

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

In the Matter of:

GAS COST ADJUSTMENT    )  
FILING OF                )  
ATMOS ENERGY CORPORATION    )

Case No. 2021-00366

NOTICE

QUARTERLY FILING

For The Period

November 01, 2021 - January 31, 2022

Attorney for Applicant

Mark R. Hutchinson  
611 Frederica Street  
Owensboro, Kentucky 42301

September 28, 2021

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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Liza Philip  
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Atmos Energy Corporation  
5430 LBJ Freeway, Suite 700  
Dallas, Texas 75240

Christina Vo  
Sr. Rate Administration Analyst  
Atmos Energy Corporation  
5430 LBJ Freeway, Suite 700  
Dallas, Texas 75240

The Company gives notice to the Kentucky Public Service Commission, hereinafter "the Commission", pursuant to the Gas Cost Adjustment Clause contained in the Company's settlement gas rate schedules in **Case No. 2013-00148**

The Company hereby files Thirty-Ninth Revised Sheet No. 4, Thirty-Ninth Revised Sheet No. 5, and Thirty-Ninth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective November 01, 2021.

The Gas Cost Adjustment (GCA) for firm sales service is \$6.111 per Mcf and \$4.7941 per Mcf for interruptible sales service. The supporting calculations for the Thirty-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. 2021-00250, 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 November 01, 2021 through January 31, 2022 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$6.1085 per Mcf for the quarter of November 01, 2021 through January 31, 2022 as compared to \$5.1641 per Mcf used

for the period of August 01, 2021 through October 31, 2021. The G-2 Expected Commodity Gas Cost will be approximately \$4.7916 for the quarter November 01, 2021 through January 31, 2022 as compared to \$3.8481 for the period of August 01, 2021 through October 31, 2021.

3. The Company's notice sets out a new Correction Factor of (\$0.1782) per Mcf which will remain in effect until at least January 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 July 31, 2021 (August 2021 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 Thirty-Ninth Revised Sheet No. 5; and Thirty-Ninth 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 November 01, 2021.

DATED at Dallas, Texas this 28th day of September, 2021.

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. 2021-00366

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

**Sales (G-1)**

**Transportation (T-4)**

First	300	<sup>1</sup> Mcf	@	7.4965	per Mcf	@	1.3855	per Mcf	(l, -)
Next	14,700	<sup>1</sup> Mcf	@	7.0688	per Mcf	@	0.9578	per Mcf	(l, -)
Over	15,000	Mcf	@	6.8761	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 Mcf <sup>2</sup>**

**Sales (G-2)**

**Transportation (T-3)**

First	15,000	<sup>1</sup> Mcf	@	5.6268	per Mcf	@	0.8327	per Mcf	(l, -)
Over	15,000	Mcf	@	5.4328	per Mcf	@	0.6387	per Mcf	(l, -)

<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 September 28, 2021  
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2021  
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 2021-00366 DATED XXXX

**FOR ENTIRE SERVICE AREA**

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

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

**CANCELLING**

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

**ATMOS ENERGY CORPORATION**

NAME OF UTILITY

**Current Gas Cost Adjustments**

**Case No. 2021-00366**

**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

<b><u>Gas Cost Adjustment Components</u></b>	<b><u>G - 1</u></b>	<b><u>G-2</u></b>	
EGC (Expected Gas Cost Component)	6.1085	4.7916	(l, l)
CF (Correction Factor)	(0.1782)	(0.1782)	(l, l)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1807</u>	<u>0.1807</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$6.1110</u></u>	<u><u>\$4.7941</u></u>	(l, l)

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BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
IN CASE NO 2021-00366 DATED XXXX

**FOR ENTIRE SERVICE AREA**

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

**THIRTY-NINTH REVISED SHEET NO. 6**

**ATMOS ENERGY CORPORATION**

NAME OF UTILITY

**CANCELLING**

**THIRTY-EIGHTH REVISED SHEET NO. 6**

**Current Transportation**

**Case No. 2021-00366**

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

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

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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 2021-00366 DATED XXXX



Line No.	Description	Case No.		Difference
		(a) 2021-00250 \$/Mcf	(b) 2021-00366 \$/Mcf	
1	<b><u>G - 1</u></b>			
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	3.6315	4.5750	0.9435
11	Demand	1.5326	1.5335	0.0009
12	Total EGC	5.1641	6.1085	0.9444
13	CF (Correction Factor)	(0.3687)	(0.1782)	0.1905
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1807	0.1807	0.0000
16	GCA (Gas Cost Adjustment)	4.9761	6.1110	1.1349
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	6.3616	7.4965	1.1349
20	Next 14,700 Mcf	5.9339	7.0688	1.1349
21	Over 15,000 Mcf	5.7412	6.8761	1.1349
22				
23				
24	<b><u>G - 2</u></b>			
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	3.6315	4.5750	0.9435
33	Demand	0.2166	0.2166	0.0000
34	Total EGC	3.8481	4.7916	0.9435
35	CF (Correction Factor)	(0.3687)	(0.1782)	0.1905
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1807	0.1807	0.0000
38	GCA (Gas Cost Adjustment)	3.6601	4.7941	1.1340
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	4.4928	5.6268	1.1340
42	Over 14,700 Mcf	4.2988	5.4328	1.1340

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2021-00250	2021-00366	
		\$/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	1.3855	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	<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	0.8327	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	<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		12,175,247		3,759,716	3,759,716
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		0.2939	1,770,013	1,770,013
13						
14	FT Contract #	34380	3,650,000			
15	Base Rate	Section 4.1 - FT		0.2939	1,072,735	1,072,735
16						
17	Total SL to Zone 3		37,430,188		12,677,297	12,677,297
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		323,400		106,140	106,140
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		0.3670	669,775	669,775
34						
38	Total SL to Zone 4		5,145,769		2,061,177	2,061,177
39						
40	<b><u>Zone 2 to Zone 4</u></b>					
41	FT Contract #	39787	2,309,720			
42	Base Rate	Section 4.1 - FT		0.2780	642,102	642,102
43						
44	Total Zone 2 to Zone 4		2,309,720		642,102	642,102
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		0.1493	272,473	272,473
49						
50	Total Zone 3 to Zone 3		1,825,000		272,473	272,473
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		12,677,297	12,677,297
54	Total Zone 1 to Zone 3		323,400		106,140	106,140
55	Total SL to Zone 4		5,145,769		2,061,177	2,061,177
56	Total Zone 2 to Zone 4		2,309,720		642,102	642,102
57	Total Zone 3 to Zone 3		1,825,000		272,473	272,473
58						
59	Total Texas Gas		59,209,324		19,518,905	19,518,905
60						
61						
62	Total Texas Gas Area Non-Commodity				19,518,905	19,518,905

**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	\$	\$
<b>1 0 to Zone 2</b>						
2	FT-G Contract # 2546		145,000			
3	Base Rate	23		13.6530	1,979,685	1,979,685
4						
5	FT-A Contract # 95033		144,000			
6	Base Rate	14		13.6530	1,966,032	1,966,032
7						
8	Total Zone 0 to 2		<u>289,000</u>		<u>3,945,717</u>	<u>3,945,717</u>
9						
<b>10 1 to Zone 2</b>						
11	FT-A Contract # 300264		30,000			
12	Base Rate	14		9.2716	278,148	278,148
13						
14	Total Zone 1 to 2		<u>30,000</u>		<u>278,148</u>	<u>278,148</u>
15						
<b>16 Gas Storage</b>						
17 Production Area:						
18	Demand	61	34,968	1.7824	62,327	62,327
19	Space Charge	61	4,916,148	0.0181	88,982	88,982
20 Market Area:						
21	Demand	61	237,408	1.3094	310,862	310,862
22	Space Charge	61	10,846,308	0.0179	194,149	194,149
23	Total Storage		<u>16,034,832</u>		<u>656,320</u>	<u>656,320</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity		16,353,832		<u>4,880,185</u>	<u>4,880,185</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>			2,271,509		
2	Indexed Gas Cost				5.2770	11,986,755
3	Commodity (Zone 3)	Section 4.4 - NNS			0.0490	111,304
4	Fuel and Loss Retention @	Section 4.18.1	0.54%		0.0287	65,192
5					5.3547	12,163,251
6						
7	<u>Firm Transportation</u>			1,858,508		
8	Indexed Gas Cost				5.2770	9,807,345
9	Base (Weighted on MDQs)				0.0442	82,146
10	ACA	Section 4.1 - FT			0.0012	2,230
11	Fuel and Loss Retention @	Section 4.18.1	0.54%		0.0287	53,339
12					5.3511	9,945,060
13	<u>No Notice Storage</u>					
14	Net (Injections)/Withdrawals					
15	Withdrawals			1,795,221	3.0700	5,511,328
16	Injections			0	5.2770	0
17	Commodity (Zone 3)	Section 4.4 - NNS			0.0490	87,966
18	Fuel and Loss Retention @	Section 4.18.1	0.54%		0.0287	51,523
19				1,795,221	3.1477	5,650,817
20						
21						
22	Total Purchases in Texas Area			5,925,238	4.6849	27,759,128
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	21.22%	\$0.0399	\$ 0.0085
31	SL to Zone 3	Section 4.1 - FT	37,430,188	65.23%	0.0445	\$ 0.0290
32	1 to Zone 3	Section 4.1 - FT	323,400	0.56%	0.0422	\$ 0.0002
33	SL to Zone 4	Section 4.1 - FT	5,145,769	8.97%	0.0528	\$ 0.0047
34	2 to Zone 4	Section 4.1 - FT	2,309,720	4.03%	0.0446	\$ 0.0018
35	Total		57,384,324	100.0%		\$ 0.0442
36						
37	<u>Tennessee Gas</u>					
38	0 to Zone 2	24	289,000	90.60%	\$0.0167	\$ 0.0151
39	1 to Zone 2	24	30,000	9.40%	0.0087	0.0008
40	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>				488,811		
2	Indexed Gas Cost					5.2770	2,579,456
3	Base Commodity (Weighted on MDQs)					0.0159	7,796
4	ACA	24				0.0012	587
5	Fuel and Loss Retention	32	2.00%			0.1077	52,645
6							
7						5.4018	2,640,484
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					5.2770	0
10	Base Rate	26				0.7624	0
11	ACA	24				0.0012	0
12	Fuel and Loss Retention	32	2.00%			0.1077	0
13							
14						6.1483	0
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				720,302	3.0700	2,211,327
17	FT-A & FT-G Market Area Injections				0	5.2770	0
18	Withdrawal Rate	61				0.0087	6,267
19	Injection Rate	61				0.0087	0
20	Fuel and Loss Retention	61	1.36%			0.0001	72
21	Total				720,302	3.0788	2,217,666
22							
23							
24							
25	Total Tennessee Gas Zones				1,209,113	4.0179	4,858,150

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			245,000		
3	Indexed Gas Cost				5.2770	1,292,865
4	Base Commodity	13			0.0051	1,250
5	ACA	13			0.0012	294
6	Fuel and Loss Retention	13	0.77%		0.0356	8,722
7					5.3189	1,303,131
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			5.3776	208,382	208,382
12						
13	Total Trunkline Area Non-Commodity				208,382	208,382

**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	\$19,518,905			
3	Midwestern	0			
4	Tennessee Gas Pipeline	4,880,185			
5	Trunkline Gas Company	208,382			
6	Total	<u>\$24,607,472</u>			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1423	\$3,501,643	16,167,383	0.2166 0.2166
11	Firm	0.8577	21,105,829	16,027,459	1.3169
12	Total	<u>1.0000</u>	<u>\$24,607,472</u>		<u>1.5335 0.2166</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	16,027,459	16,027,459	16,027,459	1.5335
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	139,923	139,923		1.5335 0.2166
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	30,115,004			
27					
28		<u>46,282,387</u>	<u>16,167,383</u>	<u>16,027,459</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	\$
1 <b><u>Texas Gas Area</u></b>				
2 No Notice Service	2,205,960	2,271,509	5.5138	12,163,251
3 Firm Transportation	1,804,876	1,858,508	5.5101	9,945,060
4 No Notice Storage	1,743,416	1,795,221	3.2412	5,650,817
5 Total Texas Gas Area	<u>5,754,252</u>	<u>5,925,238</u>	<u>4.8241</u>	<u>27,759,128</u>
6				
7 <b><u>Tennessee Gas Area</u></b>				
8 FT-A and FT-G	460,912	488,811	5.7288	2,640,484
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	679,191	720,302	3.2652	2,217,666
13	<u>1,140,103</u>	<u>1,209,113</u>	<u>4.2612</u>	<u>4,858,150</u>
14 <b><u>Trunkline Gas Area</u></b>				
15 Firm Transportation	237,930	245,000	5.4770	1,303,131
16				
17 <b><u>Company Owned Storage</u></b>				
18 Withdrawals	1,341,397	1,381,256	3.1477	4,222,315
19 Injections	0	0	0.0000	0
20 Net WKG Storage	1,341,397	1,381,256	3.1477	4,222,315
21				
22				
23 Local Production	5,184	5,498	5.2770	27,356
24				
25				
26				
27 Total Commodity Purchases	<u>8,478,866</u>	<u>8,766,105</u>	<u>4.5018</u>	<u>38,170,080</u>
28				
29 Lost & Unaccounted for @				
30				
31 Total Deliveries	<u>8,343,204</u>	<u>8,625,847</u>	<u>4.5750</u>	<u>38,170,080</u>
32				
33				
34				
35 Total Expected Commodity Cost	<u>8,343,204</u>	<u>8,625,847</u>	<u>4.5750</u>	<u>38,170,080</u>

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	16,167,383
2	Transportation	<u>0</u>
3	Total Mcf Billed Demand Charges	16,167,383
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>44,294</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)	<b>0.1423</b>
13		

**Atmos Energy Corporation**  
Basis for Indexed Gas Cost  
For the Quarter ending January - 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 November 2021 through January 2022 during the period September 13 through September 24, 2021.

		Nov-21 (\$/MMBTU)	Dec-21 (\$/MMBTU)	Jan-22 (\$/MMBTU)
Monday	09/13/21	5.273	5.366	5.430
Tuesday	09/14/21	5.305	5.398	5.465
Wednesday	09/15/21	5.507	5.604	5.676
Thursday	09/16/21	5.382	5.492	5.564
Friday	09/17/21	5.146	5.258	5.328
Monday	09/20/21	5.022	5.132	5.202
Tuesday	09/21/21	4.842	4.953	5.023
Wednesday	09/22/21	4.855	4.969	5.042
Thursday	09/23/21	5.043	5.157	5.232
Friday	09/24/21	5.200	5.315	5.391
Average		<u>\$5.158</u>	<u>\$5.264</u>	<u>\$5.335</u>

- B. The Company believes prices are increasing and prices for the quarter ending January 31, 2022 will settle at \$5.277 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 January - 2022

	<u>November-21</u>			<u>December-21</u>			<u>January-22</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	May-21	618,952	\$4,364,063.44	\$3,359,104.55	\$1,004,958.89	\$0.00	\$1,004,958.89
2							
3	June-21	348,755	\$3,247,843.34	\$2,187,465.37	\$1,060,377.97	\$0.00	\$1,060,377.97
4							
5	July-21	351,425	<u>\$2,539,484.06</u>	<u>\$1,717,859.10</u>	<u>\$821,624.96</u>	<u>\$0.00</u>	<u>\$821,624.96</u>
6							
7							
8	Under/(Over) Recovery		<u>\$10,151,390.84</u>	<u>\$7,264,429.02</u>	<u>\$2,886,961.82</u>	<u>\$0.00</u>	<u>\$2,886,961.82</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$377,954.09</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13						(6,647,990.47)	
14						2,886,961.82	
15						192,356.93	
16							
17						0.00	
18						<u>(\$3,568,671.72)</u>	
19	Divided By: Total Expected Customer Sales (b)					16,167,383	Mcf
20							
21	Correction Factor - Part 1					<b>(\$0.2207)</b>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24						686,424.42	
25	Divided By: Total Expected Customer Sales (b)					16,167,383	
26							
27	Correction Factor - Part 2					<u>\$0.0425</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30						<u>(\$2,882,247.30)</u>	
31	Divided By: Total Expected Customer Sales (b)					16,167,383	
32							
33	<b>Correction Factor - Total (CF)</b>					<b><u>(\$0.1782)</u></b>	/ Mcf
34							

**Atmos Energy Corporation**  
Recoverable Gas Cost Calculation  
For the Three Months Ended July 2021  
2021-00366

Line No.	Description	GL Unit	June-21	July-21	August-21
			(a)	(b)	(c)
			Month		
			May-21	June-21	July-21
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	1,894,114	1,670,629	1,680,355
9	Off System Storage				
10	Texas Gas Transmission	Mcf	0	0	0
11	Tennessee Gas Pipeline	Mcf	0	0	0
12	System Storage				
13	Withdrawals	Mcf	0	0	0
14	Injections	Mcf	(795,021)	(761,772)	(790,935)
15	Producers	Mcf	1,350	1,824	2,324
16	Third Party Reimbursements	Mcf	(52)	(273)	(484)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances <sup>2</sup>	Mcf	(481,439)	(561,653)	(539,836)
19	<b>Total Supply</b>	Mcf	618,952	348,755	351,425
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	618,952	348,755	351,425

<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 July 2021  
2021-00366

Line No.	Description	GL Unit	June-21	July-21	August-21
			(a)	(b)	(c)
			Month		
			May-21	June-21	July-21
1	<b>Supply Cost</b>				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	\$	1,316,016	1,264,852	1,305,101
4	Tennessee Gas Pipeline <sup>1</sup>	\$	199,893	189,189	189,189
5	Trunkline Gas Company <sup>1</sup>	\$	6,870	6,653	6,876
6	Twin Eagle Resource Management	\$	0	0	0
7	Midwestern Pipeline <sup>1</sup>	\$	0	0	0
8	<b>Total Pipeline Supply</b>	\$	1,522,778	1,460,693	1,501,166
9	Total Other Suppliers	\$	5,553,178	4,977,770	6,111,783
10	Hedging Settlements	\$	0	0	0
11	Off System Storage				
12	Texas Gas Transmission	\$			
13	Tennessee Gas Pipeline	\$			
14	WKG Storage	\$	147,954	147,954	147,954
15	System Storage				
16	Withdrawals	\$	0	0	0
17	Injections	\$	(2,305,544)	(2,236,972)	(2,826,868)
18	Producers	\$	3,778	5,444	8,104
19	Third Party Reimbursements	\$	(178)	(1,236)	(2,196)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances <sup>2</sup>	\$	(557,903)	(1,105,809)	(2,400,459)
22	<b>Sub-Total</b>	\$	4,364,063	3,247,843	2,539,484
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	<b>Total Recoverable Gas Cost</b>	\$	4,364,063.44	3,247,843.34	2,539,484.06

<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 July 2021  
2021-00366

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	May-21	G-1 Sales	736,766.021	(\$0.1201)	(\$88,485.60)	\$0.0000	\$0.00	\$0.1807	\$133,133.62	\$4.4811	\$3,301,522.22	\$3,346,170.24	
2		G-2 Sales	<u>8,020.813</u>	(\$0.1201)	(963.30)	\$0.0000	0.00	\$0.1807	1,449.36	\$3.1651	25,386.68	<u>\$25,872.74</u>	
6		Sub Total	744,786.835		(\$89,448.90)		\$0.00		\$134,582.98		\$3,326,908.90	\$3,372,042.98	
7		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>(2,066.20)</u>		<u>0.00</u>		<u>2,875.24</u>		<u>32,195.65</u>	<u>\$33,004.69</u>	
8		Total	744,786.835		(\$91,515.10)		\$0.00		\$137,458.22		\$3,359,104.55	\$3,405,047.67	\$3,267,589.45
10													
11	June-21	G-1 Sales	456,280.933	(\$0.1201)	(\$54,799.34)	\$0.0000	\$0.00	\$0.1807	\$82,449.96	\$4.4811	\$2,044,640.49	\$2,072,291.11	
12		G-2 Sales	<u>7,927.685</u>	(\$0.1201)	(952.11)	\$0.0000	0.00	\$0.1807	1,432.53	\$3.1651	25,091.91	<u>\$25,572.33</u>	
16		Sub Total	464,208.618		(\$55,751.45)		\$0.00		\$83,882.49		\$2,069,732.40	\$2,097,863.44	
17		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>174.05</u>		<u>0.00</u>		<u>6,945.78</u>		<u>117,732.97</u>	<u>\$124,852.80</u>	
18		Total	464,208.618		(\$55,577.40)		\$0.00		\$90,828.27		\$2,187,465.37	\$2,222,716.24	\$2,131,887.97
19													
20													
21	July-21	G-1 Sales	369,609.087	(\$0.1201)	(\$44,390.05)	\$0.0000	\$0.00	\$0.1807	\$66,788.36	\$4.4811	\$1,656,255.28	\$1,678,653.59	
22		G-2 Sales	<u>8,154.683</u>	(\$0.1201)	(979.38)	\$0.0000	0.00	\$0.1807	1,473.55	\$3.1651	25,810.39	<u>\$26,304.56</u>	
26		Sub Total	377,763.769		(\$45,369.43)		\$0.00		\$68,261.91		\$1,682,065.67	\$1,704,958.15	
27		Timing: Cycle Billing and PPA's	<u>0.000</u>		<u>105.00</u>		<u>0.00</u>		<u>2,081.85</u>		<u>35,793.43</u>	<u>\$37,980.28</u>	
28		Total	377,763.769		(\$45,264.43)		\$0.00		\$70,343.76		\$1,717,859.10	\$1,742,938.43	\$1,672,594.67
29													
30													
31		Total Recovery from Correction Factor (CF)			<u>(\$192,356.93)</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>\$298,630.25</u>				
34		Total Recoveries from Expected Gas Cost (EGC) Factor									<u>\$7,264,429.02</u>		
35		Total Recoveries from Gas Cost Adjustment Factor (GCA)										<u>\$7,370,702.34</u>	
36													
37													
38		<b>NOTE: The cycle billing is a result of customers being billed by the meter read date.</b>											
39		<b>The prior period adjustments (PPA's) consist of billing revisions/adjustments.</b>											<u>\$7,072,072.09</u>



Description	May, 2021		June, 2021		July, 2021	
	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 Atmos Energy Marketing, LLC						
9 Engage						
10 ERI						
11 Prepaid						
12 Reservation						
13 Hedging Costs - All Zones						
14						
15 <b>Total</b>	1,639,493	\$4,782,477	1,461,556	\$4,334,127	1,469,281	\$5,320,814
16						
17						
<b>18 Tennessee Gas Pipeline Area</b>						
19 Chevron Natural Gas, Inc.						
20 Atmos Energy Marketing, LLC						
21 WESCO						
22 Prepaid						
23 Reservation						
24 Fuel Adjustment						
25						
26 <b>Total</b>	254,308	\$769,884	206,380	\$635,040	211,411	\$792,272
27						
28						
<b>29 Trunkline Gas Company</b>						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 <b>Total</b>	48	\$136	0	\$0	0	\$0
37						
38						
<b>39 Midwestern Pipeline</b>						
40 Atmos Energy Marketing, LLC						
41 Midwestern Gas Transmission						
42 Anadarko						
43 Prepaid						
44 Reservation						
45 Fuel Adjustment						
46						
47 <b>Total</b>	265	\$791	2,693	\$8,711	(337)	(\$1,302)
48						
49						
<b>50 ANR Pipeline</b>						
51 Atmos Energy Marketing, LLC						
52 LG&E Natural						
53 Anadarko						
54 Prepaid						
55 Reservation						
56 Fuel Adjustment						
57						
58 <b>Total</b>	0	(\$110)	0	(\$109)	0	\$0
59						
60						
<b>61 All Zones</b>						
62 Total	1,894,114	\$5,553,178	1,670,629	\$4,977,770	1,680,355	\$6,111,783
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, 2020

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	Prior Year Adjustment	(\$318,641.49)	\$318,641.49	\$0.00	\$0.00	64,563.37	(\$64,563.37)	\$254,078.12	\$254,078.12
2	Dec-19	(\$31,337.25)	(\$60,031.56)	(\$94.39)	(\$91,463.20)	\$13,414.40	\$11,257.41	\$17,922.85	\$272,000.97
3	Jan-20	(\$19,371.10)	(\$47,814.80)	(\$60.00)	(\$67,245.90)	\$7,271.80	\$6,840.52	\$12,099.30	\$284,100.27
4	Feb-20	(\$168,281.59)	(\$208,799.06)	(\$586.52)	(\$377,667.17)	\$9,242.83	\$9,671.86	\$159,038.76	\$443,139.03
5	Mar-20	(\$29,759.98)	(\$82,387.06)	(\$106.67)	(\$112,253.71)	\$6,824.75	\$13,787.94	\$22,935.23	\$466,074.26
6	Apr-20	(\$41,523.42)	(\$97,654.43)	(\$133.46)	(\$139,311.31)	\$8,699.78	\$10,203.40	\$32,823.64	\$498,897.90
7	May-20	(\$54,901.36)	(\$106,943.05)	(\$223.16)	(\$162,067.57)	\$6,827.74	\$7,647.14	\$48,073.62	\$546,971.52
8	Jun-20	(\$93,095.45)	(\$154,185.06)	(\$397.28)	(\$247,677.79)	\$11,345.36	\$7,581.76	\$81,750.09	\$628,721.61
9	Jul-20	\$7,471.74	\$24,262.28	\$37.61	\$31,771.63	\$5,878.13	\$4,326.81	(\$13,349.87)	\$615,371.74
10	Aug-20	(\$44,723.00)	(\$93,857.72)	(\$204.69)	(\$138,785.41)	\$3,208.49	\$2,820.86	\$41,514.51	\$656,886.25
11	Sep-20	(\$36,986.75)	(\$67,562.01)	(\$154.88)	(\$104,703.64)	\$5,945.80	\$6,894.38	\$31,040.95	\$687,927.20
12	Oct-20	(\$16,347.17)	(\$35,767.98)	(\$48.57)	(\$52,163.72)	\$17,564.57	\$15,594.91	(\$1,217.40)	\$686,709.80
13	Nov-20	(\$12,713.24)	(\$28,390.97)	(\$52.42)	(\$41,156.63)	\$12,998.62	\$11,384.40	(\$285.38)	\$686,424.42