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PUBLIC SERVICE
COMMISSION

December 30, 2019

Ms. Gwen Pinson, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

Re: Case No. 2019-00459

Dear Ms. Pinson:

We are filing the enclosed original and ten (10) copies of a notice under the provisions of our Gas Cost Adjustment Clause, Case No. 2013-00148. **This filing contains a Petition of Confidentiality and confidential documents.**

Please indicate receipt of this filing by stamping and dating this letter and returning a scanned copy by E-mail to Anthony.Croissant@atmosenergy.com.

If you have any questions, feel free to call me at 972-855-3115.

Sincerely,

A handwritten signature in blue ink, appearing to read "Anthony Croissant", written over a horizontal line.

Anthony Croissant
Sr. Rate Administration Analyst

Enclosures

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PUBLIC SERVICE
COMMISSION

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

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2019-00459

NOTICE

QUARTERLY FILING

For The Period

February 01, 2020 - April 30, 2020

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

December 30, 2019

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
3275 Highland Pointe Drive
Owensboro, Kentucky 42303

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

Liza Philip
Manager, Rate Administration
Atmos Energy Corporation
5430 LBJ Freeway, Suite 700
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-Second Revised Sheet No. 4, Thirty-Second Revised Sheet No. 5, and Thirty-Second Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective February 01, 2020.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.8341 per Mcf and \$2.5809 per Mcf for interruptible sales service. The supporting calculations for the Thirty-Second 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. 2019-00368, 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 February 01, 2020 through April 30, 2020 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$3.9102 per Mcf for the quarter of February 01, 2020 through April 30, 2020 as compared to \$4.2754 per Mcf used

for the period of November 01, 2019 through January 31, 2020. The G-2 Expected Commodity Gas Cost will be approximately \$2.657 for the quarter February 01, 2020 through April 30, 2020 as compared to \$3.0129 for the period of November 01, 2019 through January 31, 2020.

3. The Company's notice sets out a new Correction Factor of (\$0.2930) per Mcf which will remain in effect until at least April 30, 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 October 31, 2019 (November 2019 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-Second Revised Sheet No. 5; and Thirty-Second 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 February 01, 2020.

DATED at Dallas, Texas this 30th day of December, 2019.

ATMOS ENERGY CORPORATION

By: 

Anthony Croissant
Sr. Rate Administration Analyst
Atmos Energy Corporation

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PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE
KENTUCKY PUBLIC SERVICE COMMISSION

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

CASE NO. 2019-00459

PETITION FOR CONFIDENTIALITY OF INFORMATION
BEING FILED WITH THE KENTUCKY PUBLIC SERVICE COMMISSION

Atmos Energy Corporation ("Atmos") respectfully petitions the Kentucky Public Service Commission ("Commission") pursuant to 807 KAR 5:001 Section (13) and KRS 61.878(1)(c)1 for confidential treatment of the information which is described below and which is attached hereto. In support of this Petition, Atmos states as follows:

1. Atmos is filing its Gas Cost Adjustment ("GCA") for the quarterly period commencing on February 1, 2020 through April 30, 2020. This GCA filing contains a change to Atmos' Correction Factor (CF) as well as information pertaining to Atmos' projected gas prices. The following two attachments contain information which requires confidential treatment.

- a. The attached Exhibit D, Page 5 of 6 contains confidential information from which the actual price being paid by Atmos for natural gas to its supplier can be determined.
- b. The attached Weighted Average Cost of Gas ("WACOG") schedule in support of Exhibit C, Page 2 of 2 contains confidential information pertaining to prices projected to be paid by Atmos for purchase contracts.

2. Information of the type described above has previously been filed by Atmos with the

Commission under petitions for confidentiality. The Commission has consistently granted confidential protection to that type of information in each of the prior GCA filings in KPSC Case No. 2015-00343. The information contained in the attached WACOG schedule has also been filed with the Commission under a Petition for Confidentiality in Case No. 2015-00424.

3. KRS 61.878 (1)(c) 1. provides that "...records confidentially disclosed to an agency or required by any agency to be disclosed to it, generally recognized as confidential or proprietary, which is openly disclosed would permit an unfair commercial advantage to competitors of the entity that disclosed the records..."shall remain confidential unless otherwise ordered by a court of competent jurisdiction. The natural gas industry is very competitive. Atmos Energy has active competitors, who could use this information to their advantage and to the direct disadvantage of Atmos.

All of the information sought to be protected as confidential, if publicly disclosed, would have serious adverse consequences to Atmos and its customers. Public disclosure of this information would impose an unfair commercial disadvantage on Atmos. Atmos has successfully negotiated an extremely advantageous gas supply contract that is very beneficial to Atmos and its ratepayers. Detailed information concerning that contract, including commodity costs, demand and transportation charges, reservations fees, etc. on specifically identified pipelines, if made available to Atmos' competitors, (including specifically non-regulated gas marketers), would clearly put Atmos to an unfair commercial disadvantage. Those competitors for gas supply would be able to gain information that is otherwise confidential about Atmos' gas purchases and transportation costs and strategies. The Commission has accordingly granted confidential protection to such information.

4. Likewise, the information contained in the WACOG schedule in support of Exhibit

C, Page 2 of 2, also constitutes sensitive, proprietary information which if publicly disclosed would put Atmos to an unfair commercial disadvantage in future negotiations.

5. Atmos would not, as a matter of company policy, disclose any of the information for which confidential protection is sought herein to any person or entity, except as required by law or pursuant to a court order or subpoena. Atmos' internal practices and policies are directed towards non-disclosure of the attached information. In fact, the information contained in the attached report is not disclosed to any personnel of Atmos except those who need to know in order to discharge their responsibility. Atmos has never disclosed such information publicly. This information is not customarily disclosed to the public and is generally recognized as confidential and proprietary in the industry.

6. There is no significant interest in public disclosure of the attached information. Any public interest in favor of disclosure of the information is outweighed by the competitive interest in keeping the information confidential.

7. The attached information is also entitled to confidential treatment because it constitutes a trade secret under the two prong test of KRS 365.880: (a) the economic value of the information as derived by not being readily ascertainable by other persons who might obtain economic value by its disclosure; and, (b) the information is the subject of efforts that are reasonable under the circumstances to maintain its secrecy. The economic value of the information is derived by Atmos maintaining the confidentiality of the information since competitors and entities with whom Atmos transacts business could obtain economic value by its disclosure.

8. Pursuant to 807 KAR 5:001 (13) confidentiality of the attached information should be maintained indefinitely. The statutes cited above do not allow for disclosure at any

time. Given the competitive nature of the natural gas business and the efforts of non-regulated competitors to encroach upon traditional markets, it is imperative that regulated information remain protected and that the integrity of the information remain secure.

For these reasons, Atmos Energy requests that the items identified in this petition be treated as confidential. Should the Commission determine that some or all of the material is not to be given confidential protection, Atmos Energy requests a hearing prior to any public release of the information to preserve its rights to notice of the grounds for the denial and to preserve its right of appeal of the decision.

WHEREFORE, Atmos petitions the Commission to treat as confidential all of the material and information which is included in the attached volume marked "Confidential".

Respectfully submitted this 30th day of December 2019.



Mark R. Hutchinson
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Owensboro, Kentucky 42301
randy@whplawfirm.com

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Frankfort, Kentucky 40601
jnhughes@johnhughespsc.com

Attorneys for Atmos Energy Corporation

ATMOS ENERGY CORPORATION
NAME OF UTILITY

Current Rate Summary

Case No. 2020-00000

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

Sales (G-1)

Transportation (T-4)

First	300	¹ Mcf	@	5.2196	per Mcf	@	1.3855	per Mcf	(R, -)
Next	14,700	¹ Mcf	@	4.7919	per Mcf	@	0.9578	per Mcf	(R, -)
Over	15,000	Mcf	@	4.5992	per Mcf	@	0.7651	per Mcf	(R, -)

Interruptible Service

Base Charge	-	\$435.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf²

Sales (G-2)

Transportation (T-3)

First	15,000	¹ Mcf	@	3.4136	per Mcf	@	0.8327	per Mcf	(R, -)
Over	15,000	Mcf	@	3.2196	per Mcf	@	0.6387	per Mcf	(R, -)

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 December 30, 2019
MONTH / DATE / YEAR

DATE EFFECTIVE February 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

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-SECOND REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTY-FIRST 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)	3.9102	2.6570	(R, R)
CF (Correction Factor)	(0.2930)	(0.2930)	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.2169</u>	<u>0.2169</u>	(R, R)
GCA (Gas Cost Adjustment)	<u><u>\$3.8341</u></u>	<u><u>\$2.5809</u></u>	(R, R)

DATE OF ISSUE December 30, 2019
MONTH / DATE / YEAR

DATE EFFECTIVE February 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

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-SECOND REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

THIRTY-FIRST 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</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 December 30, 2019
MONTH / DATE / YEAR

DATE EFFECTIVE February 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

Atmos Energy Corporation
Comparison of Current and Previous Cases
Sales Service

Line No.	Description	Case No.		Difference
		(a) 2019-00368 \$/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	1.3855	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	2.7916	2.4397	(0.3519)
11	Demand	1.4838	1.4705	(0.0133)
12	Total EGC	4.2754	3.9102	(0.3652)
13	CF (Correction Factor)	(0.5053)	(0.2930)	0.2123
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.2238	0.2169	(0.0069)
16	GCA (Gas Cost Adjustment)	3.9939	3.8341	(0.1598)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	5.3794	5.2196	(0.1598)
20	Next 14,700 Mcf	4.9517	4.7919	(0.1598)
21	Over 15,000 Mcf	4.7590	4.5992	(0.1598)
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	2.7916	2.4397	(0.3519)
33	Demand	0.2213	0.2173	(0.0040)
34	Total EGC	3.0129	2.6570	(0.3559)
35	CF (Correction Factor)	(0.5053)	(0.2930)	0.2123
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.2238	0.2169	(0.0069)
38	GCA (Gas Cost Adjustment)	2.7314	2.5809	(0.1505)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	3.5641	3.4136	(0.1505)
42	Over 14,700 Mcf	3.3701	3.2196	(0.1505)

Atmos Energy Corporation
Comparison of Current and Previous Cases
Transportation Service

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2019-00368	2020-00000	
		\$/Mcf	\$/Mcf	\$/Mcf
1	T -4 Transportation Service / Firm Service (High Priority)			
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	T - 3 / Interruptible Service (Low Priority)			
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		<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	0 to Zone 2					
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	1 to Zone 2					
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	Gas Storage					
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	<u>10,846,308</u>	0.0183	<u>198,487</u>	<u>198,487</u>
23	Total Storage		16,034,832		670,949	670,949
24						
25	Total Tennessee Gas Area FT-G Non-Commodity				<u>4,989,204</u>	<u>4,989,204</u>

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

Line No.	Description	(a) Tariff Sheet No.	(b)	(c)		(d)	(e)	(f)	
				Mcf	MMbtu	Purchases	Rate	Total	
						\$/MMbtu		\$	
1	<u>No Notice Service</u>					1,656,994			
2	Indexed Gas Cost						2.2630	3,749,778	
3	Commodity (Zone 3)	Section 4.4 - NNS					0.0490	81,193	
4	Fuel and Loss Retention @	Section 4.18.1	1.38%				0.0317	52,527	
5							2.3437	3,883,498	
6									
7	<u>Firm Transportation</u>					1,355,723			
8	Indexed Gas Cost						2.2630	3,068,000	
9	Base (Weighted on MDQs)						0.0442	59,923	
10	ACA	Section 4.1 - FT					0.0013	1,762	
11	Fuel and Loss Retention @	Section 4.18.1	1.38%				0.0317	42,976	
12							2.3402	3,172,661	
13	<u>No Notice Storage</u>								
14	Net (Injections)/Withdrawals								
15	Withdrawals					1,776,940	2.2750	4,042,539	
16	Injections					0	2.2630	0	
17	Commodity (Zone 3)	Section 4.4 - NNS					0.0490	87,070	
18	Fuel and Loss Retention @	Section 4.18.1	1.38%				0.0317	56,329	
19						1,776,940	2.3557	4,185,938	
20									
21									
22	Total Purchases in Texas Area					4,789,657	2.3472	11,242,097	
23									
24									
25	<u>Used to allocate transportation non-commodity</u>								
26									
27									
28									
29	<u>Texas Gas</u>								
30	SL to Zone 2	Section 4.1 - FT			Annualized MDQs in MMbtu	Allocation	Commodity Charge \$/MMbtu	Weighted Average	
31	SL to Zone 3	Section 4.1 - FT			12,340,360	21.44%	\$0.0399	\$ 0.0086	
32	1 to Zone 3	Section 4.1 - FT			37,430,188	65.04%	0.0445	\$ 0.0289	
33	SL to Zone 4	Section 4.1 - FT			323,400	0.56%	0.0422	\$ 0.0002	
34	2 to Zone 4	Section 4.1 - FT			5,145,769	8.94%	0.0528	\$ 0.0047	
35	Total				2,309,720	4.01%	0.0446	\$ 0.0018	
36					57,549,437	100.0%		\$ 0.0442	
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

Line No.	Description	(a) Tariff Sheet No.	(b)	(c) Purchases		(e) Rate	(f) Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>				453,349		
2	Indexed Gas Cost					2.2630	1,025,928
3	Base Commodity (Weighted on MDQs)					0.0159	7,230
4	ACA	24				0.0013	589
5	Fuel and Loss Retention	32	2.17%			0.0502	22,758
6						2.3304	1,056,505
7							
8	<u>FT-GS</u>				0		
9	Indexed Gas Cost					2.2630	0
10	Base Rate	26				0.7794	0
11	ACA	24				0.0013	0
12	Fuel and Loss Retention	32	2.17%			0.0502	0
13						3.0939	0
14							
15	<u>Gas Storage</u>						
16	FT-A & FT-G Market Area Withdrawals				665,940	2.2750	1,515,014
17	FT-A & FT-G Market Area Injections				0	2.2630	0
18	Withdrawal Rate	61				0.0087	5,794
19	Injection Rate	61				0.0087	0
20	Fuel and Loss Retention	61	1.75%			0.0002	133
21	Total				665,940	2.2839	1,520,941
22							
23							
24							
25	Total Tennessee Gas Zones				1,119,289	2.3028	2,577,446

Atmos Energy Corporation
 Expected Gas Cost (EGC) Calculation
 Trunkline Gas Company

Commodity		(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Tariff Sheet No.		Purchases		Rate	Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>Firm Transportation</u>						
2	Expected Volumes				225,000		
3	Indexed Gas Cost					2.2630	509,175
4	Base Commodity	13				0.0051	1,148
5	ACA	13				0.0013	293
6	Fuel and Loss Retention	13	0.24%			0.0032	720
7						<u>2.2726</u>	<u>511,336</u>
8							
9							

Non-Commodity

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units	(c) (d) (e) Non-Commodity		
				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

Exhibit B
 Page 7 of 8

	(a)	(b)	(c)	(d)
Line No.	Purchases		Rate	Total
Description	Mcf	MMbtu	\$/Mcf	\$
1 Texas Gas Area				
2 No Notice Service	1,612,033	1,656,994	2.4091	3,883,498
3 Firm Transportation	1,318,936	1,355,723	2.4055	3,172,661
4 No Notice Storage	1,728,724	1,776,940	2.4214	4,185,938
5 Total Texas Gas Area	4,659,693	4,789,657	2.4126	11,242,097
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	427,253	453,349	2.4728	1,056,505
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	627,608	665,940	2.4234	1,520,941
13	1,054,861	1,119,289	2.4434	2,577,446
14 Trunkline Gas Area				
15 Firm Transportation	222,332	225,000	2.2999	511,336
16				
17 Company Owned Storage				
18 Withdrawals	2,099,821	2,158,388	2.3557	4,946,549
19 Injections	0		0.0000	0
20 Net WKG Storage	2,099,821	2,158,388	2.3557	4,946,549
21				
22				
23 Local Production	10,401	11,036	2.2630	23,537
24				
25				
26				
27 Total Commodity Purchases	8,047,108	8,303,370	2.3985	19,300,965
28				
29 Lost & Unaccounted for @	135,996	140,327		
30				
31 Total Deliveries	7,911,112	8,163,043	2.4397	19,300,965
32				
33				
34				
35 Total Expected Commodity Cost	7,911,112	8,163,043	2.4397	19,300,965
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 April - 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 February 2020 through April 2020 during the period December 05 through December 18, 2019.

		Feb-20 (\$/MMBTU)	Mar-20 (\$/MMBTU)	Apr-20 (\$/MMBTU)
Thursday	12/05/19	2.398	2.312	2.211
Friday	12/06/19	2.319	2.249	2.168
Monday	12/09/19	2.234	2.193	2.145
Tuesday	12/10/19	2.263	2.218	2.165
Wednesday	12/11/19	2.243	2.200	2.148
Thursday	12/12/19	2.320	2.271	2.200
Friday	12/13/19	2.282	2.228	2.170
Monday	12/16/19	2.326	2.265	2.200
Tuesday	12/17/19	2.303	2.244	2.191
Wednesday	12/18/19	2.264	2.211	2.167
Average		<u>\$2.295</u>	<u>\$2.239</u>	<u>\$2.177</u>

- B. The Company believes prices are decreasing and prices for the quarter ending April 30, 2020 will settle at \$2.263 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 April - 2020

	<u>February-20</u>			<u>March-20</u>			<u>April-20</u>			<u>Total</u>		
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>
Texas Gas												
Trunkline												
Tennessee Gas												
TX Gas Storage												
TN Gas Storage												
WKG Storage												
Midwestern												

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

WACOGs

Line No.	(a) Month	(b) Actual Purchased Volume (Mcf)	(c) Recoverable Gas Cost	(d) Actual GCA Recovered Gas Cost	(e) Under (Over) Recovery Amount	(f) Adjustments	(g) Total
1	August-19	478,163	\$2,852,877.40	\$2,115,389.54	\$737,487.86	\$0.00	\$737,487.86
2							
3	September-19	436,822	\$2,360,124.59	\$1,973,603.49	\$386,521.10	\$0.00	\$386,521.10
4							
5	October-19	707,426	<u>\$3,737,082.37</u>	<u>\$1,860,643.09</u>	<u>\$1,876,439.28</u>	<u>\$0.00</u>	<u>\$1,876,439.28</u>
6							
7							
8	Under/(Over) Recovery		<u>\$8,950,084.36</u>	<u>\$5,949,636.12</u>	<u>\$3,000,448.24</u>	<u>\$0.00</u>	<u>\$3,000,448.24</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,202,136.34</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through July 2019 (August 2019 GL)					(9,301,747.57)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended October 2019					3,000,448.24	
15	Recovery from outstanding Correction Factor (CF)					472,990.67	
16	Over-Refunded Amount of Pipeline Refunds					0.00	
17	Prior Net Uncollectable Gas Cost as of November, 2018					<u>662,947.63</u>	
18	(Over)/Under Recovered Gas Cost through October 2019 (November 2019 GL) (a)					<u>(\$5,165,361.03)</u>	
19	Divided By: Total Expected Customer Sales (b)					16,941,089	Mcf
20							
21	Correction Factor - Part 1					<u>(\$0.3049)</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectable Gas Cost through November 2019 (c)					<u>201,125.03</u>	
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 October 2019 (November 2019 GL) incl. Net Uncol Gas Cost					<u>(\$4,964,236.00)</u>	
31	Divided By: Total Expected Customer Sales (b)					16,941,089	
32							
33	Correction Factor - Total (CF)					<u>(\$0.2930)</u>	/ Mcf
34							

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended October 2019
2020-00000

Exhibit D
Page 2 of 6

Line No.	Description	GL Unit	September-19	October-19	November-19
			(a)	(b)	(c)
			Month		
			August-19	September-19	October-19
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	1,690,557	1,758,385	2,323,243
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	3,516
14	Injections	Mcf	(781,650)	(770,720)	(786,556)
15	Producers	Mcf	3,938	3,868	3,230
16	Third Party Reimbursements	Mcf	(74)	(139)	(162)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(434,608)	(554,572)	(835,845)
19	Total Supply	Mcf	478,163	436,822	707,426
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	478,163	436,822	707,426

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 October 2019
2020-00000

Exhibit D
Page 3 of 6

Line No.	Description	GL Unit	September-19	October-19	November-19
			(a)	(b)	(c)
			Month		
			August-19	September-19	October-19
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,250,082	1,209,757	1,813,992
4	Tennessee Gas Pipeline ¹	\$	254,911	257,943	119,186
5	Trunkline Gas Company ¹	\$	6,874	6,653	6,874
6	Twin Eagle Resource Management	\$	0	0	0
7	Midwestern Pipeline ¹	\$	0	0	0
8	Total Pipeline Supply	\$	1,511,867	1,474,352	1,940,051
9	Total Other Suppliers	\$	3,293,923	3,656,544	5,127,623
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	8,836
17	Injections	\$	(1,493,182)	(1,599,781)	(1,727,739)
18	Producers	\$	7,831	8,543	6,598
19	Third Party Reimbursements	\$	(405)	(582)	(760)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances ²	\$	(615,111)	(1,326,906)	(1,765,480)
22	Sub-Total	\$	2,852,877	2,360,125	3,737,082
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	<u>2,852,877.40</u>	<u>2,360,124.59</u>	<u>3,737,082.37</u>

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.

Traditional and Other Pipelines

Description	August, 2019		September, 2019		October, 2019	
	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	1,498,976	\$2,874,740.18	1,542,227	\$3,159,971.93	2,062,221	\$4,487,947.93
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	191,242	\$418,527.19	216,828	\$498,466.51	260,712	\$639,039.41
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	(7)	(\$14.23)	(5)	(\$10.83)	(28)	(\$53.39)
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	346	\$788.42	(665)	(\$1,781.46)	338	\$791.44
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	(\$118.67)	0	(\$102.45)	0	(\$102.28)
59						
60						
61 All Zones						
62 Total	1,690,557	\$3,293,922.89	1,758,385	\$3,656,543.70	2,323,243	\$5,127,623.11
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 (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-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

Atmos Energy Corporation
Performance Based Rate Recovery Factor
2020-00000
(PBRRF)

Exhibit E

Line No.	Amounts Reported:	AMOUNT
1	Company Share of 11/18-10/19 PBR Activity	\$ 3,410,396.49
2	Carry-over Amount in Case No. 2018-00425	\$264,430.05
3		-
4	Total	<u>\$ 3,674,826.54</u>
5		
6		
7	Total	\$ 3,674,826.54
8	Less: Amount related to specific end users	0.00
9	Amount to flow-through	<u><u>\$ 3,674,826.54</u></u>
10		
11		
12		
13	Allocation	Total
14		
15	Company share of PBR activity	\$ 3,674,826.54
16		
17	PBR Calculation	
18		
19	Demand Allocator - All	
20	(See Exh. B, p. 6, line 10)	0.1495
21	Demand Allocator - Firm	
22	(1 - Demand Allocator - All)	0.8505
23	Firm Volumes (normalized)	
24	(See Exh. B, p. 6, col. (a), line 19)	16,713,759
25	All Volumes (excluding Transportation)	
26	(See Exh. B, p. 6, col. (b), line 28)	16,941,089
27		
28		
29	Total Sales Factor (Line 15 / Line 26)	\$ 0.2169 / MCF
30		
31	Total Interruptible Sales Factor (Line 29)	\$ 0.2169 / MCF

Atmos Energy Corporation
Performance Based Rate Recovery - Residual Balance Calculation
Carry-over Amount in Case No.

PBR
Workpaper 1

Company Share of 11/17-10/187 PBR Activity
Carry-over Amount in Case No. 2017-00478

3,277,497.22
175,533.07

Balance Filed in Case No.

3,453,030.29

Line No.	Month	Sales	PBRRF	PBR Recoveries	PBR Recovery Adjustments	Total PBR Recoveries	Balance
	(a)	(b)	(c)	(d)	(e)	(d) + (e) = (f)	Prior (g) - (f) = (g)
1							
2	Balance Forward (from above)						\$ 3,453,030.29
3	Feb-18	3,394,635	\$0.1852	\$628,722.43	\$3,332.41	632,054.84	2,820,975.45
4	Mar-18	2,117,204	0.1852	392,128.67	\$2,817.29	394,945.96	2,426,029.49
5	Apr-18	1,988,475	0.1852	368,286.65	\$2,497.13	370,783.78	2,055,245.71
6	May-18	848,002	0.1852	157,059.01	\$2,116.59	159,175.60	1,896,070.11
7	Jun-18	344,274	0.1852	63,763.21	\$1,077.16	64,840.37	1,831,229.74
8	Jul-18	370,376	0.1852	68,597.63	\$42.49	68,640.12	1,762,589.62
9	Aug-18	338,555	0.1852	62,704.00	\$41.82	62,745.82	1,699,843.80
10	Sep-18	421,127	0.1852	77,997.24	\$38.66	78,035.90	1,621,807.90
11	Oct-18	473,514	0.1852	87,699.86	\$42.87	87,742.73	1,534,065.17
12	Nov-18	1,466,175	0.1852	271,551.18	\$40.77	271,591.95	1,262,473.22
13	Dec-18	2,594,530	0.1852	480,534.45	\$1,676.88	482,211.33	780,261.89
14	Jan-19	2,654,053	0.1852	491,558.86	\$24,272.98	515,831.84	264,430.05
15							
16	Total	17,010,920		\$3,150,603.19	\$37,997.05	\$3,188,600.24	\$264,430.05