

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2020-00315

NOTICE

QUARTERLY FILING

For The Period

November 01, 2020 - January 31, 2021

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

September 30, 2020

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:

Mark A. Martin
Vice President of Rates & Regulatory Affairs
Kentucky/Mid-States Division
Atmos Energy Corporation
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Owensboro, Kentucky 42303

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Atmos Energy Corporation
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Dallas, Texas 75240

Anthony Croissant
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-Fifth Revised Sheet No. 4, Thirty-Fifth Revised Sheet No. 5, and Thirty-Fifth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective November 01, 2020.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.9108 per Mcf and \$2.6571 per Mcf for interruptible sales service. The supporting calculations for the Thirty-Fifth 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 – Refund Factor (RF) Calculation

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

Since the Company's last GCA filing, Case No. 2020-00213, 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, 2020 through January 31, 2021 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$4.2605 per Mcf for the quarter of November 01, 2020 through January 31, 2021 as compared to \$3.4894 per Mcf used

for the period of August 01, 2020 through October 31, 2020. The G-2 Expected Commodity Gas Cost will be approximately \$3.0068 for the quarter November 01, 2020 through January 31, 2021 as compared to \$2.2362 for the period of August 01, 2020 through October 31, 2020.

3. The Company's notice sets out a new Correction Factor of (\$0.5666) per Mcf which will remain in effect until at least January 31, 2021.
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, 2020 (August 2020 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-Fifth Revised Sheet No. 5; and Thirty-Fifth 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, 2020.

DATED at Dallas, Texas this 30th day of September, 2020.

ATMOS ENERGY CORPORATION

By: /s/ Anthony Croissant
Anthony Croissant
Sr. Rate Administration Analyst
Atmos Energy Corporation

Current Rate Summary

Case No. 2020-00315

Firm Service

Base Charge:

Residential (G-1)	-	\$19.30	per meter per month	(-)
Non-Residential (G-1)	-	51.75	per meter per month	(-)
Transportation (T-4)	-	435.00	per delivery point per month	(-)
Transportation Administration Fee	-	50.00	per customer per meter	(-)

Rate per Mcf²

			<u>Sales (G-1)</u>		<u>Transportation (T-4)</u>	
First	300	¹ Mcf	@ 5.2963	per Mcf	@ 1.3855	per Mcf (I, -)
Next	14,700	¹ Mcf	@ 4.8686	per Mcf	@ 0.9578	per Mcf (I, -)
Over	15,000	Mcf	@ 4.6759	per Mcf	@ 0.7651	per Mcf (I, -)

Interruptible Service

Base Charge

Sales (G-2)	-	435.00	per delivery point per month	(-)
Transportation (T-3)	-	435.00	per delivery point per month	(-)
Transportation Administration Fee	-	50.00	per customer per meter	(-)

Rate per Mcf²

			<u>Sales (G-2)</u>		<u>Transportation (T-3)</u>	
First	15,000	¹ Mcf	@ 3.4898	per Mcf	@ 0.8327	per Mcf (I, -)
Over	15,000	Mcf	@ 3.2958	per Mcf	@ 0.6387	per Mcf (I, -)

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 September 30, 2020
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2020
MONTH / DATE / YEAR

ISSUED BY /s/ Mark A. Martin
SIGNATURE OF OFFICER

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2020-00315 DATED N/A

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-FIFTH REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTY-FOURTH REVISED SHEET NO. 5

Current Gas Cost Adjustments

Case No. 2020-00315

Applicable

For all Mcf billed under General Sales Service (G-1) and Interruptible Sales Service (G-2).

Gas Charge = GCA

GCA = EGC + CF + RF + PBRRF

<u>Gas Cost Adjustment Components</u>	<u>G - 1</u>	<u>G-2</u>	
EGC (Expected Gas Cost Component)	4.2605	3.0068	(I, I)
CF (Correction Factor)	(0.5666)	(0.5666)	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.2169</u>	<u>0.2169</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$3.9108</u></u>	<u><u>\$2.6571</u></u>	(I, I)

DATE OF ISSUE September 30, 2020
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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 2020-00315 DATED N/A

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-FIFTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTY-FOURTH REVISED SHEET NO. 6

Current Transportation

Case No. 2020-00315

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

System Lost and Unaccounted gas percentage:

1.84%

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

¹ Excludes standby sales service.

DATE OF ISSUE September 30, 2020
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2020
MONTH / DATE / YEAR

ISSUED BY /s/ Mark A. Martin
SIGNATURE OF OFFICER

TITLE Vice President – Rates & Regulatory Affairs

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2020-00315 DATED N/A

Line No.	Description	Case No.		Difference
		(a) 2020-00213 \$/Mcf	(b) 2020-00315 \$/Mcf	
1	<u>G - 1</u>			
2				
3	<u>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	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	2.0189	2.7899	0.7710
11	Demand	1.4705	1.4706	0.0001
12	Total EGC	3.4894	4.2605	0.7711
13	CF (Correction Factor)	(0.6497)	(0.5666)	0.0831
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.2169	0.2169	0.0000
16	GCA (Gas Cost Adjustment)	3.0566	3.9108	0.8542
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	4.4421	5.2963	0.8542
20	Next 14,700 Mcf	4.0144	4.8686	0.8542
21	Over 15,000 Mcf	3.8217	4.6759	0.8542
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2015-00343)</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	2.0189	2.7899	0.7710
33	Demand	0.2173	0.2169	(0.0004)
34	Total EGC	2.2362	3.0068	0.7706
35	CF (Correction Factor)	(0.6497)	(0.5666)	0.0831
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.2169	0.2169	0.0000
38	GCA (Gas Cost Adjustment)	1.8034	2.6571	0.8537
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	2.6361	3.4898	0.8537
42	Over 14,700 Mcf	2.4421	3.2958	0.8537

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2020-00213	2020-00315	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<u>T -4 Transportation Service / Firm Service (High Priority)</u>			
2				
3	<u>Simple Margin / Distribution Charge (per Case No. 2015-00343)</u>			
4	First 300 Mcf	1.3855	1.3855	0.0000
5	Next 14,700 Mcf	0.9578	0.9578	0.0000
6	Over 15,000 Mcf	0.7651	0.7651	0.0000
7				
8				
9	<u>T - 3 / Interruptible Service (Low Priority)</u>			
10				
11	<u>Simple Margin / Distribution Charge (per Case No. 2015-00343)</u>			
12	First 15,000 Mcf	0.8327	0.8327	0.0000
13	Over 15,000 Mcf	0.6387	0.6387	0.0000
14				

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units MMbtu	(c) Rate \$/MMbtu	(d) (e) Non-Commodity	
					Total \$	Demand \$
1	<u>SL to Zone 2</u>					
2	NNS Contract #	29760	12,340,360			
3	Base Rate	Section 4.4 - NNS		0.3088	3,810,703	3,810,703
4						
5	Total SL to Zone 2		12,340,360		3,810,703	3,810,703
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		0.2939	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	<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		323,400		106,140	106,140
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		0.3670	669,775	669,775
34						
38	Total SL to Zone 4		5,145,769		2,061,177	2,061,177
39						
40	<u>Zone 2 to Zone 4</u>					
41	FT Contract #	34674	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	<u>Zone 3 to Zone 3</u>					
47	FT Contract #	36773	1,070,000			
48	Base Rate	Section 4.1 - FT		0.1493	159,751	159,751
49						
50	Total Zone 3 to Zone 3		1,070,000		159,751	159,751
51						
52	Total SL to Zone 2		12,340,360		3,810,703	3,810,703
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		1,070,000		159,751	159,751
58						
59	Total Texas Gas		58,619,437		19,457,170	19,457,170
60						
61						
62	Total Texas Gas Area Non-Commodity				19,457,170	19,457,170

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 MMbtu	Rate \$/MMbtu	Total \$	Demand \$
1	<u>0 to Zone 2</u>					
2	FT-G Contract # 2546		145,000			
3	Base Rate	23		13.9581	2,023,925	2,023,925
4						
5	FT-A Contract # 95033		144,000			
6	Base Rate	14		13.9581	2,009,966	2,009,966
7						
8	Total Zone 0 to 2		<u>289,000</u>		<u>4,033,891</u>	<u>4,033,891</u>
9						
10	<u>1 to Zone 2</u>					
11	FT-A Contract # 300264		30,000			
12	Base Rate	14		9.4788	284,364	284,364
13						
14	Total Zone 1 to 2		<u>30,000</u>		<u>284,364</u>	<u>284,364</u>
15						
16	<u>Gas Storage</u>					
17	Production Area:					
18	Demand	61	34,968	1.8222	63,719	63,719
19	Space Charge	61	4,916,148	0.0185	90,949	90,949
20	Market Area:					
21	Demand	61	237,408	1.3386	317,794	317,794
22	Space Charge	61	10,846,308	0.0183	198,487	198,487
23	Total Storage		<u>16,034,832</u>		<u>670,949</u>	<u>670,949</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity				<u><u>4,989,204</u></u>	<u><u>4,989,204</u></u>

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)	(d)	(e)	(f)
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>No Notice Service</u>				2,271,509		
2	Indexed Gas Cost					3.1550	7,166,612
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	111,304
4	Fuel and Loss Retention @	Section 4.18.1	0.47%			0.0149	33,845
5							
6							
7	<u>Firm Transportation</u>				1,858,508		
8	Indexed Gas Cost					3.1550	5,863,592
9	Base (Weighted on MDQs)					0.0442	82,146
10	ACA	Section 4.1 - FT				0.0011	2,044
11	Fuel and Loss Retention @	Section 4.18.1	0.47%			0.0149	27,692
12							
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				1,795,221	1.8840	3,382,196
16	Injections				0	3.1550	0
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	87,966
18	Fuel and Loss Retention @	Section 4.18.1	0.47%			0.0149	26,749
19							
20							
21							
22	Total Purchases in Texas Area				5,925,238	2.8327	16,784,146
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		12,340,360	21.44%	\$0.0399	\$ 0.0086
31	SL to Zone 3	Section 4.1 - FT		37,430,188	65.04%	0.0445	\$ 0.0289
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	8.94%	0.0528	\$ 0.0047
34	2 to Zone 4	Section 4.1 - FT		2,309,720	4.01%	0.0446	\$ 0.0018
35	Total			57,549,437	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					3.1550	1,542,199
3	Base Commodity (Weighted on MDQs)					0.0159	7,796
4	ACA	24				0.0011	538
5	Fuel and Loss Retention	32	2.00%			0.0644	31,479
6							
7						3.2364	1,582,012
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					3.1550	0
10	Base Rate	26				0.7794	0
11	ACA	24				0.0011	0
12	Fuel and Loss Retention	32	2.00%			0.0644	0
13							
14						3.9999	0
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				720,302	1.8840	1,357,049
17	FT-A & FT-G Market Area Injections				0	3.1550	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	1.8928	1,363,388
22							
23							
24							
25	Total Tennessee Gas Zones				1,209,113	2.4360	2,945,400

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				3.1550	772,975
4	Base Commodity	13			0.0051	1,250
5	ACA	13			0.0011	270
6	Fuel and Loss Retention	13	0.52%		0.0133	3,259
7					<u>3.1745</u>	<u>777,754</u>
8						
9						

Non-Commodity

Non-Commodity						
	(a)	(b)	(c)	(d)	(e)	
Line No.	Description	Tariff Sheet No.	Annual Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
Injections						
10	FT-G Contract # 014573		33,750			
11	Discount Rate on MDQs			5.3776	181,494	181,494
12						
13	Total Trunkline Area Non-Commodity				<u>181,494</u>	<u>181,494</u>

Atmos Energy Corporation
 Expected Gas Cost (EGC) Calculation
 Demand Charge Calculation

Line No.	(a)	(b)	(c)	(d)	(e)
1	<u>Total Demand Cost:</u>				
2	Texas Gas Transmission	\$19,457,170			
3	Midwestern	0			
4	Tennessee Gas Pipeline	4,989,204			
5	Trunkline Gas Company	181,494			
6	Total	\$24,627,868			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1492	\$3,674,478	16,941,089	0.2169 0.2169
11	Firm	0.8508	20,953,390	16,713,759	1.2537
12	Total	1.0000	\$24,627,868		1.4706 0.2169
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	16,713,759	16,713,759	16,713,759	1.4706
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	227,330	227,330		1.4706 0.2169
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	31,237,094			
27					
28		48,178,183	16,941,089	16,713,759	
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 <u>Texas Gas Area</u>				
2 No Notice Service	2,194,731	2,271,509	3.3315	7,311,761
3 Firm Transportation	1,795,689	1,858,508	3.3277	5,975,474
4 No Notice Storage	1,734,541	1,795,221	2.0160	3,496,911
5 Total Texas Gas Area	<u>5,724,961</u>	<u>5,925,238</u>	<u>2.9317</u>	<u>16,784,146</u>
6				
7 <u>Tennessee Gas Area</u>				
8 FT-A and FT-G	461,889	488,811	3.4251	1,582,012
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	680,630	720,302	2.0031	1,363,388
13	<u>1,142,519</u>	<u>1,209,113</u>	<u>2.5780</u>	<u>2,945,400</u>
14 <u>Trunkline Gas Area</u>				
15 Firm Transportation	237,633	245,000	3.2729	777,754
16				
17 <u>Company Owned Storage</u>				
18 Withdrawals	1,334,569	1,381,256	1.9479	2,599,607
19 Injections	0	0	0.0000	0
20 Net WKG Storage	1,334,569	1,381,256	1.9479	2,599,607
21				
22				
23 Local Production	13,665	14,462	3.1550	43,113
24				
25				
26				
27 Total Commodity Purchases	<u>8,453,347</u>	<u>8,775,069</u>	<u>2.7386</u>	<u>23,150,020</u>
28				
29 Lost & Unaccounted for @				
30				
31 Total Deliveries	<u>8,297,806</u>	<u>8,613,608</u>	<u>2.7899</u>	<u>23,150,020</u>
32				
33				
34				
35 Total Expected Commodity Cost	<u>8,297,806</u>	<u>8,613,608</u>	<u>2.7899</u>	<u>23,150,020</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	16,941,089
2	Transportation	<u>0</u>
3	Total Mcf Billed Demand Charges	16,941,089
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>46,414</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>310,985</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1492
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending January - 2021

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 2020 through January 2021 during the period September 14 through September 25, 2020.

		Nov-20 (\$/MMBTU)	Dec-20 (\$/MMBTU)	Jan-21 (\$/MMBTU)
Monday	09/14/20	2.740	3.160	3.284
Tuesday	09/15/20	2.741	3.158	3.282
Wednesday	09/16/20	2.664	3.120	3.249
Thursday	09/17/20	2.577	3.097	3.229
Friday	09/18/20	2.633	3.154	3.285
Monday	09/21/20	2.710	3.186	3.317
Tuesday	09/22/20	2.597	3.134	3.264
Wednesday	09/23/20	2.794	3.229	3.348
Thursday	09/24/20	2.899	3.343	3.451
Friday	09/25/20	2.807	3.277	3.398
Average		<u>\$2.716</u>	<u>\$3.186</u>	<u>\$3.311</u>

- B. The Company believes prices are increasing and prices for the quarter ending January 31, 2021 will settle at \$3.155 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 - 2021

	November-20			December-20			January-21			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	May-20	581,114	\$1,846,292.04	\$2,990,999.45	(\$1,144,707.41)	\$0.00	(\$1,144,707.41)
2							
3	June-20	87,569	\$2,181,832.66	\$1,546,072.31	\$635,760.35	\$0.00	\$635,760.35
4							
5	July-20	1,457,634	<u>\$2,747,782.46</u>	<u>\$1,294,533.15</u>	<u>\$1,453,249.31</u>	<u>\$0.00</u>	<u>\$1,453,249.31</u>
6							
7							
8	Under/(Over) Recovery		<u>\$6,775,907.16</u>	<u>\$5,831,604.91</u>	<u>\$944,302.25</u>	<u>\$0.00</u>	<u>\$944,302.25</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$998,904.93</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through April 2020 (May 2020 GL)					(11,207,585.05)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended July 2020					944,302.25	
15	Recovery from outstanding Correction Factor (CF)					463,660.40	
16	Over-Refunded Amount of Pipeline Refunds						
17	Prior Net Uncollectable Gas Cost as of November, 2018						
18	(Over)/Under Recovered Gas Cost through July 2020 (August 2020 GL) (a)					<u>(\$9,799,622.40)</u>	
19	Divided By: Total Expected Customer Sales (b)					16,941,089	Mcf
20							
21	Correction Factor - Part 1					<u>(\$0.5785)</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2019 (c)					201,125.03	
25	Divided By: Total Expected Customer Sales (b)					16,941,089	
26							
27	Correction Factor - Part 2					<u>\$0.0119</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through July 2020 (August 2020 GL) incl. Net Uncol Gas Cost					<u>(\$9,598,497.37)</u>	
31	Divided By: Total Expected Customer Sales (b)					16,941,089	
32							
33	Correction Factor - Total (CF)					<u><u>(\$0.5666)</u></u>	/ Mcf
34							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended July 2020
2020-00315

Line No.	Description	GL Unit	June-20	July-20	August-20
			(a)	(b)	(c)
			Month		
			May-20	June-20	July-20
1	Supply Volume				
2	Pipelines:				
3	Texas Gas Transmission ¹	Mcf	0	0	0
4	Tennessee Gas Pipeline ¹	Mcf	0	0	0
5	Trunkline Gas Company ¹	Mcf	0	0	0
6	Midwestern Pipeline ¹	Mcf	0	0	0
7	Total Pipeline Supply	Mcf	0	0	0
8	Total Other Suppliers	Mcf	1,881,609	1,316,028	1,802,494
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	3,072	0	0
14	Injections	Mcf	(832,365)	(729,842)	(705,191)
15	Producers	Mcf	4,421	4,345	5,696
16	Third Party Reimbursements	Mcf	(331)	(133)	(343)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(475,292)	(502,829)	354,978
19	Total Supply	Mcf	581,114	87,569	1,457,634
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	581,114	87,569	1,457,634

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 July 2020
2020-00315

Line No.	Description	GL Unit	June-20	July-20	August-20
			(a)	(b)	(c)
			Month		
			May-20	June-20	July-20
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,311,072	1,254,234	1,298,624
4	Tennessee Gas Pipeline ¹	\$	201,378	190,603	189,484
5	Trunkline Gas Company ¹	\$	6,875	6,653	6,876
6	Twin Eagle Resource Management	\$	0	0	0
7	Midwestern Pipeline ¹	\$	0	0	0
8	Total Pipeline Supply	\$	1,519,325	1,451,489	1,494,985
9	Total Other Suppliers	\$	3,038,717	2,374,709	1,951,770
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	\$	6,040	0	0
17	Injections	\$	(1,326,432)	(1,114,825)	(907,768)
18	Producers	\$	7,407	6,891	8,851
19	Third Party Reimbursements	\$	(1,172)	(469)	(1,184)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances ²	\$	(1,545,547)	(683,917)	53,175
22	Sub-Total	\$	1,846,292	2,181,833	2,747,782
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	1,846,292.04	2,181,832.66	2,747,782.46

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 July 2020
2020-00315

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-20	G-1 Sales	834,969.797	(\$0.2825)	(\$235,878.97)	\$0.0000	\$0.00	\$0.2169	\$181,104.95	\$3.5179	\$2,937,340.25	\$2,882,566.23
2		G-2 Sales	10,495.617	(\$0.2825)	(2,965.01)	\$0.0000	0.00	\$0.2169	2,276.50	\$2.2647	23,769.42	\$23,080.91
6		Sub Total	845,465.413		(\$238,843.98)		\$0.00		\$183,381.45		\$2,961,109.67	\$2,905,647.14
7		Timing: Cycle Billing and PPA's	0.000		8.48		0.00		3,060.01		29,889.78	\$32,958.27
8		Total	845,465.413		(\$238,835.50)		\$0.00		\$186,441.46		\$2,990,999.45	\$2,938,605.41
9												\$2,752,163.95
10												
11	June-20	G-1 Sales	426,891.690	(\$0.2825)	(\$120,596.90)	\$0.0000	\$0.00	\$0.2169	\$92,592.81	\$3.5179	\$1,501,762.27	\$1,473,758.18
12		G-2 Sales	3,957.397	(\$0.2825)	(1,117.96)	\$0.0000	0.00	\$0.2169	858.36	\$2.2647	8,962.32	\$8,702.72
16		Sub Total	430,849.086		(\$121,714.86)		\$0.00		\$93,451.17		\$1,510,724.59	\$1,482,460.90
17		Timing: Cycle Billing and PPA's	0.000		(121.82)		0.00		4,212.24		35,347.72	\$39,438.14
18		Total	430,849.086		(\$121,836.68)		\$0.00		\$97,663.41		\$1,546,072.31	\$1,521,899.04
19												\$1,424,235.63
20												
21	July-20	G-1 Sales	355,493.027	(\$0.2825)	(\$100,426.78)	\$0.0000	\$0.00	\$0.2169	\$77,106.44	\$3.5179	\$1,250,588.92	\$1,227,268.58
22		G-2 Sales	9,157.303	(\$0.2825)	(2,586.94)	\$0.0000	0.00	\$0.2169	1,986.22	\$2.2647	20,738.54	\$20,137.82
26		Sub Total	364,650.330		(\$103,013.72)		\$0.00		\$79,092.66		\$1,271,327.46	\$1,247,406.40
27		Timing: Cycle Billing and PPA's	0.000		25.50		0.00		2,364.46		23,205.69	\$25,595.65
28		Total	364,650.330		(\$102,988.22)		\$0.00		\$81,457.12		\$1,294,533.15	\$1,273,002.05
29												\$1,191,544.93
30												
31		Total Recovery from Correction Factor (CF)			(\$463,660.40)							
32		Total Amount Refunded through the Refund Factor (RF)					\$0.00					
33		Total Recovery from Performance Based Rate Recovery Factor (PBRRF)							\$365,561.99			
34		Total Recoveries from Expected Gas Cost (EGC) Factor									\$5,831,604.91	
35		Total Recoveries from Gas Cost Adjustment Factor (GCA)										\$5,733,506.50
36												
37												\$5,367,944.51

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.

Traditional and Other Pipelines

Description	May, 2020		June, 2020		July, 2020	
	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	1,621,218	\$2,560,326.03	1,093,486	\$1,988,025.57	1,612,863	\$1,664,998.15
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	260,570	\$478,773.75	222,880	\$387,314.70	189,033	\$285,777.03
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	0	\$0.00	0	\$0.00	65	\$112.89
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	(179)	(\$319.91)	(338)	(\$565.16)	533	\$948.50
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	(\$62.53)	0	(\$65.80)	0	(\$66.58)
59						
60						
61 All Zones						
62 Total	1,881,609	\$3,038,717.34	1,316,028	\$2,374,709.31	1,802,494	\$1,951,769.99
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, 2019

Exhibit D

Page 6 of 6

Line No.	Month	Gas Cost Written Off	Margin Written Off	Taxes & Other Written Off	Total Written Off	Gas Cost Collected	Margin Collected	Net Uncollectible Gas Cost	Cumulative Net Uncollectible Gas Cost
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	Dec-18	(\$72,218.61)	(\$103,994.44)	(\$6,617.39)	(\$182,830.44)	\$18,409.59	\$19,023.54	\$53,809.02	\$53,809.02
2	Jan-19	(\$15,699.74)	(\$53,523.05)	(\$2,404.06)	(\$71,626.85)	\$13,616.19	\$17,771.40	\$2,083.55	\$55,892.57
3	Feb-19	(\$9,494.45)	(\$38,816.43)	(\$1,767.06)	(\$50,077.94)	\$15,025.21	\$14,656.90	(\$5,530.76)	\$50,361.81
4	Mar-19	(\$11,331.62)	(\$49,649.03)	(\$2,281.60)	(\$63,262.25)	\$11,494.51	\$14,632.04	(\$162.89)	\$50,198.92
5	Apr-19	(\$15,829.08)	(\$49,476.18)	(\$2,547.05)	(\$67,852.31)	\$5,963.23	\$7,531.27	\$9,865.85	\$60,064.77
6	May-19	(\$25,777.22)	(\$45,389.21)	(\$3,187.26)	(\$74,353.69)	\$5,191.05	\$7,607.63	\$20,586.17	\$80,650.94
7	Jun-19	(\$85,705.37)	(\$150,600.50)	(\$8,371.54)	(\$244,677.41)	\$5,489.85	\$5,817.90	\$80,215.52	\$160,866.46
8	Jul-19	(\$22,621.50)	(\$107,040.94)	(\$4,936.14)	(\$134,598.58)	\$2,997.64	\$6,770.46	\$19,623.86	\$180,490.32
9	Aug-19	\$7,248.86	(\$151,085.86)	(\$5,528.26)	(\$149,365.26)	\$268.85	\$8,629.80	(\$7,517.71)	\$172,972.61
10	Sep-19	(\$5,094.65)	(\$169,604.49)	(\$7,585.84)	(\$182,284.98)	\$157.50	\$15,549.58	\$4,937.15	\$177,909.76
11	Oct-19	(\$2,525.21)	(\$207,166.04)	(\$8,325.00)	(\$218,016.25)	\$603.51	\$50,288.10	\$1,921.70	\$179,831.46
12	Nov-19	(\$25,670.27)	(\$113,238.48)	(\$7,952.16)	(\$146,860.91)	\$4,376.70	\$55,018.60	\$21,293.57	\$201,125.03