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PUBLIC SERVICE  
COMMISSION

September 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- 00368**

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](mailto:Anthony.Croissant@atmosenergy.com).

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

Sincerely,

  
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	)	CASE NO.
FILING OF	)	2019- 00368
ATMOS ENERGY CORPORATION	)	

**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 November 1, 2019 through January 31, 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.

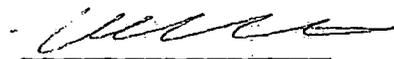
7. The attached information is also entitled to confidential treatment because it constitutes a trade secret under the two prong test of KRS 365.880: (a) the economic value of the information as derived by not being readily ascertainable by other persons who might obtain economic value by its disclosure; 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 30<sup>th</sup> day of September 2019.



Mark R. Hutchinson  
611 Frederica Street  
Owensboro, Kentucky 42301  
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124 W. Todd Street  
Frankfort, Kentucky 40601  
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Attorneys for 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. 2019-00368

NOTICE

QUARTERLY FILING

For The Period

November 01, 2019 - January 31, 2020

Attorney for Applicant

Mark R. Hutchinson  
611 Frederica Street  
Owensboro, Kentucky 42301

September 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-First Revised Sheet No. 4, Thirty-First Revised Sheet No. 5, and Thirty-First Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective November 01, 2019.

The Gas Cost Adjustment (GCA) for firm sales service is \$3.9939 per Mcf and \$2.7314 per Mcf for interruptible sales service. The supporting calculations for the Thirty-First 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. 2019-00225, 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, 2019 through January 31, 2020 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$4.2754 per Mcf for the quarter of November 01, 2019 through January 31, 2020 as compared to \$4.1944 per Mcf used

for the period of August 01, 2019 through October 31, 2019. The G-2 Expected Commodity Gas Cost will be approximately \$3.0129 for the quarter November 01, 2019 through January 31, 2020 as compared to \$2.9292 for the period of August 01, 2019 through October 31, 2019.

3. The Company's notice sets out a new Correction Factor of (\$0.5053) per Mcf which will remain in effect until at least January 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.

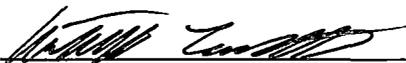
The Company is filing its updated Correction Factor that is based upon the balance in the Company's 1910 Account as of July 31, 2019 (August 2019 general ledger). The Calculation for the Correction Factor is shown on Exhibit D, Page 1 of 6. Also beginning with the January, 2014 GCA filing in compliance 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-First Revised Sheet No. 5; and Thirty-First 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, 2019.

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

ATMOS ENERGY CORPORATION

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

ATMOS ENERGY CORPORATION  
NAME OF UTILITY

**Current Rate Summary**  
Case No. 2019-00000

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

**Sales (G-1)**

**Transportation (T-4)**

First	300	<sup>1</sup> Mcf	@	5.3794	per Mcf	@	1.3855	per Mcf	(R, -)
Next	14,700	<sup>1</sup> Mcf	@	4.9517	per Mcf	@	0.9578	per Mcf	(R, -)
Over	15,000	Mcf	@	4.7590	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 Mcf<sup>2</sup>**

**Sales (G-2)**

**Transportation (T-3)**

First	15,000	<sup>1</sup> Mcf	@	3.5641	per Mcf	@	0.8327	per Mcf	(R, -)
Over	15,000	Mcf	@	3.3701	per Mcf	@	0.6387	per Mcf	(R, -)

<sup>1</sup> All gas consumed by the customer (sales, transportation; firm and interruptible) will be considered for the purpose of determining whether the volume requirement of 15,000 Mcf has been achieved.

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

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

DATE EFFECTIVE November 1, 2019  
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 2019-00000 DATED N/A

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

THIRTY-FIRST REVISED SHEET NO. 5

CANCELLING

THIRTIETH REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

**Current Gas Cost Adjustments**

Case No. 2019-00000

**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

<b><u>Gas Cost Adjustment Components</u></b>	<b><u>G - 1</u></b>	<b><u>G-2</u></b>	
EGC (Expected Gas Cost Component)	4.2754	3.0129	(I, I)
CF (Correction Factor)	(0.5053)	(0.5053)	(R, R)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.2238</u>	<u>0.2238</u>	(-, -)
GCA (Gas Cost Adjustment)	<u>\$3.9939</u>	<u>\$2.7314</u>	(R, R)

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

DATE EFFECTIVE November 1, 2019  
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 2019-00000 DATED N/A

**FOR ENTIRE SERVICE AREA**

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

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

**ATMOS ENERGY CORPORATION**

**NAME OF UTILITY**

**CANCELLING**

**THIRTIETH REVISED SHEET NO. 6**

**Current Transportation**

**Case No. 2019-00000**

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>	
<b><u>Transportation Service</u><sup>1</sup></b>											
<b><u>Firm Service (T-4)</u></b>											
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		(-)	
<b><u>Interruptible Service (T-3)</u></b>											
First	15,000	Mcf	@	\$0.8327 +		\$0.0000 =	\$0.8327	per Mcf		(-)	
All over	15,000	Mcf	@	0.6387 +		0.0000 =	0.6387	per Mcf		(-)	

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

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

DATE EFFECTIVE November 1, 2019  
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 2019-00000 DATED N/A

Line No.	Description	Case No.		Difference
		(a) 2019-00225 \$/Mcf	(b) 2019-00000 \$/Mcf	
1	<b><u>G - 1</u></b>			
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	2.7105	2.7916	0.0811
11	Demand	1.4839	1.4838	(0.0001)
12	Total EGC	4.1944	4.2754	0.0810
13	CF (Correction Factor)	(0.4144)	(0.5053)	(0.0909)
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.2238	0.2238	0.0000
16	GCA (Gas Cost Adjustment)	4.0038	3.9939	(0.0099)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	5.3893	5.3794	(0.0099)
20	Next 14,700 Mcf	4.9616	4.9517	(0.0099)
21	Over 15,000 Mcf	4.7689	4.7590	(0.0099)
22				
23				
24	<b><u>G - 2</u></b>			
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	2.7105	2.7916	0.0811
33	Demand	0.2187	0.2213	0.0026
34	Total EGC	2.9292	3.0129	0.0837
35	CF (Correction Factor)	(0.4144)	(0.5053)	(0.0909)
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.2238	0.2238	0.0000
38	GCA (Gas Cost Adjustment)	2.7386	2.7314	(0.0072)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	3.5713	3.5641	(0.0072)
42	Over 14,700 Mcf	3.3773	3.3701	(0.0072)

Atmos Energy Corporation  
 Comparison of Current and Previous Cases  
 Transportation Service

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2019-00225	2019-00000	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<b><u>T -4 Transportation Service / Firm Service (High Priority)</u></b>			
2				
3	<u>Simple Margin / Distribution Charge (per Case No. 2015-00343)</u>			
4	First 300 Mcf	1.3855	1.3855	0.0000
5	Next 14,700 Mcf	0.9578	0.9578	0.0000
6	Over 15,000 Mcf	0.7651	0.7651	0.0000
7				
8				
9	<b><u>T - 3 / Interruptible Service (Low Priority)</u></b>			
10				
11	<u>Simple Margin / Distribution Charge (per Case No. 2015-00343)</u>			
12	First 15,000 Mcf	0.8327	0.8327	0.0000
13	Over 15,000 Mcf	0.6387	0.6387	0.0000
14				

Line No.	Description	(a) Tariff Sheet No.	(b) Annual Units MMbtu	(c) Rate \$/MMbtu	(d) (e) Non-Commodity	
					Total \$	Demand \$
1	<b><u>SL to Zone 2</u></b>					
2	NNS Contract #	29760	12,340,360			
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	<b><u>SL to Zone 3</u></b>					
8	NNS Contract #	29762	27,757,688			
9	Base Rate	Section 4.4 - NNS		0.3543	9,834,549	9,834,549
10						
11	FT Contract #	29759	6,022,500			
12	Base Rate	Section 4.1 - FT		0.2939	1,770,013	1,770,013
13						
14	FT Contract #	34380	3,650,000			
15	Base Rate	Section 4.1 - FT		0.2939	1,072,735	1,072,735
16						
17	Total SL to Zone 3		<u>37,430,188</u>		<u>12,677,297</u>	<u>12,677,297</u>
18						
19	<b><u>Zone 1 to Zone 3</u></b>					
20	STF Contract #	35772	323,400			
21	Base Rate	Section 4.2 - STF		0.3282	106,140	106,140
22						
23						
24						
25						
26	Total Zone 1 to Zone 3		<u>323,400</u>		<u>106,140</u>	<u>106,140</u>
27						
28	<b><u>SL to Zone 4</u></b>					
29	NNS Contract #	29763	3,320,769			
30	Base Rate	Section 4.4 - NNS		0.4190	1,391,402	1,391,402
31						
32	FT Contract #	31097	1,825,000			
33	Base Rate	Section 4.1 - FT		0.3670	669,775	669,775
34						
38	Total SL to Zone 4		<u>5,145,769</u>		<u>2,061,177</u>	<u>2,061,177</u>
39						
40	<b><u>Zone 2 to Zone 4</u></b>					
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	<b><u>Zone 3 to Zone 3</u></b>					
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) Tariff Sheet No.	(b) Annual Units MMbtu	(c) Rate \$/MMbtu	(d) (e) Non-Commodity	
					Total \$	Demand \$
1	<b>0 to Zone 2</b>					
2	FT-G Contract # 2546		145,000			
3	Base Rate	23		15.2547	2,211,932	2,211,932
4						
5	FT-A Contract # 95033		144,000			
6	Base Rate	14		15.2547	2,196,677	2,196,677
7						
8	Total Zone 0 to 2		<u>289,000</u>		<u>4,408,609</u>	<u>4,408,609</u>
9						
10	<b>1 to Zone 2</b>					
11	FT-A Contract # 300264		30,000			
12	Base Rate	14		10.3593	310,779	310,779
13						
14	Total Zone 1 to 2		<u>30,000</u>		<u>310,779</u>	<u>310,779</u>
15						
16	<b>Gas Storage</b>					
17	Production Area:					
18	Demand	61	34,968	1.9915	69,639	69,639
19	Space Charge	61	4,916,148	0.0202	99,306	99,306
20	Market Area:					
21	Demand	61	237,408	1.4630	347,328	347,328
22	Space Charge	61	<u>10,846,308</u>	0.0200	<u>216,926</u>	<u>216,926</u>
23	Total Storage		<u>16,034,832</u>		<u>733,199</u>	<u>733,199</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity				<u><u>5,452,587</u></u>	<u><u>5,452,587</u></u>

Line No.	Description	(a) Tariff Sheet No.	(b)	(c) Purchases Mcf	(d) MMbtu	(e) Rate \$/MMbtu	(f) Total \$
1	<u>No Notice Service</u>				2,222,802		
2	Indexed Gas Cost					2.7760	6,170,500
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	108,917
4	Fuel and Loss Retention @	Section 4.18.1	1.76%			0.0497	110,473
5						2.8747	6,389,890
6							
7	<u>Firm Transportation</u>				1,818,657		
8	Indexed Gas Cost					2.7760	5,048,591
9	Base (Weighted on MDQs)					0.0442	80,385
10	ACA	Section 4.1 - FT				0.0013	2,364
11	Fuel and Loss Retention @	Section 4.18.1	1.76%			0.0497	90,387
12						2.8712	5,221,727
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				1,795,230	2.3150	4,155,957
16	Injections				0	2.7760	0
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	87,966
18	Fuel and Loss Retention @	Section 4.18.1	1.76%			0.0497	89,223
19					1,795,230	2.4137	4,333,146
20							
21							
22	Total Purchases in Texas Area				5,836,689	2.7318	15,944,763
23							
24							
25	<u>Used to allocate transportation non-commodity</u>						
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

Line No.	Description	Tariff Sheet No.	(a)	(b)	(c)	(d)	(e)	(f)	
									Purchases
						Mcf	MMbtu	\$/MMbtu	\$
1	<u>FT-A and FT-G</u>						453,349		
2	Indexed Gas Cost							2.7760	1,258,495
3	Base Commodity (Weighted on MDQs)							0.0159	7,230
4	ACA	24						0.0013	589
5	Fuel and Loss Retention	32	2.17%					0.0616	27,926
6								<u>2.8548</u>	<u>1,294,240</u>
7									
8	<u>FT-GS</u>						0		
9	Indexed Gas Cost							2.7760	0
10	Base Rate	26						0.8518	0
11	ACA	24						0.0013	0
12	Fuel and Loss Retention	32	2.17%					0.0616	0
13								<u>3.6907</u>	<u>0</u>
14									
15	<u>Gas Storage</u>								
16	FT-A & FT-G Market Area Withdrawals						726,742	2.3150	1,682,408
17	FT-A & FT-G Market Area Injections						0	2.7760	0
18	Withdrawal Rate	61						0.0087	6,323
19	Injection Rate	61						0.0087	0
20	Fuel and Loss Retention	61	1.75%					0.0002	145
21	Total						<u>726,742</u>	<u>2.3239</u>	<u>1,688,876</u>
22									
23									
24									
25	Total Tennessee Gas Zones						<u>1,180,091</u>	<u>2.5279</u>	<u>2,983,116</u>

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	Firm Transportation					
2	Expected Volumes			260,500		
3	Indexed Gas Cost				2.7760	723,148
4	Base Commodity	13			0.0051	1,329
5	ACA	13			0.0013	339
6	Fuel and Loss Retention	13	0.24%		0.0039	1,016
7					<u>2.7863</u>	<u>725,832</u>
8						
9						

Non-Commodity

Line No.	Description	Tariff Sheet No.	Annual Units	Rate	Total	Demand
			MMbtu	\$/MMbtu	\$	\$
	<b>Injections</b>					
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	5,452,587			
5	Trunkline Gas Company	181,494			
6	Total	<u>\$25,091,251</u>			
7					
8		Allocated	Related	<u>Monthly Demand Charge</u>	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1508	\$3,783,761	17,095,049	0.2213 0.2213
11	Firm	0.8492	21,307,490	16,877,502	1.2625
12	Total	<u>1.0000</u>	<u>\$25,091,251</u>		<u>1.4838 0.2213</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	16,877,502	16,877,502	16,877,502	1.4838
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	217,547	217,547		1.4838 0.2213
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	30,275,212			
27					
28		<u>47,370,260</u>	<u>17,095,049</u>	<u>16,877,502</u>	
29					
30					

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

Line No. Description	(a)	(b)	(c)	(d)
	Purchases Mcf	MMbtu	Rate \$/Mcf	Total \$
1 <b><u>Texas Gas Area</u></b>				
2 No Notice Service	2,148,755	2,222,802	2.9738	6,389,890
3 Firm Transportation	1,758,072	1,818,657	2.9701	5,221,727
4 No Notice Storage	1,735,426	1,795,230	2.4969	4,333,146
5 Total Texas Gas Area	5,642,253	5,836,689	2.8260	15,944,763
6				
7 <b><u>Tennessee Gas Area</u></b>				
8 FT-A and FT-G	428,661	453,349	3.0193	1,294,240
9 FT-GS	0	0	0.0000	0
10 Gas Storage				
11 Injections	0	0	0.0000	0
12 Withdrawals	687,166	726,742	2.4577	1,688,876
13	1,115,827	1,180,091	2.6735	2,983,116
14 <b><u>Trunkline Gas Area</u></b>				
15 Firm Transportation	251,448	260,500	2.8866	725,832
16				
17 <b><u>Company Owned Storage</u></b>				
18 Withdrawals	1,260,885	1,304,336	2.4137	3,043,398
19 Injections	0		0.0000	0
20 Net WKG Storage	1,260,885	1,304,336	2.4137	3,043,398
21				
22				
23 Local Production	9,514	10,062	2.7760	26,411
24				
25				
26				
27 Total Commodity Purchases	8,279,927	8,591,678	2.7444	22,723,520
28				
29 Lost & Unaccounted for @ 1.69%	139,930	145,199		
30				
31 Total Deliveries	8,139,997	8,446,479	2.7916	22,723,520
32				
33				
34				
35 Total Expected Commodity Cost	8,139,997	8,446,479	2.7916	22,723,520

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	17,095,049
2	Transportation	<u>0</u>
3	Total Mcf Billed Demand Charges	17,095,049
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>46,836</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)	<b>0.1508</b>
13		

**Atmos Energy Corporation**  
Basis for Indexed Gas Cost  
For the Quarter ending January - 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 November 2019 through January 2020 during the period September 12 through September 25, 2019.

		Nov-19	Dec-19	Jan-20
		(\$/MMBTU)	(\$/MMBTU)	(\$/MMBTU)
Thursday	09/12/19	2.758	2.857	2.803
Friday	09/13/19	2.800	2.898	2.842
Monday	09/16/19	2.725	2.867	2.963
Tuesday	09/17/19	2.700	2.840	2.940
Wednesday	09/18/19	2.665	2.803	2.906
Thursday	09/19/19	2.569	2.726	2.828
Friday	09/20/19	2.555	2.705	2.811
Monday	09/23/19	2.555	2.701	2.807
Tuesday	09/24/19	2.525	2.681	2.789
Wednesday	09/25/19	2.502	2.518	2.668
Average		<u>\$2.635</u>	<u>\$2.760</u>	<u>\$2.836</u>

- B. The Company believes prices are increasing and prices for the quarter ending January 31, 2020 will settle at \$2.776 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 - 2020

	November-19			December-19			January-20			Total		
	<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-19	585,203	\$2,053,503.74	\$3,819,895.31	(\$1,766,391.57)	\$0.00	(\$1,766,391.57)
2							
3	June-19	531,495	\$2,895,681.61	\$2,324,081.45	\$571,600.16	\$0.00	\$571,600.16
4							
5	July-19	627,046	\$2,415,414.96	\$2,072,014.15	\$343,400.81	\$0.00	\$343,400.81
6							
7	Total Gas Cost						
8	Under/(Over) Recovery		<u>\$7,364,600.31</u>	<u>\$8,215,990.91</u>	<u>(\$851,390.60)</u>	<u>\$0.00</u>	<u>(\$851,390.60)</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,062,563.95</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through April 2019 (May 2019 GL)					(7,746,845.30)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended July 2019					(851,390.60)	
15	Recovery from outstanding Correction Factor (CF)					(703,511.67)	
16	Over-Refunded Amount of Pipeline Refunds					0.00	
17	Prior Net Uncollectable Gas Cost as of November, 2017						
18	(Over)/Under Recovered Gas Cost through July 2019 (August 2019 GL) (a)					<u>(\$9,301,747.57)</u>	
19	Divided By: Total Expected Customer Sales (b)					17,095,049	Mcf
20							
21	Correction Factor - Part 1					<u>(\$0.5441)</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2018 (c)					662,947.63	
25	Divided By: Total Expected Customer Sales (b)					17,095,049	
26							
27	Correction Factor - Part 2					<u>\$0.0388</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through July 2019 (August 2019 GL) incl. Net Uncol Gas Cost					<u>(\$8,638,799.94)</u>	
31	Divided By: Total Expected Customer Sales (b)					17,095,049	
32							
33	Correction Factor - Total (CF)					<u>(\$0.5053)</u>	/ Mcf
34							

**Atmos Energy Corporation**  
Recoverable Gas Cost Calculation  
For the Three Months Ended July 2019  
2019-00000

Line No.	Description	GL Unit	June-19	July-19	August-19
			(a)	(b)	(c)
			May-19	Month June-19	July-19
1	<b>Supply Volume</b>				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	Mcf	0	0	0
4	Tennessee Gas Pipeline <sup>1</sup>	Mcf	0	0	0
5	Trunkline Gas Company <sup>1</sup>	Mcf	0	0	0
6	Midwestern Pipeline <sup>1</sup>	Mcf	0	0	0
7	<b>Total Pipeline Supply</b>	Mcf	0	0	0
8	Total Other Suppliers	Mcf	1,569,625	1,571,657	1,590,213
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	678	0	0
14	Injections	Mcf	(624,534)	(634,058)	(664,283)
15	Producers	Mcf	3,514	2,918	3,630
16	Third Party Reimbursements	Mcf	0	(463)	(542)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances <sup>2</sup>	Mcf	(364,080)	(408,559)	(301,973)
19	<b>Total Supply</b>	Mcf	585,203	531,495	627,046
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	<b>Total Purchases</b>	Mcf	585,203	531,495	627,046

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

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

**Atmos Energy Corporation**  
Recoverable Gas Cost Calculation  
For the Three Months Ended July 2019  
2019-00000

Line No.	Description	GL Unit	June-19	July-19	August-19
			(a)	(b) Month	(c)
			May-19	June-19	July-19
1	<b>Supply Cost</b>				
2	Pipelines:				
3	Texas Gas Transmission <sup>1</sup>	\$	1,250,082	1,209,757	1,250,082
4	Tennessee Gas Pipeline <sup>1</sup>	\$	264,807	250,660	256,946
5	Trunkline Gas Company <sup>1</sup>	\$	6,873	6,654	6,875
6	Twin Eagle Resource Management	\$	0	0	0
7	Midwestern Pipeline <sup>1</sup>	\$	0	0	0
8	<b>Total Pipeline Supply</b>	\$	1,521,762	1,467,070	1,513,903
9	Total Other Suppliers	\$	3,764,467	3,749,126	3,338,090
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	\$	1,922	0	0
17	Injections	\$	(1,485,597)	(1,551,027)	(1,376,159)
18	Producers	\$	8,607	6,922	7,858
19	Third Party Reimbursements	\$	0	(2,265)	(2,826)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances <sup>2</sup>	\$	(1,905,610)	(922,099)	(1,213,405)
22	<b>Sub-Total</b>	\$	2,053,504	2,895,682	2,415,415
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	<b>Total Recoverable Gas Cost</b>	\$	<u>2,053,503.74</u>	<u>2,895,681.61</u>	<u>2,415,414.96</u>

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

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

Atmos Energy Corporation  
Recovery from Correction Factors (CF)  
For the Three Months Ended July 2019  
2019-00000

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	May-19	G-1 Sales	680,384.274	\$0.5202	\$353,935.90	\$0.0000	\$0.00	\$0.2238	\$152,270.00	\$4.7292	\$3,217,673.31	\$3,723,879.21	
2		G-2 Sales	8,686.348	\$0.5202	4,518.64	\$0.0000	0.00	\$0.2238	1,944.00	\$4.2080	36,552.15	\$43,014.79	
6		Sub Total	689,070.622		\$358,454.54		\$0.00		\$154,214.00		\$3,254,225.46	\$3,766,894.00	
7		Timing: Cycle Billing and PPA's	0.000		(39,148.72)		0.00		33,247.75		565,669.85	\$559,768.88	
8		Total	689,070.622		\$319,305.82		\$0.00		\$187,461.75		\$3,819,895.31	\$4,326,662.88	\$4,139,201.13
11	June-19	G-1 Sales	406,963.285	\$0.5202	\$211,702.30	\$0.0000	\$0.00	\$0.2238	\$91,078.38	\$4.7292	\$1,924,610.77	\$2,227,391.45	
12		G-2 Sales	2,823.556	\$0.5202	1,468.81	\$0.0000	0.00	\$0.2238	631.91	\$4.2080	11,881.52	\$13,982.24	
16		Sub Total	409,786.841		\$213,171.11		\$0.00		\$91,710.29		\$1,936,492.29	\$2,241,373.69	
17		Timing: Cycle Billing and PPA's	0.000		(3,084.99)		0.00		21,649.24		387,589.16	\$406,153.41	
18		Total	409,786.841		\$210,086.12		\$0.00		\$113,359.53		\$2,324,081.45	\$2,647,527.10	\$2,534,167.57
21	July-19	G-1 Sales	203,972.448	\$0.5202	\$106,106.47	\$0.0000	\$0.00	\$0.2238	\$45,649.03	\$4.7292	\$964,626.50	\$1,116,382.00	
22		G-2 Sales	10,151.896	\$0.5202	5,281.02	\$0.0000	0.00	\$0.2238	2,271.99	\$4.2080	42,719.18	\$50,272.19	
26		Sub Total	214,124.344		\$111,387.49		\$0.00		\$47,921.02		\$1,007,345.68	\$1,166,654.19	
27		Timing: Cycle Billing and PPA's	0.000		62,732.24		0.00		53,309.13		1,064,668.47	\$1,180,709.84	
28		Total	214,124.344		\$174,119.73		\$0.00		\$101,230.15		\$2,072,014.15	\$2,347,364.03	\$2,246,133.88
31	Total Recovery from Correction Factor (CF)					\$703,511.67							
32	Total Amount Refunded through the Refund Factor (RF)						\$0.00						
33	Total Recovery from Performance Based Rate Recovery Factor (PBRRF)								\$402,051.43				
34	Total Recoveries from Expected Gas Cost (EGC) Factor									\$8,215,990.91			
35	Total Recoveries from Gas Cost Adjustment Factor (GCA)										\$9,321,554.01		
36													
37													\$8,919,502.58
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	May, 2019		June, 2019		July, 2019	
	MCF	Cost	MCF	Cost	MCF	Cost
<b>1 Texas Gas Pipeline Area</b>						
2 LG&E Natural						
3 Texaco Gas Marketing						
4 CMS						
5 WESCO						
6 Southern Energy Company						
7 Union Pacific Fuels						
8 Atmos Energy Marketing, LLC						
9 Engage						
10 ERI						
11 Prepaid						
12 Reservation						
13 Hedging Costs - All Zones						
14						
15 <b>Total</b>	1,371,363	\$3,236,866.68	1,360,271	\$3,175,593.85	1,375,573	\$2,833,702.34
16						
17						
<b>18 Tennessee Gas Pipeline Area</b>						
19 Chevron Natural Gas, Inc.						
20 Atmos Energy Marketing, LLC						
21 WESCO						
22 Prepaid						
23 Reservation						
24 Fuel Adjustment						
25						
26 <b>Total</b>	198,027	\$527,152.16	211,161	\$573,086.15	215,774	\$507,242.41
27						
28						
<b>29 Trunkline Gas Company</b>						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 <b>Total</b>	3	\$7.43	(51)	(\$109.82)	19	\$44.21
37						
38						
<b>39 Midwestern Pipeline</b>						
40 Atmos Energy Marketing, LLC						
41 Midwestern Gas Transmission						
42 Anadarko						
43 Prepaid						
44 Reservation						
45 Fuel Adjustment						
46						
47 <b>Total</b>	232	\$585.80	276	\$663.82	(1,153)	(\$2,785.28)
48						
49						
<b>50 ANR Pipeline</b>						
51 Atmos Energy Marketing, LLC						
52 LG&E Natural						
53 Anadarko						
54 Prepaid						
55 Reservation						
56 Fuel Adjustment						
57						
58 <b>Total</b>	0	(\$145.34)	0	(\$107.57)	0	(\$113.95)
59						
60						
<b>61 All Zones</b>						
62 <b>Total</b>	1,569,625	\$3,764,466.73	1,571,657	\$3,749,126.43	1,590,213	\$3,338,089.73
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, 2018

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-17	(\$64,503.06)	(\$134,412.80)	(\$6,727.81)	(\$205,643.67)	\$20,208.37	\$49,988.32	\$44,294.69	\$44,294.69
2	Jan-18	(\$12,606.47)	(\$45,893.68)	(\$2,458.34)	(\$60,958.49)	\$13,253.62	\$16,484.00	(\$647.15)	\$43,647.54
3	Feb-18	(\$27,020.56)	(\$115,508.78)	(\$3,891.32)	(\$146,420.66)	\$8,790.27	\$29,117.89	\$18,230.29	\$61,877.83
4	Mar-18	(\$3,624.19)	(\$43,715.38)	(\$1,368.78)	(\$48,708.35)	\$10,692.19	\$14,425.86	(\$7,068.00)	\$54,809.83
5	Apr-18	(\$22,726.45)	(\$75,593.33)	(\$3,818.44)	(\$102,138.22)	\$4,537.99	\$7,763.14	\$18,188.46	\$72,998.29
6	May-18	(\$28,298.73)	(\$60,014.35)	(\$3,105.88)	(\$91,418.96)	\$4,666.97	\$8,429.82	\$23,631.76	\$96,630.05
7	Jun-18	(\$36,465.23)	(\$46,406.98)	(\$2,836.59)	(\$85,708.80)	\$3,761.26	\$6,223.11	\$32,703.97	\$129,334.02
8	Jul-18	(\$74,077.63)	(\$74,207.98)	(\$6,453.29)	(\$154,738.90)	\$4,892.55	\$8,284.68	\$69,185.08	\$198,519.10
9	Aug-18	(\$105,026.16)	(\$115,968.02)	(\$8,340.59)	(\$229,334.77)	\$5,348.42	\$5,888.03	\$99,677.74	\$298,196.84
10	Sep-18	(\$131,229.06)	(\$143,720.03)	(\$9,996.26)	(\$284,945.35)	\$7,127.83	\$9,672.83	\$124,101.23	\$422,298.07
11	Oct-18	(\$198,847.02)	(\$216,930.61)	(\$14,086.79)	(\$429,864.42)	\$29,094.55	\$28,001.60	\$169,752.47	\$592,050.54
12	Nov-18	(\$117,596.02)	(\$156,629.03)	(\$9,551.56)	(\$283,776.61)	\$46,698.93	\$40,917.07	\$70,897.09	\$662,947.63