

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2020-00000

NOTICE

QUARTERLY FILING

For The Period

August 01, 2020 - October 31, 2020

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

June 29, 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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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-Fourth Revised Sheet No. 4, Thirty-Fourth Revised Sheet No. 5, and Thirty-Fourth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective August 01, 2020.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.0566 per Mcf and \$1.8034 per Mcf for interruptible sales service. The supporting calculations for the Thirty-Fourth 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. 2020-00111, the following changes have occurred in its pipeline and gas supply commodity rates for the GCA period.

1. The commodity rates per Mcf used are based on historical estimates and/or current data for the quarter of August 01, 2020 through October 31, 2020 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$3.4894 per Mcf for the quarter of August 01, 2020 through October 31, 2020 as compared to \$3.5179 per Mcf used

for the period of May 01, 2020 through July 31, 2020. The G-2 Expected Commodity Gas Cost will be approximately \$2.2362 for the quarter August 01, 2020 through October 31, 2020 as compared to \$2.2647 for the period of May 01, 2020 through July 31, 2020.

3. The Company's notice sets out a new Correction Factor of (\$0.6497) per Mcf which will remain in effect until at least October 31, 2020.
4. The Refund Factor of (\$0.0000) per Mcf will remain in effect until the refund has been completed.

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

The Company is filing its updated Correction Factor that is based upon the balance in the Company's 1910 Account as of April 30, 2020 (May 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-Fourth Revised Sheet No. 5; and Thirty-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 August 01, 2020.

DATED at Dallas, Texas this 29th day of June, 2020.

ATMOS ENERGY CORPORATION

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

Current Rate Summary
Case No. 2020-00000

Firm Service

Base Charge:

Table with 4 columns: Description, Amount, Unit, and Reference. Rows include Residential (G-1), Non-Residential (G-1), Transportation (T-4), and Transportation Administration Fee.

Rate per Mcf 2

Table with 6 columns: Rate Category, Volume, Unit, Sales (G-1), Transportation (T-4), and Reference. Rows include First, Next, and Over categories.

Interruptible Service

Base Charge

Table with 4 columns: Description, Amount, Unit, and Reference. Rows include Sales (G-2), Transportation (T-3), and Transportation Administration Fee.

Rate per Mcf 2

Table with 6 columns: Rate Category, Volume, Unit, Sales (G-2), Transportation (T-3), and Reference. Rows include First and Over categories.

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 June 29, 2020
MONTH / DATE / YEAR

DATE EFFECTIVE August 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 2020-00000 DATED N/A and
CASE NO 2018-00039 DATED April 22, 2020

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-FOURTH REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTY-THIRD REVISED SHEET NO. 5

Current Gas Cost Adjustments

Case No. 2020-00000

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)	3.4894	2.2362	(R, R)
CF (Correction Factor)	(0.6497)	(0.6497)	(R, R)
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>\$3.0566</u></u>	<u><u>\$1.8034</u></u>	(R, R)

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BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO 2020-00000 DATED N/A and

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-FOURTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTY-THIRD REVISED SHEET NO. 6

Current Transportation

Case No. 2020-00000

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

System Lost and Unaccounted gas percentage:

1.69%

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

¹ Excludes standby sales service.

DATE OF ISSUE June 29, 2020
MONTH / DATE / YEAR

DATE EFFECTIVE August 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 2020-00000 DATED N/A and
CASE NO 2018-00039 DATED April 22, 2020

Line No.	Description	Case No.		Difference
		(a) 2020-00111 \$/Mcf	(b) 2020-00000 \$/Mcf	
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2015-00343)</u>			
4	First 300 Mcf	1.2714	1.3855	0.1141
5	Next 14,700 Mcf	0.8943	0.9578	0.0635
6	Over 15,000 Mcf	0.7141	0.7651	0.0510
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	2.0474	2.0189	(0.0285)
11	Demand	1.4705	1.4705	0.0000
12	Total EGC	3.5179	3.4894	(0.0285)
13	CF (Correction Factor)	(0.2825)	(0.6497)	(0.3672)
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)	3.4523	3.0566	(0.3957)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	4.7237	4.4421	(0.2816)
20	Next 14,700 Mcf	4.3466	4.0144	(0.3322)
21	Over 15,000 Mcf	4.1664	3.8217	(0.3447)
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2015-00343)</u>			
27	First 15,000 Mcf	0.7708	0.8327	0.0619
28	Over 15,000 Mcf	0.5927	0.6387	0.0460
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	2.0474	2.0189	(0.0285)
33	Demand	0.2173	0.2173	0.0000
34	Total EGC	2.2647	2.2362	(0.0285)
35	CF (Correction Factor)	(0.2825)	(0.6497)	(0.3672)
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)	2.1991	1.8034	(0.3957)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	2.9699	2.6361	(0.3338)
42	Over 14,700 Mcf	2.7918	2.4421	(0.3497)

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2020-00111	2020-00000	
		\$/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	1.2714	1.3855	0.1141
5	Next 14,700 Mcf	0.8943	0.9578	0.0635
6	Over 15,000 Mcf	0.7141	0.7651	0.0510
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	0.7708	0.8327	0.0619
13	Over 15,000 Mcf	0.5927	0.6387	0.0460
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		<u>12,340,360</u>		<u>3,810,703</u>	<u>3,810,703</u>
6						
7	<u>SL to Zone 3</u>					
8	NNS Contract #	29762	27,757,688			
9	Base Rate	Section 4.4 - NNS		0.3543	9,834,549	9,834,549
10						
11	FT Contract #	29759	6,022,500			
12	Base Rate	Section 4.1 - FT		0.2939	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		<u>37,430,188</u>		<u>12,677,297</u>	<u>12,677,297</u>
18						
19	<u>Zone 1 to Zone 3</u>					
20	STF Contract #	35772	323,400			
21	Base Rate	Section 4.2 - STF		0.3282	106,140	106,140
22						
23						
24						
25						
26	Total Zone 1 to Zone 3		<u>323,400</u>		<u>106,140</u>	<u>106,140</u>
27						
28	<u>SL to Zone 4</u>					
29	NNS Contract #	29763	3,320,769			
30	Base Rate	Section 4.4 - NNS		0.4190	1,391,402	1,391,402
31						
32	FT Contract #	31097	1,825,000			
33	Base Rate	Section 4.1 - FT		0.3670	669,775	669,775
34						
38	Total SL to Zone 4		<u>5,145,769</u>		<u>2,061,177</u>	<u>2,061,177</u>
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		<u>2,309,720</u>		<u>642,102</u>	<u>642,102</u>
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		<u>1,070,000</u>		<u>159,751</u>	<u>159,751</u>
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		<u>58,619,437</u>		<u>19,457,170</u>	<u>19,457,170</u>
60						
61						
62	Total Texas Gas Area Non-Commodity				<u>19,457,170</u>	<u>19,457,170</u>

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

Line No.	Description	(a)	(b)	(c)	(d) (e) Non-Commodity	
		Tariff Sheet No.	Annual Units 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.	(a) Description	(b) Tariff Sheet No.	(c) Purchases Mcf	(d) Purchases MMbtu	(e) Rate \$/MMbtu	(f) Total \$
1	<u>No Notice Service</u>			2,627,768		
2	Indexed Gas Cost				1.8240	4,793,049
3	Commodity (Zone 3)	Section 4.4 - NNS			0.0490	128,761
4	Fuel and Loss Retention @	Section 4.18.1	1.38%		0.0255	67,008
5					1.8985	4,988,818
6						
7	<u>Firm Transportation</u>			2,149,992		
8	Indexed Gas Cost				1.8240	3,921,585
9	Base (Weighted on MDQs)				0.0442	95,030
10	ACA	Section 4.1 - FT			0.0013	2,795
11	Fuel and Loss Retention @	Section 4.18.1	1.38%		0.0255	54,825
12					1.8950	4,074,235
13	<u>No Notice Storage</u>					
14	Net (Injections)/Withdrawals					
15	Withdrawals			0	2.2270	0
16	Injections			(1,486,168)	1.8240	(2,710,770)
17	Commodity (Zone 3)	Section 4.4 - NNS			0.0490	(72,822)
18	Fuel and Loss Retention @	Section 4.18.1	1.38%		0.0255	(37,897)
19				(1,486,168)	1.8985	(2,821,489)
20						
21						
22	Total Purchases in Texas Area			3,291,592	1.8962	6,241,564
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>				683,238		
2	Indexed Gas Cost					1.8240	1,246,226
3	Base Commodity (Weighted on MDQs)					0.0159	10,896
4	ACA	24				0.0013	888
5	Fuel and Loss Retention	32	2.17%			0.0405	27,671
6							
7						1.8817	1,285,681
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					1.8240	0
10	Base Rate	26				0.7794	0
11	ACA	24				0.0013	0
12	Fuel and Loss Retention	32	2.17%			0.0405	0
13							
14						2.6452	0
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				0	2.2270	-
17	FT-A & FT-G Market Area Injections				(508,208)	1.8240	(926,971)
18	Withdrawal Rate	61				0.0087	0
19	Injection Rate	61				0.0087	(4,421)
20	Fuel and Loss Retention	61	1.75%			0.0002	(102)
21	Total				(508,208)	1.8329	(931,494)
22							
23							
24							
25	Total Tennessee Gas Zones				175,030	2.0236	354,187

Commodity						
	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Tariff Sheet No.	Purchases		Rate	Total
			Mcf	MMbtu	\$/MMbtu	\$
1	Firm Transportation					
2	Expected Volumes			92,000		
3	Indexed Gas Cost				1.8240	167,808
4	Base Commodity	13			0.0051	469
5	ACA	13			0.0013	120
6	Fuel and Loss Retention	13	0.24%		0.0026	239
7					<u>1.8330</u>	<u>168,636</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	<u>\$24,627,868</u>			
7					
8		Allocated	Related	Monthly Demand Charge	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1495	\$3,681,866	16,941,089	0.2173 0.2173
11	Firm	0.8505	20,946,002	16,713,759	1.2532
12	Total	<u>1.0000</u>	<u>\$24,627,868</u>		<u>1.4705 0.2173</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	16,713,759	16,713,759	16,713,759	1.4705
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	227,330	227,330		1.4705 0.2173
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	31,237,094			
27					
28		<u>48,178,183</u>	<u>16,941,089</u>	<u>16,713,759</u>	
29					
30					

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

	(a)	(b)	(c)	(d)
Line				
No. Description	Purchases		Rate	Total
	Mcf	MMbtu	\$/Mcf	\$
1 <u>Texas Gas Area</u>				
2 No Notice Service	2,556,320	2,627,768	1.9516	4,988,818
3 Firm Transportation	2,091,535	2,149,992	1.9480	4,074,235
4 No Notice Storage	(1,445,760)	(1,486,168)	1.9516	(2,821,489)
5 Total Texas Gas Area	3,202,095	3,291,592	1.9492	6,241,564
6				
7 <u>Tennessee Gas Area</u>				
8 FT-A and FT-G	646,296	683,238	1.9893	1,285,681
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	(480,730)	(508,208)	1.9375	(931,392)
12 Withdrawals	0	0	0.0000	(102)
13	165,566	175,030	2.1392	354,187
14 <u>Trunkline Gas Area</u>				
15 Firm Transportation	88,889	92,000	1.8972	168,636
16				
17 <u>Company Owned Storage</u>				
18 Withdrawals	0		0.0000	0
19 Injections	(1,123,118)	(1,154,508)	1.8985	(2,132,239)
20 Net WKG Storage	(1,123,118)	(1,154,508)	1.8985	(2,132,239)
21				
22				
23 Local Production	5,264	5,565	1.8241	9,602
24				
25				
26				
27 Total Commodity Purchases	2,338,696	2,409,679	1.9848	4,641,749
28				
29 Lost & Unaccounted for @	39,524	40,724		
30				
31 Total Deliveries	2,299,172	2,368,955	2.0189	4,641,749
32				
33				
34				
35 Total Expected Commodity Cost	2,299,172	2,368,955	2.0189	4,641,749
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>310,542</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1495
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending October - 2020

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

- A. The Gas Supply Department reviewed the NYMEX futures close prices for the quarter of August 2020 through October 2020 during the period June 11 through June 24, 2020.

		Aug-20 (\$/MMBTU)	Sep-20 (\$/MMBTU)	Oct-20 (\$/MMBTU)
Thursday	06/11/20	1.900	1.954	2.045
Friday	06/12/20	1.815	1.865	1.960
Monday	06/15/20	1.760	1.814	1.917
Tuesday	06/16/20	1.701	1.756	1.868
Wednesday	06/17/20	1.727	1.784	1.900
Thursday	06/18/20	1.728	1.784	1.898
Friday	06/19/20	1.748	1.799	1.904
Monday	06/22/20	1.738	1.787	1.888
Tuesday	06/23/20	1.691	1.740	1.839
Wednesday	06/24/20	1.661	1.723	1.822
Average		<u>\$1.747</u>	<u>\$1.801</u>	<u>\$1.904</u>

- B. The Company believes prices are decreasing and prices for the quarter ending October 31, 2020 will settle at \$1.824 per MMBTU (based on the average of the past ten days) for the period that the GCA is to become effective.

In support of Item B, a worksheet entitled "Estimated Weighted Average Cost of Gas" has been filed under a Petition for Confidentiality in this Case.

Atmos Energy Corporation
Estimated Weighted Average Cost of Gas
For the Quarter ending October - 2020

	August-20			September-20			October-20			Total		
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>
Texas Gas												
Trunkline												
Tennessee Gas												
TX Gas Storage												
TN Gas Storage												
WKG Storage												
Midwestern												

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

WACOGs

Line No.	(a) Month	(b) Actual Purchased Volume (Mcf)	(c) Recoverable Gas Cost	(d) Actual GCA Recovered Gas Cost	(e) Under (Over) Recovery Amount	(f) Adjustments	(g) Total
1	February-20	3,031,487	\$8,361,080.19	\$11,375,683.60	(\$3,014,603.41)	\$0.00	(\$3,014,603.41)
2							
3	March-20	1,691,626	\$6,386,722.34	\$9,310,139.93	(\$2,923,417.59)	\$0.00	(\$2,923,417.59)
4							
5	April-20	1,244,490	<u>\$3,023,144.44</u>	<u>\$5,218,056.15</u>	<u>(\$2,194,911.71)</u>	<u>\$0.00</u>	<u>(\$2,194,911.71)</u>
6							
7							
8	Under/(Over) Recovery		<u>\$17,770,946.97</u>	<u>\$25,903,879.68</u>	<u>(\$8,132,932.71)</u>	<u>\$0.00</u>	<u>(\$8,132,932.71)</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,195,557.13</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through January 2020 (February 2020 GL)					(4,988,278.68)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended April 2020					(8,132,932.71)	
15	Recovery from outstanding Correction Factor (CF)					1,913,626.76	
16	Over-Refunded Amount of Pipeline Refunds					(0.42)	
17	Prior Net Uncollectable Gas Cost as of November, 2018						
18	(Over)/Under Recovered Gas Cost through April 2020 (May 2020 GL) (a)					<u>(\$11,207,585.05)</u>	
19	Divided By: Total Expected Customer Sales (b)					16,941,089	Mcf
20							
21	Correction Factor - Part 1					<u>(\$0.6616)</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 April 2020 (May 2020 GL) incl. Net Uncol Gas Cost					<u>(\$11,006,460.02)</u>	
31	Divided By: Total Expected Customer Sales (b)					16,941,089	
32							
33	Correction Factor - Total (CF)					<u><u>(\$0.6497)</u></u>	/ Mcf
34							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended April 2020
2020-00000

Line No.	Description	GL Unit	March-20	April-20	May-20
			(a)	(b)	(c)
			Month		
			February-20	March-20	April-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	220,911	333,925	1,862,445
9	Off System Storage				
10	Texas Gas Transmission	Mcf	0	0	0
11	Tennessee Gas Pipeline	Mcf	0	0	0
12	System Storage				
13	Withdrawals	Mcf	1,758,662	909,304	16,732
14	Injections	Mcf	(821)	(17,670)	(453,215)
15	Producers	Mcf	760	2,065	2,740
16	Third Party Reimbursements	Mcf	(520)	(1,741)	(157)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	1,052,495	465,743	(184,055)
19	Total Supply	Mcf	3,031,487	1,691,626	1,244,490
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	3,031,487	1,691,626	1,244,490

¹ Includes settlement of historical imbalances and prepaid items.

² Includes Texas Gas No-Notice Service volumes and monthly imbalances related to transportation customer activities.

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended April 2020
2020-00000

Line No.	Description	GL Unit	March-20	April-20	May-20
			(a)	(b)	(c)
			Month		
			February-20	March-20	April-20
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,645,013	1,807,774	1,606,990
4	Tennessee Gas Pipeline ¹	\$	486,290	394,990	286,848
5	Trunkline Gas Company ¹	\$	30,832	32,995	6,632
6	Twin Eagle Resource Management	\$	0	0	0
7	Midwestern Pipeline ¹	\$	0	0	0
8	Total Pipeline Supply	\$	2,162,135	2,235,758	1,900,469
9	Total Other Suppliers	\$	386,144	554,567	2,641,652
10	Hedging Settlements	\$	0	0	0
11	Off System Storage				
12	Texas Gas Transmission	\$			
13	Tennessee Gas Pipeline	\$			
14	WKG Storage	\$	147,954	147,954	147,954
15	System Storage				
16	Withdrawals	\$	4,121,728	2,184,942	39,790
17	Injections	\$	(1,583)	(32,608)	(642,509)
18	Producers	\$	1,379	3,439	4,321
19	Third Party Reimbursements	\$	(762)	(8,283)	(601)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances ²	\$	1,544,084	1,300,953	(1,067,930)
22	Sub-Total	\$	8,361,080	6,386,722	3,023,144
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	8,361,080.19	6,386,722.34	3,023,144.44

¹ Includes demand charges, cost of settlement of historical imbalances and prepaid items.

² Includes Texas Gas No-Notice Service volumes and monthly imbalances related to transportation customer activities.

Atmos Energy Corporation
Recovery from Correction Factors (CF)
For the Three Months Ended April 2020
2020-00000

Line No.	Month	Type of Sales	(a) Mcf Sold	(b) CF Rate	(c) CF Amounts	(d) RF Rate	(e) RF Amounts	(f) PBR Rate	(g) PBRRF Amounts	(h) EGC Rate	(i) EGC Recovery Amounts	(j) Total Recoveries	
1	February-20	G-1 Sales	2,851,931.447	(\$0.2930)	(\$835,615.91)	\$0.0000	\$0.00	\$0.2169	\$618,583.93	\$3.9102	\$11,151,622.34	\$10,934,590.36	
2		G-2 Sales	6,540.069	(\$0.2930)	(1,916.24)	\$0.0000	0.00	\$0.2169	1,418.54	\$2.6570	17,376.96	\$16,879.26	
6		Sub Total	2,858,471.516		(\$837,532.15)	\$0.00			\$620,002.47		\$11,168,999.30	\$10,951,469.62	
7		Timing: Cycle Billing and PPA's	0.000		(9,623.92)		0.00		17,077.55		206,684.30	\$214,137.93	
8		Total	2,858,471.516		(\$847,156.07)		\$0.00		\$637,080.02		\$11,375,683.60	\$11,165,607.55	\$10,528,527.53
10													
11	March-20	G-1 Sales	2,329,118.696	(\$0.2930)	(\$682,431.78)	\$0.0000	\$0.00	\$0.2169	\$505,185.85	\$3.9102	\$9,107,319.92	\$8,930,073.99	
12		G-2 Sales	5,815.575	(\$0.2930)	(1,703.96)	\$0.0000	0.00	\$0.2169	1,261.40	\$2.6570	15,451.98	\$15,009.42	
16		Sub Total	2,334,934.271		(\$684,135.74)	\$0.00			\$506,447.25		\$9,122,771.90	\$8,945,083.41	
17		Timing: Cycle Billing and PPA's	0.000		(955.08)		0.00		17,052.96		187,368.03	\$203,465.91	
18		Total	2,334,934.271		(\$685,090.82)		\$0.00		\$523,500.21		\$9,310,139.93	\$9,148,549.32	\$8,625,049.11
19													
20													
21	April-20	G-1 Sales	1,287,502.044	(\$0.2930)	(\$377,238.10)	\$0.0000	\$0.00	\$0.2169	\$279,259.19	\$3.9102	\$5,034,390.49	\$4,936,411.58	
22		G-2 Sales	11,278.873	(\$0.2930)	(3,304.71)	\$0.0000	0.00	\$0.2169	2,446.39	\$2.6570	29,967.97	\$29,109.65	
26		Sub Total	1,298,780.918		(\$380,542.81)	\$0.00			\$281,705.58		\$5,064,358.46	\$4,965,521.23	
27		Timing: Cycle Billing and PPA's	0.000		(837.06)		0.00		14,002.87		153,697.69	\$166,863.50	
28		Total	1,298,780.918		(\$381,379.87)		\$0.00		\$295,708.45		\$5,218,056.15	\$5,132,384.73	\$4,836,676.28
29													
30													
31		Total Recovery from Correction Factor (CF)			(\$1,913,626.76)								
32		Total Amount Refunded through the Refund Factor (RF)					\$0.00						
33		Total Recovery from Performance Based Rate Recovery Factor (PBRRF)							\$1,456,288.68				
34		Total Recoveries from Expected Gas Cost (EGC) Factor									\$25,903,879.68		
35		Total Recoveries from Gas Cost Adjustment Factor (GCA)										\$25,446,541.60	
36													
37													\$23,990,252.92
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.											

Traditional and Other Pipelines

Description	February, 2020		March, 2020		April, 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	151,259	\$247,561.37	260,010	\$414,164.16	1,619,555	\$2,239,356.96
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	69,366	\$138,058.55	73,862	\$140,335.27	242,736	\$402,068.15
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	(9)	(\$15.42)	(92)	(\$138.62)	11	\$19.18
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	295	\$570.91	145	\$264.29	143	\$248.20
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	(\$31.81)	0	(\$58.41)	0	(\$40.80)
59						
60						
61 All Zones						
62 Total	220,911	\$386,143.60	333,925	\$554,566.69	1,862,445	\$2,641,651.69
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