# COMMONWEALTH OF KENTUCKY BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION

In the Matter of:	
GAS COST ADJUSTMENT ) FILING OF )	Case No. 2022-00307
ATMOS ENERGY CORPORATION	)

# **NOTICE**

### **QUARTERLY FILING**

For The Period

November 01, 2022 - January 31, 2023

Attorney for Applicant

Mark R. Hutchinson 611 Frederica Street Owensboro, Kentucky 42301

September 29, 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
Franklin, Tennessee 37067

Mark R. Hutchinson Attorney for Applicant 611 Frederica Street Owensboro, Kentucky 42301

Patty Nelson Supv Accounting 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 Forty-Fourth Revised Sheet No. 4, Forty-Third Revised Sheet No. 5, and Forty-Fourth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective November 01, 2022.

The Gas Cost Adjustment (GCA) for firm sales service is \$9.5833 per Mcf and \$8.4408 per Mcf for interruptible sales service. The supporting calculations for the Forty-Third Revised Sheet No. 5 are provided in the following Exhibits:

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

Exhibit B – Expected Gas Cost (EGC) Calculation

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

Exhibit D – Correction Factor (CF) Calculation

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

Since the Company's last GCA filing, Case No. 2022-00188, the following changes have occurred in its pipeline and gas supply commodity rates for the GCA period.

- The commodity rates per Mcf used are based on historical estimates and/or current data for the quarter of November 01, 2022 through January 31, 2023 as shown in Exhibit C, page 1 of 2.
- The G-1 Expected Gas Cost will be approximately \$8.5209 per Mcf for the quarter of November 01, 2022 through January 31, 2023 as compared to \$8.6217 per Mcf used

for the period of August 01, 2022 through October 31, 2022. The G-2 Expected Commodity Gas Cost will be approximately \$7.3784 for the quarter November 01, 2022 through January 31, 2023 as compared to \$7.4735 for the period of August 01, 2022 through October 31, 2022.

- The Company's notice sets out a new Correction Factor of \$0.9193 per Mcf
   which will remain in effect until at least January 31, 2023.
- 4. The Refund Factor of (\$0.0000) per Mcf will remain in effect until the refund has been completed.

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

The Company is filing its updated Correction Factor that is based upon the balance in the Company's 1910 Account as of July 31, 2022 (August 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-Third Revised Sheet No. 5; and Forty-Fourth 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, 2022.

DATED at Dallas, Texas this 29th day of September, 2022.

ATMOS ENERGY CORPORATION

By: /s/ Christina Vo

Christina Vo

Sr. Rate Admin Analyst

**Atmos Energy Corporation** 

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### FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

### FORTY-FOURTH REVISED SHEET NO. 4

CANCELLING

### FORTY-THIRD REVISED SHEET NO. 4

### ATMOS ENERGY CORPORATION

NAME OF UTILITY

Base Charge:   Residential (G-1)	(-) (-) (-) (-)
Residential (G-1)	( <del>-</del>
First $300^{-1}$ Mcf @ 11.1316 per Mcf @ 1.5483 pe Next $14,700^{-1}$ Mcf @ $10.6595$ per Mcf @ 1.0762 pe	
	Mcf (I, Mcf (I,
Interruptible Service  Base Charge Sales (G-2) Transportation (T-3) Sales (G-2) Transportation Administration Fee Solution Administration Fee Solution Service	(- (- (-
Rate per Mcf <sup>2</sup> Sales (G-2)         Transportation (T-3)           First         15,000         1         Mcf         @         9.3965 per Mcf         @         0.9557 per Mcf           Over         15,000         Mcf         @         9.2245 per Mcf         @         0.7837 per Mcf	

<sup>&</sup>lt;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.

DATE OF ISSUE September 29, 2022							
		MONTH / DATE / YEAR					
DATE EFFECT	TIVE	November 1, 2022					
		MONTH / DATE / YEAR					
ISSUED BY		/s/ Brannon C. Taylor					
·		SIGNATURE OF OFFICER					
TITLE	Vice President –	Rates & Regulatory Affairs					
BY AUTHORIT	ΓY OF ORDER C	OF THE PUBLIC SERVICE COMMISSION					
IN CASE NO	2022-00307	DATED XXXX					

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

## FOR ENTIRE SERVICE AREA

## P.S.C. KY NO. 2

### FORTY-THIRD REVISED SHEET NO. 5

### CANCELLING

# ATMOS ENERGY CORPORATION

NAME OF UTILITY

### FORTY-TWO REVISED SHEET NO. 5

	as Cost Adjustments		
Cas	e No. 2022-00307		_
<u>Applicable</u>			
For all Mcf billed under General Sales Service (C	G-1) and Interruptible Sales Serv	rice (G-2).	
Gas Charge = GCA			
GCA = EGC + CF + RF + PBRF	RF		
Gas Cost Adjustment Components	G - 1	G-2	
EGC (Expected Gas Cost Component)	8.5209	7.3784	(R, R)
CF (Correction Factor)	0.9193	0.9193	(1, 1)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	0.1431_	0.1431_	(-, -)
GCA (Gas Cost Adjustment)	\$9.5833	<u>\$8.4408</u>	(1, 1)

DATE OF ISSUE September 29, 2022								
	MONTH / DATE / YEAR							
DATE EFFECTI	VENovember 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 2022-00307 DATED XXXX								

## FOR ENTIRE SERVICE AREA

### P.S.C. KY NO. 2

### FORTY-FOURTH REVISED SHEET NO. 6

### ATMOS ENERGY CORPORATION

NAME OF UTILITY

# CANCELLING FORTY-THIRD REVISED SHEET NO. 6

# Current Transportation Case No. 2022-00307

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

System Lost and Unaccounted gas percentage:

1.72%

	1			Simple Margin	_(	Non- Commodity	Gross Margin	_
sportation Firm Serv					_			
First	300	Mcf	@	\$1.5483	- ۱	0 =	= \$1.5483	per Mcf
Next	14,700	Mcf	@	1.0762 +	۰ –	0 =	= 1.0762	per Mcf
All over	15,000	Mcf	@	0.8888 -	+ <u> </u>	0 =	= 0.8888	per Mcf
					_			
Interrupti	ble Service (	<u>T-3)</u>						
First	15,000	Mcf	@	\$0.9557 ↔	+	\$0.0000 =	= \$0.9557	per Mcf
All over	15,000	Mcf	@	0.7837	<b>+</b>	0.0000 =	= 0.7837	per Mcf

DATE OF ISSUE	September 29, 2022						
	MONTH / DATE / YEAR						
DATE EFFECTIVE	November 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 2022-00307 DATED XXXX							

<sup>&</sup>lt;sup>1</sup> Excludes standby sales service.

Exhibit A Page 1 of 2

Comparison of Current and Previous Cases

Sales Service

(c) (a) (b) Line Case No. No. Description 2022-00188 2022-00307 Difference \$/Mcf \$/Mcf \$/Mcf <u>G - 1</u> 1 2 Distribution Charge (per Case No. 2018-00281) 3 300 Mcf 4 First 1.5483 1.5483 0.0000 5 Next 14,700 Mcf 1.0762 1.0762 0.0000 6 Over 15,000 Mcf 8888.0 0.8888 0.0000 7 8 Gas Cost Adjustment Components 9 EGC (Expected Gas Cost): 10 Commodity 7.2842 7.1911 (0.0931)Demand 11 1.3375 1.3298 (0.0077)12 **Total EGC** 8.6217 8.5209 (0.1008)13 CF (Correction Factor) 0.7959 0.9193 0.1234 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) 9.5607 9.5833 0.0226 17 18 Rate per Mcf (GCA included) 19 First 300 Mcf 11.1090 11.1316 0.0226 20 Next 14,700 Mcf 10.6369 10.6595 0.0226 21 Over 15,000 Mcf 10.4495 10.4721 0.0226 22 23 24 **G-2** 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 Gas Cost Adjustment Components 31 EGC (Expected Gas Cost): 32 Commodity 7.2842 7.1911 (0.0931)33 Demand 0.1893 0.1873 (0.0020)34 7.4735 Total EGC 7.3784 (0.0951)35 CF (Correction Factor) 0.7959 0.9193 0.1234 RF (Refund Adjustment) 36 0.0000 0.0000 0.0000 PBRRF (Performance Based Rate Recovery Factor) 37 0.1431 0.1431 0.0000 38 GCA (Gas Cost Adjustment) 8.4125 8.4408 0.0283 39 40 Rate per Mcf (GCA included) 41 First 300 Mcf 9.3682 9.3965 0.0283 42 Over 14,700 Mcf 9.1962 9.2245 0.0283

**Atmos Energy Corporation**Comparison of Current and Previous Cases
Transportation Service

Exhibit A Page 2 of 2

5 Next 14,700 Mcf 1.0762 1.0762 0.0000				(a)	(b)	(c)
\$/Mcf \$/Mcf \$/Mcf  1 T-4 Transportation Service / Firm Service (High Priority)  2 3 Simple Margin / Distribution Charge (per Case No. 2015-00343)  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 T-3 / Interruptible Service (Low Priority)  10	Line			Case	e No.	
1       T -4 Transportation Service / Firm Service (High Priority)         2       Simple Margin / Distribution Charge (per Case No. 2015-00343)         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       T - 3 / Interruptible Service (Low Priority)	No.	Description		2022-00188	2022-00307	Difference
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>				\$/Mcf	\$/Mcf	\$/Mcf
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>	1	T -4 Transportation Serv	vice / Firm Service (High Priority)			
4 First 300 Mcf 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>	2					
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	3	Simple Margin / Distribution	on Charge (per Case No. 2015-00343)			
6 Over 15,000 Mcf 0.8888 0.8888 0.0000 7 8 9 <u>T - 3 / Interruptible Service (Low Priority)</u> 10	4	First 300	Mcf	1.5483	1.5483	0.0000
7 8 9 <u>T - 3 / Interruptible Service (Low Priority)</u> 10	5	Next 14,700	Mcf	1.0762	1.0762	0.0000
9 T - 3 / Interruptible Service (Low Priority) 10	6	Over 15,000	Mcf	0.8888	0.8888	0.0000
9 <u>T - 3 / Interruptible Service (Low Priority)</u> 10	7					
10	8					
	9	T - 3 / Interruptible Serv	ice (Low Priority)			
11 Simple Margin / Distribution Charge (per Case No. 2015-00343)	10					
	11	Simple Margin / Distribution	on Charge (per Case No. 2015-00343)			
<del>-</del>	12		- · · · · · · · · · · · · · · · · · · ·	0.9557	0.9557	0.0000
13 Over 15,000 Mcf 0.7837 0.7837 0.0000	13	Over 15,000	Mcf	0.7837	0.7837	0.0000
14	14	,				

Exhibit B Page 1 of 8

No. Description			(a)	(b)	(c)	(d) <b>Non-Co</b>	(e) mmodity
SLIo Zone 2   2 NNS Contract # 29760   3 Base Rate   Section 4.4 - NNS   12,175,247   3,759,716   3,759,716   3,759,716   6,022,500   10,100   17 FT Contract # 29759   2 Base Rate   Section 4.1 - FT   3,650,000   1894   1,140,662					Rate	Total	Demand
2 NNS Contract # 29760   3 Res Rate   Section 4.4 - NNS   12,175,247   3,759,716   3,759,716   4   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   6   3,759,716   7   3,759,716							
Total St. to Zone 2	NNS Contract # Base Rate	29760	Section 4.4 - NNS	12,175,247		3,759,716	3,759,716
8 NNS Contract # 29762 Section 4.4 - NNS			•	12,175,247	-	3,759,716	3,759,716
8 NNS Contract # 29762 Section 4.4 - NNS 10 17 Contract # 29759 Section 4.1 - FT 13 14 FT Contract # 29759 Section 4.1 - FT 16 18 18 18 18 19 200	6		•		-	<u> </u>	
12   Base Rate   Section 4.1 - FT   0.1894   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140,662   1,140   1,1666,521   1,1666	8 NNS Contract # 9 Base Rate	29762	Section 4.4 - NNS	27,757,688	0.3543	9,834,549	9,834,549
14 FT Contract # 34380   3,650,000   1894   691,310   691,310   691,310   16   17   Total SL to Zone 3   37,430,188   11,666,521   11	12 Base Rate	29759	Section 4.1 - FT	6,022,500	0.1894	1,140,662	1,140,662
17   Total SL to Zone 3   37,430,188   11,666,521   11,	14 FT Contract # 15 Base Rate	34380	Section 4.1 - FT	3,650,000	0.1894	691,310	691,310
18   2   20 not 1 to Zone 3   20 STF Contract #   35772   Section 4.2 - STF   323,400     216,140   106,140     22   23   24     25     26 Total Zone 1 to Zone 3   323,400     323,400     106,140   106,140     27   28   SL to Zone 4   29 NNS Contract #   29763   3,320,769   30   Base Rate   Section 4.4 - NNS   3,320,769   31   32 FT Contract #   31097   38 Base Rate   Section 4.1 - FT   38 Base Rate   Section 4.1 - FT   39   38 Base Rate   Section 4.1 - FT   39   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   39   30 Base Rate   Section 4.1 - FT   39   30 Base Rate   Section 4.1 - FT   39   30 Base Rate   Section 4.1 - FT   30 Base Rate   Section 4			-	37 430 188	-	11 666 521	11 666 521
20 STF Contract # 35772 Section 4.2 - STF 323,400 21 Base Rate			•	07,400,100	-	11,000,021	11,000,021
25 26 Total Zone 1 to Zone 3 27 28 SL to Zone 4 29 NNS Contract # 29763 30 Base Rate	20 STF Contract # 21 Base Rate 22 23	35772	Section 4.2 - STF	323,400	0.3282	106,140	106,140
26 Total Zone 1 to Zone 3   323,400   106,140   106,140   27							
27 SL to Zone 4 29 NNS Contract # 29763 30 Base Rate		3	•	323,400	-	106,140	106,140
29 NNS Contract # 29763   3,320,769   30 Base Rate   Section 4.4 - NNS   0.4190   1,391,402   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   500,415   34   39   40   Zone 2 to Zone 4   5,145,769   1,891,817   1,891,817   39   40   Zone 2 to Zone 4   2,555,000   268,275   268,275   43   44 Total Zone 2 to Zone 4   2,555,000   268,275   268,275   268,275   45   46   Zone 3 to Zone 3   1,825,000   215,533   215,533   215,533   215,533   51   52 Total Zone 2 to Zone 3   3,7430,188   11,666,521   11,666,521   53 Total Zone 1 to Zone 3   3,7430,188   11,666,521   11,666,521   54 Total Zone 1 to Zone 3   3,7430,188   11,666,521   11,666,521   55 Total SL to Zone 4   5,145,769   1,891,817   1,891,817   56 Total Zone 2 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   268,275   268,275   275 Total SL to Zone 4   5,145,769   1,891,817   1,891,817   1,891,817   56 Total Zone 2 to Zone 4   2,555,000   268,275   268,275   268,275   275 Total Zone 2 to Zone 4   5,145,769   1,891,817   1,891,	27		•		•		
32 FT Contract # 31097 33 Base Rate 31097 Section 4.1 - FT 34 38 Total SL to Zone 4 39 40 Zone 2 to Zone 4 41 FT Contract # 53433 42 Base Rate 44 Total Zone 2 to Zone 4 45 FT Contract # 36773 48 Base Rate 46 Zone 3 to Zone 3 47 FT Contract # 36773 48 Base Rate 50 Total Zone 3 to Zone 3 51 52 Total SL to Zone 2 51 Total SL to Zone 3 51 Total SL to Zone 3 52 Total SL to Zone 3 53 Total SL to Zone 3 54 Total Zone 1 to Zone 3 55 Total SL to Zone 3 56 Total SL to Zone 3 57 Total Zone 3 to Zone 3 58 Total Texas Gas 59 Total Texas Gas 60 61	29 NNS Contract # 30 Base Rate	29763	Section 4.4 - NNS	3,320,769	0.4190	1,391,402	1,391,402
38 Total SL to Zone 4 39 40 Zone 2 to Zone 4 41 FT Contract # 53433 42 Base Rate Section 4.1 - FT 43 44 Total Zone 2 to Zone 4 45 Asserbal Section 4.1 - FT 45 Asserbal Section 4.1 - FT 46 Zone 3 to Zone 3 47 FT Contract # 36773 48 Base Rate Section 4.1 - FT 49 50 Total Zone 3 to Zone 3 51 52 Total SL to Zone 2 53 Total SL to Zone 3 54 Total SL to Zone 3 55 Total SL to Zone 3 56 Total SL to Zone 3 57 Total Zone 2 to Zone 4 58 Total SL to Zone 3 59 Total Zone 3 to Zone 3 50 Total Zone 3 to Zone 3 51 Total SL to Zone 3 51 Total SL to Zone 3 52 Total SL to Zone 3 53 Total SL to Zone 3 54 Total Zone 1 to Zone 3 55 Total SL to Zone 4 56 Total Zone 2 to Zone 4 57 Total Zone 2 to Zone 4 58 Total SL to Zone 3 59 Total Texas Gas 59 Total Texas Gas 59 Total Texas Gas 59 Total Texas Gas 50 Total Texas Gas	32 FT Contract # 33 Base Rate	31097	Section 4.1 - FT	1,825,000	0.2742	500,415	500,415
39 40 Zone 2 to Zone 4 41 FT Contract # 53433			•	5,145,769	-	1,891,817	1,891,817
42 Base Rate       Section 4.1 - FT       0.1050       268,275       268,275         43 44 Total Zone 2 to Zone 4       2,555,000       268,275       268,275         45 45 45 46       Zone 3 to Zone 3       1,825,000       215,533       215,533         48 Base Rate       Section 4.1 - FT       0.1181       215,533       215,533         50 Total Zone 3 to Zone 3       1,825,000       215,533       215,533         51 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         59 Total Texas Gas       59,454,604       17,908,002       17,908,002         60       10	39 40 <b>Zone 2 to Zone 4</b>	50.400			-	.,00.,0	
45 46 Zone 3 to Zone 3 47 FT Contract # 36773 48 Base Rate Section 4.1 - FT 49 50 Total Zone 3 to Zone 3 51 52 Total SL to Zone 2 53 Total SL to Zone 3 54 Total Zone 1 to Zone 3 55 Total SL to Zone 4 55 Total SL to Zone 4 55 Total Zone 2 to Zone 4 56 Total Zone 2 to Zone 4 57 Total Zone 3 to Zone 3 58 59 Total Texas Gas 60 61	42 Base Rate	53433	Section 4.1 - FT	2,555,000	0.1050	268,275	268,275
46 Zone 3 to Zone 3 47 FT Contract # 36773 48 Base Rate Section 4.1 - FT 49 50 Total Zone 3 to Zone 3 51 52 Total SL to Zone 2 53 Total SL to Zone 3 54 Total Zone 1 to Zone 3 55 Total SL to Zone 4 55 Total SL to Zone 4 56 Total Zone 2 to Zone 4 57 Total Zone 3 to Zone 3 58 59 Total Texas Gas 60 61	44 Total Zone 2 to Zone	4		2,555,000	_	268,275	268,275
47 FT Contract #       36773       1,825,000         48 Base Rate       Section 4.1 - FT       0.1181       215,533       215,533         50 Total Zone 3 to Zone 3       1,825,000       215,533       215,533         51       1       1,825,000       215,533       215,533         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       59,454,604       17,908,002       17,908,002         60       61							
50 Total Zone 3 to Zone 3       1,825,000       215,533       215,533         51       31       215,533       215,533         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       59,454,604       17,908,002       17,908,002         60       61	47 FT Contract # 48 Base Rate	36773	Section 4.1 - FT	1,825,000	0.1181	215,533	215,533
51 52 Total SL to Zone 2 53 Total SL to Zone 3 54 Total Zone 1 to Zone 3 55 Total SL to Zone 3 56 Total Zone 1 to Zone 3 57 Total Zone 2 to Zone 4 58 Total Zone 2 to Zone 4 59 Total Zone 3 to Zone 3 59 Total Texas Gas 60 61 51 12,175,247 51,247 52,175,247 53,759,716 53,759,716 53,759,716 53,759,716 53,759,716 53,759,716 53,759,716 53,759,716 53,759,716 54,604 51,266,521 51,666,521 5		3	•	1,825,000	-	215,533	215,533
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       59,454,604       17,908,002       17,908,002         60       61	51		•				
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       59,454,604       17,908,002       17,908,002         60       61						, ,	
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       59,454,604       17,908,002       17,908,002         60       61		3					
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       59,454,604       17,908,002       17,908,002         60       61       60       61		5					
57 Total Zone 3 to Zone 3       1,825,000       215,533       215,533         58       59 Total Texas Gas       59,454,604       17,908,002       17,908,002         60       61       61		4					
58 59 Total Texas Gas 60 61 59,454,604 17,908,002 17,908,002 17,908,002							
60	58						
	60			<del>59,454,604</del>	-	17,900,002	17,900,002
		a Non-Com	nmodity		-	17,908,002	17,908,002

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

Exhibit B Page 2 of 8

		(a)	(b)	(c)	(d) <b>Non-C</b> e	(e) ommodity
Line		Tariff	Annual			
No. Description		Sheet No.	Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
1 <u>0 to Zone 2</u>						
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		_	289,000		2,504,884	2,504,884
9						
10 <b>1 to Zone 2</b>						
11 FT-A Contract #	300264		30,000			
12 Base Rate		14		4.1063	123,188	123,188
13		_				
14 Total Zone 1 to 2		_	30,000		123,188	123,188
15						
16 <b>Gas Storage</b>						
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			16,034,832		641,667	641,667
24						
25 Total Tennessee (	Gas Area FT-G Non-Comm	odity	16,353,832		3,269,739	3,269,739

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

Exhibit B Page 3 of 8

Line		(a) <b>Tariff</b>	(b)	(c)	(d)	(e)		(f)
No.	Description	Sheet No.		Purc	hases	Rate		Total
				Mcf	MMbtu	\$/MMbtu		\$
1	No Notice Service				1,773,320			
2	Indexed Gas Cost					7.7740	1:	3,785,793
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490		86,893
4	Fuel and Loss Retention @	Section 4.18.1	1.23%		_	0.0968		171,657
5						7.9198	14	4,044,343
6	Circa Transportation				4 450 000			
7	Firm Transportation Indexed Gas Cost				1,450,899	7 7740	1	1 270 205
8						7.7740 0.0439	'	1,279,285
9	Base (Weighted on MDQs)	Section 4.1 - FT						63,694
10	ACA		4.000/			0.0015		2,176
11	Fuel and Loss Retention @	Section 4.18.1	1.06%		-	0.0833		120,860
12	N. N. C. Ot					7.9027	1	1,466,015
13	No Notice Storage							
14	Net (Injections)/Withdrawals				0.440.000	0.0450	4	207.040
15	Withdrawals				2,112,609	6.0150	1.	2,707,343
16	Injections	0 ( 44 NN0			0	7.7740		0
17	Commodity (Zone 3)	Section 4.4 - NNS	4.000/			0.0490		103,518
18	Fuel and Loss Retention @	Section 4.18.1	1.23%	_	0.440.000	0.0968	4	204,501
19					2,112,609	6.1608	1.	3,015,362
20 21								
22	Total Purchases in Texas Area			_	5,336,828	7.2188	2	8,525,720
	Total Pulchases III Texas Alea			_	5,550,626	1.2100	3	5,525,720
23 24								
2 <del>4</del> 25	Used to allocate transportation	non-commodity						
26	Osed to allocate transportation	non-commodity						
27				Annualized		Commodity		
28				MDQs in		Charge	W	eighted
29	Texas Gas			MMbtu	Allocation	\$/MMbtu		verage
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%	0.00.2	\$	0.0439
37	lotai			=	100.070		Ψ	0.0400
38	Tennessee Gas							
39	0 to Zone 2	24		289,000	90.60%	\$0.0177	\$	0.0160
39 40	1 to Zone 2	24 24		30,000	9.40%	0.0147	φ	0.0160
40 41	Total	<b>∠</b> 4	-	319,000	100.00%	0.0147	\$	0.0014
<del>4</del> 1	ıolai			=	100.0070		\$	0.0174

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

Exhibit B Page 4 of 8

(a)

(b)

(c)

(d)

(e)

(f)

Line	Tariff					
No. Description	Sheet No.		Purchases		Rate	Total
			Mcf	MMbtu	\$/MMbtu	\$
1 FT A and FT C				464 424		
1 <u>FT-A and FT-G</u> 2 Indexed Gas Cost				461,434	7 7740	2 507 100
					7.7740 0.0174	3,587,188
3 Base Commodity (Weighted on MDQs) 4 ACA	24					8,037 692
		0.040/			0.0015	
5 Fuel and Loss Retention	32	2.31%			0.1838	84,812
6					7.9767	3,680,729
7 8 FT-GS				0		
9 Indexed Gas Cost				· ·	7.7740	0
10 Base Rate	26				0.7453	0
11 ACA	24				0.0015	0
12 Fuel and Loss Retention	32	2.31%			0.0013	0
13	32	2.5170			8.7046	0
14					0.7040	U
15 Gas Storage						
16 FT-A & FT-G Market Area Withdrawals				721,768	6.0150	4,341,432
17 FT-A & FT-G Market Area Injections				0	7.7740	0
18 Withdrawal Rate	61			Ü	0.0087	6,279
19 Injection Rate	61				0.0087	0,270
20 Fuel and Loss Retention	61	1.81%			0.0007	144
21 Total	01	1.0170	-	721,768	6.0239	4,347,855
22				721,700	0.0239	4,547,655
23						
23						
24 25 Total Tennessee Gas Zones			-	1,183,202	6.7855	8,028,584
20 10 (41 101 11 10 10 10 10 10 10 10 10 10 10 1			=	.,,20,202	0000	3,020,001

Expected (	ergy Corporation Gas Cost (EGC) Calculation Gas Company						Exhibit B Page 5 of 8
Commodit	у	(a)	(b)	(c)	(d)	(e)	(f)
Line No. Description		Tariff Sheet No.		Purch	nases	Rate	Total
	•			Mcf	MMbtu	\$/MMbtu	\$
2 3 4 5 6 7 8 9	Firm Transportation Expected Volumes Indexed Gas Cost Base Commodity ACA Fuel and Loss Retention	13 13 13	1.28%		245,000	7.7740 0.0130 0.0015 0.0928 7.8813	1,904,630 3,185 368 22,736 1,930,919
Non-Comr	nodity						
		(a)	(b)	(c)	(d) on-Commo	(e) dity	
Line		Tariff	Annual				_
No.	Description	Sheet No.	Units	Rate	Total	Demand	_
	Injections		MMbtu	\$/MMbtu	\$	\$	
10	FT-G Contract # 014573		38,750				
11	Discount Rate on MDQs		22,130	5.3754	208,297	208,297	

208,297

208,297

13 Total Trunkline Area Non-Commodity

28

29 30

Expected Gas Cost (EGC) Calculation Demand Charge Calculation Exhibit B Page 6 of 8

Line No.		(a)	(b)	(c)	(d)	(e)
		. , ,	, ,	. ,	, ,	. ,
1	Total Demand Cost:					
2	Texas Gas Transmission	\$17,908,002				
3	Midwestern	0				
4	Tennessee Gas Pipeline	3,269,739				
5	Trunkline Gas Company	208,297				
6	Total	\$21,386,038				
7						
8			Allocated	Related	Monthly De	emand Charge
9	Demand Cost Allocation:	Factors	Demand	Volumes	Firm	Interruptible
10	All	0.1427	\$3,051,788	16,292,447	0.1873	0.1873
11	Firm	0.8573	18,334,250	16,047,087	1.1425	
12	Total	1.0000	\$21,386,038	•	1.3298	0.1873
13				:		
14			Volumetric	Basis for		
15		Annualized	Monthly Dema	and Charge		
16		Mcf @14.65	All	Firm		
17	Firm Service					
18	Sales:					
19	G-1	16,047,087	16,047,087	16,047,087	1.3298	
20		, ,	, ,	, ,		
21	Interruptible Service					
22	Sales:					
23	G-2	245,359	245,359		1.3298	0.1873
24			,			
25	Transportation Service					
26	T-3 & T-4	31,126,320				
27		·				

47,418,767

16,292,447

16,047,087

Expected Gas Cost (EGC) Calculation Commodity - Total System

Exhibit B Page 7 of 8

(a)

(b)

(c)

(d)

Line

No. Description		Purchas	es	Rate	Total
		Mcf	MMbtu	\$/Mcf	\$
1 Texas Gas Area					
2 No Notice Service		1,769,410	1,773,320	7.9373	14,044,343
3 Firm Transportation		1,447,699	1,450,899	7.9202	11,466,015
4 No Notice Storage		2,107,950	2,112,609	6.1744	13,015,362
5 Total Texas Gas Area		5,325,059	5,336,828	7.2348	38,525,720
6		, ,	, ,		, ,
7 <u>Tennessee Gas Area</u>					
8 FT-A and FT-G		434,864	461,434	8.4641	3,680,729
9 FT-GS		0	0	0.0000	0
10 Gas Storage					
11 Injections		0	0	0.0000	0
12 Withdrawals		680,207	721,768	6.3920	4,347,855
13		1,115,071	1,183,202	7.2001	8,028,584
14 Trunkline Gas Area					
15 Firm Transportation		244,460	245,000	7.8987	1,930,919
16		,	,		, ,
17 Company Owned Storage					
18 Withdrawals		1,378,186	1,381,232	6.1608	8,490,729
19 Injections		0	0	0.0000	0
20 Net WKG Storage		1,378,186	1,381,232	6.1608	8,490,729
21		, ,	, ,		, ,
22					
23 Local Production		9,639	10,228	7.7740	74,934
24					
25					
26					
27 Total Commodity Purchases		8,072,415	8,156,490	7.0674	57,050,886
28					
29 Lost & Unaccounted for @	1.72%	138,846	140,292		
30					
31 Total Deliveries		7,933,569	8,016,198	7.1911	57,050,886
32					
33					
34					
35 Total Expected Commodity Cost		7,933,569	8,016,198	7.1911	57,050,886
36					

36 37

38 Note: Column (c) is calculated by dividing column (d) by column (a)

39

Expected Gas Cost (EGC) Calculation Load Factor Calculation for Demand Allocation Exhibit B Page 8 of 8

### Line

No.	Description	MCF	
	Annualized Volumes Subject to Demand Charges		
1	Sales Volume	16,292,447	
2	Transportation	0	
3	Total Mcf Billed Demand Charges	16,292,447	
4	Divided by: Days/Year	365	
5	Average Daily Sales and Transport Volumes	44,637	
6			
7	Peak Day Sales and Transportation Volume		
8	Estimated total company firm requirements for 5 degree average		
9	temperature days from Peak Day Book - with adjustments per rate filing	312,714	Mcf/Peak Day
10			
11			
12	New Load Factor (line 5 / line 9)	0.1427	
13	•		

Basis for Indexed Gas Cost For the Quarter ending January - 2023

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

A. The Gas Supply Department reviewed the NYMEX futures close prices for the quarter of November 2022 through January 2023 during the period September 13 through September 26, 2022.

		Nov-22 (\$/MMBTU)	Dec-22 (\$/MMBTU)	Jan-23 (\$/MMBTU)
Tuesday	09/13/22	8.334	8.477	8.573
Wednesday	09/14/22	9.167	9.310	9.407
Thursday	09/15/22	8.372	8.522	8.620
Friday	09/16/22	7.811	7.966	8.067
Monday	09/19/22	7.804	7.966	8.074
Tuesday	09/20/22	7.772	7.932	8.046
Wednesday	09/21/22	7.827	7.990	8.109
Thursday	09/22/22	7.193	7.378	7.522
Friday	09/23/22	6.992	7.203	7.366
Monday	09/26/22	7.014	7.235	7.398
Average		\$7.829	\$7.998	\$8.118

B. The Company believes prices are increasing and prices for the quarter ending January 31, 2023 will settle at \$7.774 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 - 2023

November-22			December-22		January-23			Total				
<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	Volumes	Rate	<u>Value</u>	Volumes	<u>Rate</u>	<u>Value</u>		Volumes	<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

Atmos Energy Corporation Correction Factor (CF) For the Three Months Ended July 2022 2022-00307

Exhibit D Page 1 of 6

Line   Month   Actual Purchased   Recoverable   Recovered   Recovery   Amount   Adjustments   Total		(a)	(b)	(c)	(d) Actual GCA	(e) Under (Over)	(f)		(g)
No.   Month   Volume (Mcf)   Gas Cost   Gas Cost   Amount   Adjustments   Total	Line		Actual Purchased	Recoverable		` ,			
June-22 477,851 \$9,280,553.85 \$2,932,653.05 \$6,347,900.80 \$0.00 \$6,347,900.80  July-22 519,710 \$5,755,863.62 \$2,596,265.15 \$3,159,598.47 \$0.00 \$3,159,598.47  Under/(Over) Recovery \$15,999,309.41 \$10,593,624.31 \$5,405,685.10 \$0.00 \$5,405,685.10  PBR Savings reflected in Gas Costs \$1,344,920.32 \$11 (Over)/Under Recovered Gas Cost through April 2022 (May 2022 GL) \$10,238,986.14 \$10		Month				,	Adjustments		Total
June-22		May-22	472,476	\$962,891.94	\$5,064,706.11	(\$4,101,814.17)	\$0.00		(\$4,101,814.17)
July-22   519,710   \$5,755,863.62   \$2,596,265.15   \$3,159,598.47   \$0.00   \$3,159,598.47		June-22	<i>4</i> 77 851	\$9 280 553 85	\$2 932 653 05	\$6 347 900 80	\$0.00		\$6 347 900 80
Under/(Over) Recovery   \$15,999,309.41   \$10,593,624.31   \$5,405,685.10   \$0.00   \$5,405,685.10		ounc 22	477,001	ψ0,200,000.00	Ψ2,302,000.00	ψο,ο+1,000.00	Ψ0.00		ψο,ο+7,500.00
Under/(Over) Recovery   \$15,999,309.41   \$10,593,624.31   \$5,405,685.10   \$0.00   \$5,405,685.10		July-22	519,710	\$5,755,863.62	\$2,596,265.15	\$3,159,598.47	<u>\$0.00</u>		\$3,159,598.47
Number/(Over) Recovery   \$15,999,309.41   \$10,593,624.31   \$5,405,685.10   \$0.00   \$5,405,685.10   \$									
PBR Savings reflected in Gas Costs \$1,344,920.32    Correction Factor - Part 1		Under//Over) Been	Von.	¢15 000 200 41	¢40 E02 C24 24	¢E 40E 60E 10	00.00		ΦΕ 40E COE 10
PBR Savings reflected in Gas Costs   \$1,344,920.32		Onder/(Over) Reco	very	<u>\$15,999,309.41</u>	<u>\$10,593,624.51</u>	<u>\$5,405,665.10</u>	<u>\$0.00</u>		<u>\$5,405,065.10</u>
11		PBR Savings reflec	ted in Gas Costs	\$1,344,920.32					
13	11	ŭ	_	, ,					
Total Gas Cost Under/(Over) Recovery for the three months ended July 2022   5,405,685.10     Recovery from outstanding Correction Factor (CF)   (958,323.09)     Over-Refunded Amount of Pipeline Refunds       Prior Net Uncollectible Gas Cost as of November, 2020   (Over)/Under Recovered Gas Cost through July 2022 (August 2022 GL) (a)   \$14,686,348.15     Divided By: Total Expected Customer Sales (b)   16,292,447   Mcf     Correction Factor - Part 1   \$0.9014   / Mcf     Correction Factor - Part 2   291,376.25     Divided By: Total Expected Customer Sales (b)   16,292,447     Correction Factor - Part 2   \$0.0179   / Mcf     Correction Factor - Part 2   \$0.0179   / Mcf     Correction Factor - Total (CF)   (Correction Factor - Total (CF)   (CF)   (Correction Factor - Total (CF)   (CF)   (Correction Factor - Total (CF)									
Recovery from outstanding Correction Factor (CF) (958,323.09)   16									
Over-Refunded Amount of Pipeline Refunds Prior Net Uncollectible Gas Cost as of November, 2020 (Over)/Under Recovered Gas Cost through July 2022 (August 2022 GL) (a)  Divided By: Total Expected Customer Sales (b)  Correction Factor - Part 1  Correction Factor - Part 2  Net Uncollectible Gas Cost through November 2021 (c) Divided By: Total Expected Customer Sales (b)  Correction Factor - Part 2  Net Uncollectible Gas Cost through November 2021 (c) Divided By: Total Expected Customer Sales (b)  Correction Factor - Part 2  Correction Factor - Part 2  Correction Factor - Part 2  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost Divided By: Total Expected Customer Sales (b)  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost Divided By: Total Expected Customer Sales (b)  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost  \$14,977,724.40  16,292,447  Correction Factor - Total (CF)			` '		led July 2022		, ,		
Prior Net Uncollectible Gas Cost as of November, 2020   0.00							(958,323.09)		
18			•				0.00		
Divided By: Total Expected Customer Sales (b)  Correction Factor - Part 1  Correction Factor - Part 1  Correction Factor - Part 2  Net Uncollectible Gas Cost through November 2021 (c)  Divided By: Total Expected Customer Sales (b)  Correction Factor - Part 2  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost  Divided By: Total Expected Customer Sales (b)  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost  \$14,977,724.40  16,292,447  Correction Factor - Total (CF)  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost  \$14,977,724.40  16,292,447				,	000 CL \ (=\	-			
20					022 GL) (a)	-		Mof	
Correction Factor - Part 1		Divided by. Total E	expected Customer Sales	s (b)			10,292,447	IVICI	
22		Correction Factor -	Part 1				\$0.9014	/ Mcf	
Correction Factor - Part 2   291,376.25		Composition radio.					<b>40.00</b> 1.1	,	
24         Net Uncollectible Gas Cost through November 2021 (c)         291,376.25           25         Divided By: Total Expected Customer Sales (b)         16,292,447           26         \$0.0179         / Mcf           27         Correction Factor - Part 2         \$0.0179         / Mcf           28         Correction Factor - Total (CF)         \$14,977,724.40         \$14,977,724.40         \$16,292,447           30         Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost         \$14,977,724.40         \$16,292,447           32         Correction Factor - Total (CF)         \$0.9193         / Mcf		Correction Factor -	Part 2						
26 27				per 2021 (c)			291,376.25		
Correction Factor - Part 2	25	Divided By: Total E	Expected Customer Sale:	s (b)		-	16,292,447		
Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost Divided By: Total Expected Customer Sales (b)  Correction Factor - Total (CF)  Correction Factor - Total (CF)  Substituting the following services and the following services are substituted by the following services and the following services are substituted by the following services are subs									
29       Correction Factor - Total (CF)       \$14,977,724.40         30       Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost       \$14,977,724.40         31       Divided By: Total Expected Customer Sales (b)       16,292,447         32       \$0.9193       / Mcf		Correction Factor -	Part 2	_	\$0.0179	/ Mcf			
Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost  Divided By: Total Expected Customer Sales (b)  Correction Factor - Total (CF)  Total Deferred Balance through July 2022 (August 2022 GL) incl. Net Uncol Gas Cost  \$14,977,724.40  16,292,447  \$0.9193 / Mcf									
31 Divided By: Total Expected Customer Sales (b) 32 33 Correction Factor - Total (CF) \$0.9193 / Mcf									
32 33 Correction Factor - Total (CF) \$0.9193 / Mcf			• • •	,	I. Net Uncol Gas Cost	_			
33 Correction Factor - Total (CF) \$0.9193 / Mcf		Divided By: Total E	expected Customer Sales		16,292,447				
		Correction Factor		\$0,9193	/ Mcf				
			( /			=	7		

Correction Factor (CF) For the Three Months Ended April 2022 2022-00188

	(a)	(b)	(c)	(d) Actual GCA	(e) Under (Over)	(f)	(g)
Line No.	Month	Actual Purchased Volume (Mcf)	Recoverable Gas Cost	Recovered Gas Cost	Recovery Amount	Adjustments	Total
1 2	February-22	February-22 2,993,819 \$16,528,196.64 \$19,041,167		\$19,041,167.43	(\$2,512,970.79)	\$0.00	(\$2,512,970.79)
3 4	March-22	1,904,589	\$14,400,133.58	\$12,721,308.14	\$1,678,825.44	\$1,678,825.44	
5 6 7	April-22	1,239,444	<u>\$12,492,157.79</u>	\$9,487,737.27	<u>\$3,004,420.52</u>	\$0.00	<u>\$3,004,420.52</u>
8 9	Under/(Over) Reco	overy	<u>\$43,420,488.01</u>	\$41,250,212.84	\$2,170,275.17	<u>\$0.00</u>	<u>\$2,170,275.17</u>
10 11	PBR Savings refle	cted in Gas Costs	\$0.00				
12 13 14	Correction Factor (Over)/Under Recorded Gas Cost Un	10,077,366.37 2,170,275.17					
15 16	Over-Refunded Ar	standing Correction F nount of Pipeline Refu	ınds			(2,008,655.40)	
17 18		tible Gas Cost as of N overed Gas Cost throu	,	2022 GL) (a)		0.00 \$10,238,986.14	
19 20	` '	Expected Customer S	0 1 ,	2022 OL) (a)		16,292,447	Mcf
21 22	Correction Factor	- Part 1				\$0.6284	/ Mcf
23	Correction Factor						
24		Gas Cost through Nov	` '			291,376.25	
25 26	Divided By: Total	Expected Customer S	Sales (b)			16,292,447	
27 28	Correction Factor	- Part 2	\$0.0179	/ Mcf			
29	Correction Factor	- Total (CF)					
30		ance through April 20	` ,		\$10,530,362.39		
31	Divided By: Total	Expected Customer S	Sales (b)		16,292,447		
32 33	Correction Factor	r - Total (CF)				\$0.6463	/ Mcf
34							

Note: During our Filed Amended GCA in case 2022-00188, we had inadvertently forgot to update the PPA amounts in exhibit D.4. This caused our Correction Factor to be higher than anticipated. The correction to this exhibit, reflects the correction that was needed and causes the overall GCA rate effective August 2022 to decrease based on our amended filing.

Recoverable Gas Cost Calculation For the Three Months Ended July 2022 2022-00307 Exhibit D Page 2 of 6

		GL	June-22	July-22	August-22
Line		_	(a)	(b) Month	(c)
No.	Description	Unit	May-22	June-22	July-22
1	Supply Volume				
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 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	1,995,817	1,615,142	1,617,022
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	5,745
14	Injections	Mcf	(880,030)	(715,412)	(725,454)
15	Producers	Mcf	1,717	3,154	5,357
16	Third Party Reimbursements	Mcf	(145)	(153)	(74)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances <sup>2</sup>	Mcf	(644,883)	(424,880)	(382,886)
19	Total Supply	Mcf	472,476	477,851	519,710
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf _	472,476	477,851	519,710

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

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

Recoverable Gas Cost Calculation For the Three Months Ended July 2022 2022-00307 Exhibit D Page 3 of 6

		GL	June-22	July-22	August-22
Line			(a)	(b) Month	(c)
No.	Description	Unit	May-22	June-22	July-22
1	Supply Cost	_			
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	\$	1,294,229	1,250,210	1,286,274
4	Tennessee Gas Pipeline <sup>1</sup>	\$	200,020	188,364	188,880
5	Trunkline Gas Company <sup>1</sup>	\$	7,313	7,080	7,317
6	ANR <sup>1</sup>	\$	15,817	15,817	15,817
7	Twin Eagle Resource Management	\$	0	0	0
8	Total Pipeline Supply	\$	1,517,379	1,461,470	1,498,288
9	Total Other Suppliers	\$	14,814,913	14,729,837	10,721,660
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	\$	(6,653,454)	(6,452,398)	(4,845,517)
18	Producers	\$	13,121	25,465	35,143
19	Third Party Reimbursements	\$	(980)	(1,030)	(554)
20	Pipeline Imbalances cashed out	\$	0	0	0
21	System Imbalances <sup>2</sup>	\$	(8,876,040)	(630,745)	(1,801,111)
22	Sub-Total	\$	962,892	9,280,554	5,755,864
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	962,891.94	9,280,553.85	5,755,863.62

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

<sup>&</sup>lt;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 2022

2022-00307

38

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) Line CF CF RF RF PBR **PBRRF** EGC **EGC Recovery** Total No. Month Type of Sales Mcf Sold Rate Amounts Rate Amounts Rate Amounts Rate Amounts Recoveries May-22 G-1 Sales 742.258.100 \$0.6364 \$472.373.05 \$0.0000 \$0.00 \$0.1431 \$106.217.13 \$6,7086 \$4.979.512.69 \$5.558.102.87 G-2 Sales 11,468.100 \$0.6364 7,298.30 \$0.0000 0.00 \$0.1431 1.641.09 \$5.5604 \$72,706.61 2 63,767.22 Sub Total 753,726.200 \$479,671.35 \$0.00 \$107,858.22 \$5,043,279.91 \$5,630,809.48 6 7 Timing: Cycle Billing and PPA's 0.000 (7,631.64)0.00 (2,854.10)21,426.20 \$10,940.46 8 Total 753,726.200 \$472,039.71 \$0.00 \$105,004.12 \$5,064,706.11 \$5,641,749.94 \$5,536,745.82 9 10 11 June-22 G-1 Sales 411,872.922 \$0.6364 \$262,115.93 \$0.0000 \$0.00 \$0.1431 \$58,939.02 \$6.7086 \$2,763,090.69 \$3,084,145.64 G-2 Sales \$0.6364 \$0.0000 0.00 \$0.1431 \$5.5604 12 5,650.354 3,595.89 808.57 31,418.23 \$35,822.69 16 Sub Total 417,523.276 \$265,711.82 \$0.00 \$59,747.59 \$2,794,508.92 \$3,119,968.33 17 Timing: Cycle Billing and PPA's 0.00 (29,587.22)\$108,864.40 0.000 307.49 138,144.13 417,523.276 \$266,019.31 \$0.00 \$30,160.37 \$2,932,653.05 18 Total \$3,228,832.73 \$3,198,672.36 19 20 21 July-22 G-1 Sales 342,908.934 \$0.6364 \$218,227.25 \$0.0000 \$0.00 \$0.1431 \$49,070.27 \$6.7086 \$2,300,438.88 \$2,567,736.40 22 G-2 Sales 3.219.721 \$0.6364 2,049.03 \$0.0000 0.00 \$0.1431 460.74 \$5.5604 17,902.94 \$20,412.71 26 Sub Total 346,128.655 \$220,276.28 \$0.00 \$49,531.01 \$2,318,341.82 \$2,588,149.11 27 Timing: Cycle Billing and PPA's 0.000 (12.21)0.00 6.233.16 277.923.33 \$284,144.28 28 Total 346.128.655 \$220,264,07 \$0.00 \$55,764,17 \$2.596.265.15 \$2,872,293.39 \$2.816.529.22 29 30 31 Total Recovery from Correction Factor (CF) \$958.323.09 32 Total Amount Refunded through the Refund Factor (RF) \$0.00 Total Recovery from Performance Based Rate Recovery Factor (PBRRF) \$190,928.66 33 34 Total Recoveries from Expected Gas Cost (EGC) Factor \$10,593,624.31 35 Total Recoveries from Gas Cost Adjustment Factor (GCA) \$11,742,876.06 36 37

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.

\$11,551,947.40

Exhibit D

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Recovery from Correction Factors (CF) For the Three Months Ended April 2022

2022-00188

Line No.		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 2 6 7 8 9	February-22	G-1 Sales G-2 Sales Sub Total Timing: Cycle Billing and PPA's Total	3,530,809,948 8,939.762 3,539,749.711 0.000 3,539,749.711	\$0.2644 \$0.2644	\$933,546.15 2,363.67 \$935,909.82 (15,275.27) \$920,634.55	\$0.0000 \$0.0000	\$0.00 0.00 \$0.00 0.00 \$0.00	\$0.1431 \$0.1431 	\$505,258.90 1,279.28 \$506,538.18 5,105.93 \$511,644.11	\$5.3477 \$4.0363 _	\$18,881,712.36 36,083.56 \$18,917,795.92 123,371.51 \$19,041,167.43	\$20,320,517.41 \$39,726.51 \$20,360,243.92 \$113,202.17 \$20,473,446.09	\$19,961,801.98
11 12 16 17 18 19	March-22	G-1 Sales G-2 Sales Sub Total Timing: Cycle Billing and PPA's Total	2,356,742.832 5,691.123 2,362,433.956 0.000 2,362,433.956	\$0.2644 \$0.2644	\$623,122.80 1,504.73 \$624,627.53 (721.03) \$623,906.50	\$0.0000 \$0.0000	\$0.00 0.00 \$0.00 0.00 \$0.00	\$0.1431 \$0.1431 	\$337,249.90 814.40 \$338,064.30 3,168.03 \$341,232.33	\$5.3477 \$4.0363 _	\$12,603,153.64 22,971.08 \$12,626,124.72 95,183.42 \$12,721,308.14	\$13,563,526.34 \$25,290.21 \$13,588,816.55 \$97,630.42 \$13,686,446.97	\$13,345,214.64
20 21 22 26 27 28 29	April-22	G-1 Sales G-2 Sales Sub Total Timing: Cycle Billing and PPA's Total	1,744,876.684 10,580.280 1,755,456.964 0.000 1,755,456.964	\$0.2644 \$0.2644	\$461,345.40 2,797.43 \$464,142.83 (28.48) \$464,114.35	\$0.0000 \$0.0000	\$0.00 0.00 \$0.00 0.00 \$0.00	\$0.1431 \$0.1431 	\$249,691.85 1,514.04 \$251,205.89 40,945.18 \$292,151.07	\$5.3477 \$4.0363 _	\$9,331,077.04 42,705.18 \$9,373,782.22 113,955.05 \$9,487,737.27	\$10,042,114.29 \$47,016.65 \$10,089,130.94 \$154,871.75 \$10,244,002.69	\$9,951,851.62
30 31 32 33 34 35 36 37	Total Recovery from Total Amount Refun Total Recovery from Total Recoveries fro Total Recoveries fro	,	=	\$2,008,655.40	=	\$0.00	=	\$1,145,027.51	- -	\$41,250,212.84	<u>\$44,403,895.75</u>	\$43,258,868.24	

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.

The amended filing correction factor calculation was incorrect for case 2022-00188, Line No.(s) 7, 17, 27 for the PPA's were not updated. We had inadvertently forgotten to update this piece of the calculation. However, in this new corrected exhibit D.4, we have corrected the calculation to reflect the correct values.

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Prior Qtr Corrected Exhibit D

Exhibit D Page 5 of 6

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

		May, 2022		June	e, 2022	July, 2022	
	Description	MCF	Cost	MCF	Cost	MCF	Cost
1 2 3 4 5 6 7 8 9 10 11 12 13 14	Texas Gas Pipeline Area  LG&E Natural  Texaco Gas Marketing  CMS  WESCO  Southern Energy Company  Union Pacific Fuels  Atmos Energy Marketing, LLC  Engage  ERI  Prepaid  Reservation  Hedging Costs - All Zones						
15 16	Total	1,704,252	\$12,591,755	1,386,248	\$12,586,096	1,370,258	\$9,034,165
17 18 19 20 21 22 23 24 25	Tennessee Gas Pipeline Area Chevron Natural Gas, Inc. Atmos Energy Marketing, LLC WESCO Prepaid Reservation Fuel Adjustment						
26 26	Total	261,045	\$1,995,764	199,959	\$1,883,556	214,537	\$1,478,457
27							
28 29 30 31 32 33 34	Trunkline Gas Company Atmos Energy Marketing, LLC Engage Prepaid Reservation Fuel Adjustment						
35 36 37 38	Total	30,164	\$221,529	30,164	\$269,252	31,169	\$198,040
39 40 41 42 43 44 45	Midwestern Pipeline Atmos Energy Marketing, LLC Midwestern Gas Transmission Anadarko Prepaid Reservation Fuel Adjustment						
48	Total	356	\$6,159	(1,229)	(\$9,067)	1,058	\$10,998
49 50 51 52 53 54 55 56	ANR Pipeline Atmos Energy Marketing, LLC LG&E Natural Anadarko Prepaid Reservation Fuel Adjustment						
57 58 59	Total	0	(\$294)	0	\$0	0	\$0
60 61 62 63	All Zones Total	1,995,817	\$14,814,913	1,615,142	\$14,729,837	1,617,022	\$10,721,660
64 65		**** Detail of Volu	mes and Prices Has B	een Filed Under P	etition for Confidential	ity ****	

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