	Total EGC	5.5604	7.4735	1.9131
35	CF (Correction Factor)	0.6364	0.7959	0.1595
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)	6.3399	8.4125	2.0726
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	7.2956	9.3682	2.0726
42	Over 14,700 Mcf	7.1236	9.1962	2.0726

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2021-00214	2022-00188	
		\$/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 #	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>

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

Line No.	Description	(a)	(b)	(c)	(d) (e) Non-Commodity	
		Tariff Sheet No.	Annual Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
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>

Atmos Energy Corporation
 Expected Gas Cost (EGC) Calculation
 Texas Gas Transmission - Commodity Purchases

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)	(d)		(e)	(f)
					Mcf	MMbtu	Rate \$/MMbtu	Total \$
1	<u>No Notice Service</u>				2,549,612			
2	Indexed Gas Cost					6.6280	16,898,828	
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	124,931	
4	Fuel and Loss Retention @	Section 4.18.1	1.23%			0.0825	210,343	
5							17,234,102	
6								
7	<u>Firm Transportation</u>				2,086,046			
8	Indexed Gas Cost					6.6280	13,826,314	
9	Base (Weighted on MDQs)					0.0439	91,577	
10	ACA	Section 4.1 - FT				0.0012	2,503	
11	Fuel and Loss Retention @	Section 4.18.1	1.06%			0.0710	148,109	
12						6.7441	14,068,503	
13	<u>No Notice Storage</u>							
14	Net (Injections)/Withdrawals							
15	Withdrawals				0	4.7800	0	
16	Injections				(1,436,580)	6.6280	(9,521,652)	
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	(70,392)	
18	Fuel and Loss Retention @	Section 4.18.1	1.23%			0.0825	(118,518)	
19					(1,436,580)	6.7595	(9,710,562)	
20								
21								
22	Total Purchases in Texas Area				3,199,078	6.7495	21,592,043	
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%	\$0.0167	\$	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

	(a)	(b)	(c)	(d)	(e)	(f)	
Line No.	Description	Tariff Sheet No.		Purchases	Rate	Total	
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>				749,675		
2	Indexed Gas Cost					6.6280	4,968,846
3	Base Commodity (Weighted on MDQs)					0.0159	11,956
4	ACA	24				0.0012	900
5	Fuel and Loss Retention	32	2.31%			0.1567	117,474
6						6.8018	5,099,176
7							
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					6.6280	0
10	Base Rate	26				0.7453	0
11	ACA	24				0.0012	0
12	Fuel and Loss Retention	32	2.31%			0.1567	0
13						7.5312	0
14							
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				0	4.7800	-
17	FT-A & FT-G Market Area Injections				(510,784)	6.6280	(3,385,476)
18	Withdrawal Rate	61				0.0087	0
19	Injection Rate	61				0.0087	(4,444)
20	Fuel and Loss Retention	61	1.81%			0.0002	(102)
21	Total				(510,784)	6.6369	(3,390,022)
22							
23							
24							
25	Total Tennessee Gas Zones				238,891	7.1545	1,709,154

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	Firm Transportation					
2	Expected Volumes			92,000		
3	Indexed Gas Cost				6.6280	609,776
4	Base Commodity	13			0.0130	1,196
5	ACA	13			0.0012	110
6	Fuel and Loss Retention	13	1.28%		0.0791	7,277
7					6.7213	618,359
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		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1434	\$3,084,423	16,292,447	0.1893 0.1893
11	Firm	0.8566	18,424,802	16,047,087	1.1482
12	Total	<u>1.0000</u>	<u>\$21,509,225</u>		<u>1.3375 0.1893</u>
13					
14		Volumetric Basis for			
15		Annualized	Monthly Demand Charge		
16		Mcf @14.65	All Firm		
17	<u>Firm Service</u>				
18	Sales:				
19	G-1	16,047,087	16,047,087	16,047,087	1.3375
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	2,458,312	2,549,612	7.0105	17,234,102
3 Firm Transportation	2,011,346	2,086,046	6.9946	14,068,503
4 No Notice Storage	(1,385,137)	(1,436,580)	7.0105	(9,710,562)
5 Total Texas Gas Area	<u>3,084,521</u>	<u>3,199,078</u>	<u>7.0001</u>	<u>21,592,043</u>
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	704,745	749,675	7.2355	5,099,176
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	(480,172)	(510,784)	7.0598	(3,389,920)
12 Withdrawals	0	0	0.0000	(102)
13	<u>224,573</u>	<u>238,891</u>	<u>7.6107</u>	<u>1,709,154</u>
14 Trunkline Gas Area				
15 Firm Transportation	88,706	92,000	6.9709	618,359
16				
17 Company Owned Storage				
18 Withdrawals	0	0	0.0000	0
19 Injections	(1,071,829)	(1,111,636)	6.7595	(7,245,028)
20 Net WKG Storage	(1,071,829)	(1,111,636)	6.7595	(7,245,028)
21				
22				
23 Local Production	4,991	5,309	6.6279	33,080
24				
25				
26				
27 Total Commodity Purchases	<u>2,330,962</u>	<u>2,423,642</u>	<u>7.1677</u>	<u>16,707,607</u>
28				
29 Lost & Unaccounted for @				
30				
31 Total Deliveries	<u>2,293,667</u>	<u>2,384,864</u>	<u>7.2842</u>	<u>16,707,607</u>
32				
33				
34				
35 Total Expected Commodity Cost	<u>2,293,667</u>	<u>2,384,864</u>	<u>7.2842</u>	<u>16,707,607</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 October - 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 August 2022 through October 2022 during the period June 14 through June 28, 2022.

		Aug-22 (\$/MMBTU)	Sep-22 (\$/MMBTU)	Oct-22 (\$/MMBTU)
Tuesday	06/14/22	7.180	7.164	7.170
Wednesday	06/15/22	7.406	7.370	7.369
Thursday	06/16/22	7.438	7.393	7.383
Friday	06/17/22	6.906	6.861	6.850
Tuesday	06/21/22	6.783	6.743	6.735
Wednesday	06/22/22	6.872	6.835	6.826
Thursday	06/23/22	6.283	6.280	6.289
Friday	06/24/22	6.281	6.258	6.268
Monday	06/27/22	6.546	6.540	6.557
Tuesday	06/28/22	6.570	6.557	6.573
Average		\$6.827	\$6.800	\$6.802

- B. The Company believes prices are decreasing and prices for the quarter ending October 31, 2022 will settle at \$6.628 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 October - 2022

	August-22			September-22			October-22			Total		
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>
Texas Gas												
Trunkline												
Tennessee Gas												
TX Gas Storage												
TN Gas Storage												
WKG Storage												
Midwestern												

(This information has been filed under a Petition for Confidentiality)

WACOGs

Line No.	(a) Month	(b) Actual Purchased Volume (Mcf)	(c) Recoverable Gas Cost	(d) Actual GCA Recovered Gas Cost	(e) Under (Over) Recovery Amount	(f) Adjustments	(g) Total
1	February-22	2,993,819	\$16,528,196.64	\$16,348,175.01	\$180,021.63	\$0.00	\$180,021.63
2							
3	March-22	1,904,589	\$14,400,133.58	\$10,923,999.68	\$3,476,133.90	\$0.00	\$3,476,133.90
4							
5	April-22	1,239,444	<u>\$12,492,157.79</u>	<u>\$8,152,243.80</u>	<u>\$4,339,913.99</u>	<u>\$0.00</u>	<u>\$4,339,913.99</u>
6							
7							
8	Under/(Over) Recovery		<u>\$43,420,488.01</u>	<u>\$35,424,418.49</u>	<u>\$7,996,069.52</u>	<u>\$0.00</u>	<u>\$7,996,069.52</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$0.00</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through January 2022 (February 2022 GL)					10,077,366.37	
14	Total Gas Cost Under/(Over) Recovery for the three months ended April 2022					7,996,069.52	
15	Recovery from outstanding Correction Factor (CF)					(5,397,927.15)	
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 April 2022 (May 2022 GL) (a)					<u>\$12,675,508.74</u>	
19	Divided By: Total Expected Customer Sales (b)					16,292,447	Mcf
20							
21	Correction Factor - Part 1					<u>\$0.7780</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2021 (c)					291,376.25	
25	Divided By: Total Expected Customer Sales (b)					16,292,447	
26							
27	Correction Factor - Part 2					<u>\$0.0179</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through April 2022 (May 2022 GL) incl. Net Uncol Gas Cost					<u>\$12,966,884.99</u>	
31	Divided By: Total Expected Customer Sales (b)					16,292,447	
32							
33	Correction Factor - Total (CF)					<u><u>\$0.7959</u></u>	/ Mcf
34							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended April 2022
2022-00188

Line No.	Description	GL Unit	March-22	April-22	May-22
			(a)	(b)	(c)
			Month		
			February-22	March-22	April-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	622,856	195,840	2,210,166
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	1,415,378	858,464	17,244
14	Injections	Mcf	0	(17,025)	(536,168)
15	Producers	Mcf	3,398	940	971
16	Third Party Reimbursements	Mcf	(139)	(38)	(17)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	952,326	866,408	(452,753)
19	Total Supply	Mcf	2,993,819	1,904,589	1,239,444
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	2,993,819	1,904,589	1,239,444

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 April 2022
2022-00188

Line No.	Description	GL Unit	March-22	April-22	May-22
			(a)	(b)	(c)
			February-22	Month March-22	April-22
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,650,411	1,811,299	1,598,489
4	Tennessee Gas Pipeline ¹	\$	397,119	383,431	283,992
5	Trunkline Gas Company ¹	\$	30,303	33,327	7,043
6	ANR ¹	\$	15,817	15,817	15,817
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	2,093,650	2,243,875	1,905,341
9	Total Other Suppliers	\$	3,309,829	925,063	11,762,829
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	\$	4,755,957	2,898,245	72,242
17	Injections	\$	0	(81,969)	(2,831,734)
18	Producers	\$	4,264	4,255	5,722
19	Third Party Reimbursements	\$	(824)	(971)	(1,652)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances ²	\$	6,217,368	8,263,682	1,431,455
22	Sub-Total	\$	16,528,197	14,400,134	12,492,158
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	16,528,196.64	14,400,133.58	12,492,157.79

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 April 2022
2022-00188

Line No.	Month	Type of Sales	(a) Mcf Sold	(b) CF Rate	(c) CF Amounts	(d) RF Rate	(e) RF Amounts	(f) PBR Rate	(g) PBRRF Amounts	(h) EGC Rate	(i) EGC Recovery Amounts	(j) Total Recoveries
1	February-22	G-1 Sales	3,530,809.948	\$0.2644	\$933,546.15	\$0.0000	\$0.00	\$0.1431	\$505,258.90	\$5.3477	\$18,881,712.36	\$20,320,517.41
2		G-2 Sales	<u>8,939.762</u>	<u>\$0.2644</u>	<u>2,363.67</u>	<u>\$0.0000</u>	<u>0.00</u>	<u>\$0.1431</u>	<u>1,279.28</u>	<u>\$4.0363</u>	<u>36,083.56</u>	<u>\$39,726.51</u>
6		Sub Total	3,539,749.711		\$935,909.82		\$0.00		\$506,538.18		\$18,917,795.92	\$20,360,243.92
7		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>1,551,417.95</u>		<u>0.00</u>		<u>(127,988.67)</u>		<u>(2,569,620.91)</u>	<u>(\$1,146,191.63)</u>
8		Total	3,539,749.711		\$2,487,327.77		\$0.00		\$378,549.51		\$16,348,175.01	\$19,214,052.29
9												\$18,835,502.78
10												
11	March-22	G-1 Sales	2,356,742.832	\$0.2644	\$623,122.80	\$0.0000	\$0.00	\$0.1431	\$337,249.90	\$5.3477	\$12,603,153.64	\$13,563,526.34
12		G-2 Sales	<u>5,691.123</u>	<u>\$0.2644</u>	<u>1,504.73</u>	<u>\$0.0000</u>	<u>0.00</u>	<u>\$0.1431</u>	<u>814.40</u>	<u>\$4.0363</u>	<u>22,971.08</u>	<u>\$25,290.21</u>
16		Sub Total	2,362,433.956		\$624,627.53		\$0.00		\$338,064.30		\$12,626,124.72	\$13,588,816.55
17		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>1,044,892.23</u>		<u>0.00</u>		<u>(85,659.49)</u>		<u>(1,702,125.04)</u>	<u>(\$742,892.30)</u>
18		Total	2,362,433.956		\$1,669,519.76		\$0.00		\$252,404.81		\$10,923,999.68	\$12,845,924.25
19												\$12,593,519.44
20												
21	April-22	G-1 Sales	1,744,876.684	\$0.2644	\$461,345.40	\$0.0000	\$0.00	\$0.1431	\$249,691.85	\$5.3477	\$9,331,077.04	\$10,042,114.29
22		G-2 Sales	<u>10,580.280</u>	<u>\$0.2644</u>	<u>2,797.43</u>	<u>\$0.0000</u>	<u>0.00</u>	<u>\$0.1431</u>	<u>1,514.04</u>	<u>\$4.0363</u>	<u>42,705.18</u>	<u>\$47,016.65</u>
26		Sub Total	1,755,456.964		\$464,142.83		\$0.00		\$251,205.89		\$9,373,782.22	\$10,089,130.94
27		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>776,936.79</u>		<u>0.00</u>		<u>(25,060.01)</u>		<u>(1,221,538.42)</u>	<u>(\$469,661.64)</u>
28		Total	1,755,456.964		\$1,241,079.62		\$0.00		\$226,145.88		\$8,152,243.80	\$9,619,469.30
29												\$9,393,323.42
30												
31		Total Recovery from Correction Factor (CF)			<u>\$5,397,927.15</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>\$857,100.20</u>			
34		Total Recoveries from Expected Gas Cost (EGC) Factor									<u>\$35,424,418.49</u>	
35		Total Recoveries from Gas Cost Adjustment Factor (GCA)										<u>\$41,679,445.84</u>
36												
37												
38		NOTE: The cycle billing is a result of customers being billed by the meter read date.										
39		The prior period adjustments (PPA's) consist of billing revisions/adjustments.										<u>\$40,822,345.64</u>

Description	February, 2022		March, 2022		April, 2022	
	MCF	Cost	MCF	Cost	MCF	Cost
1 Texas Gas Pipeline Area						
2 LG&E Natural						
3 Texaco Gas Marketing						
4 CMS						
5 WESCO						
6 Southern Energy Company						
7 Union Pacific Fuels						
8 Atmos Energy Marketing, LLC						
9 Engage						
10 ERI						
11 Prepaid						
12 Reservation						
13 Hedging Costs - All Zones						
14						
15 Total	515,717	\$2,655,839	93,191	\$431,039	1,875,541	\$9,912,101
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	77,523	\$473,478	79,040	\$385,079	305,561	\$1,700,749
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	29,873	\$180,033	24,139	\$110,349	30,164	\$154,804
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	(257)	\$650	(530)	(\$1,252)	(1,100)	(\$4,626)
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	(\$171)	0	(\$152)	0	(\$198)
59						
60						
61 All Zones						
62 Total	622,856	\$3,309,829	195,840	\$925,063	2,210,166	\$11,762,829
63						
64						
65						

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

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

Exhibit D
Page 6 of 6

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