



September 28, 2018

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

Re: Case No. 2018-00337

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

RECEIVED

SEP 28 2018

PUBLIC SERVICE
COMMISSION

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

RECEIVED

SEP 28 2018

PUBLIC SERVICE
COMMISSION

In the Matter of:

GAS COST ADJUSTMENT)	CASE NO.
FILING OF)	2018-00337
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, 2018 through January 31, 2019. 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.

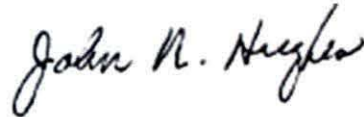
7. The attached information is also entitled to confidential treatment because it constitutes a trade secret under the two prong test of KRS 365.880: (a) the economic value of the information as derived by not being readily ascertainable by other persons who might obtain economic value by its disclosure; 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 29th day of September 2018.



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Attorneys for Atmos Energy Corporation

COMMONWEALTH OF KENTUCKY
BEFORE THE
KENTUCKY PUBLIC SERVICE COMMISSION

RECEIVED

SEP 28 2018

PUBLIC SERVICE
COMMISSION

In the Matter of:

GAS COST ADJUSTMENT)
FILING OF)
ATMOS ENERGY CORPORATION)

Case No. 2018-00337

NOTICE

QUARTERLY FILING

For The Period

November 01, 2018 - January 31, 2019

Attorney for Applicant

Mark R. Hutchinson
611 Frederica Street
Owensboro, Kentucky 42301

September 28, 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 Twenty-Fourth Revised Sheet No. 4, Twenty-Fourth Revised Sheet No. 5, and Twenty-Fourth Revised Sheet No. 6 to its PSC No. 2, Rates, Rules and Regulations for Furnishing Natural Gas to become effective November 01, 2018.

The Gas Cost Adjustment (GCA) for firm sales service is \$4.3231 per Mcf and \$3.0151 per Mcf for interruptible sales service. The supporting calculations for the Twenty-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. 2018-00233, 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, 2018 through January 31, 2019 as shown in Exhibit C, page 1 of 2.
2. The G-1 Expected Gas Cost will be approximately \$4.4228 per Mcf for the quarter of November 01, 2018 through January 31, 2019 as compared to \$4.7812 per Mcf used

for the period of August 01, 2018 through October 31, 2018. The G-2 Expected Commodity Gas Cost will be approximately \$3.1148 for the quarter November 01, 2018 through January 31, 2019 as compared to \$3.473 for the period of August 01, 2018 through October 31, 2018.

3. The Company's notice sets out a new Correction Factor of (\$0.2849) per Mcf which will remain in effect until at least January 31, 2019.
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, 2018 (August 2018 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 Twenty-Fourth Revised Sheet No. 5; and Twenty-Fourth Revised Sheet No. 6 setting out the General Transportation Tariff Rate T-3 and T-4 for each respective sales rate for meter readings made on and after November 01, 2018.

DATED at Dallas, Texas this 28th 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. 2018-00000

Firm Service

Base Charge:

Residential (G-1)	-	\$17.50	per meter per month
Non-Residential (G-1)	-	44.50	per meter per month
Transportation (T-4)	-	375.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf ²

Sales (G-1)

Transportation (T-4)

First	300	¹ Mcf	@	6.0481	per Mcf	@	1.7250	per Mcf	(R, -)
Next	14,700	¹ Mcf	@	5.2831	per Mcf	@	0.9600	per Mcf	(R, -)
Over	15,000	Mcf	@	5.0931	per Mcf	@	0.7700	per Mcf	(R, -)

Interruptible Service

Base Charge	-	\$375.00	per delivery point per month
Transportation Administration Fee	-	50.00	per customer per meter

Rate per Mcf ²

Sales (G-2)

Transportation (T-3)

First	15,000	¹ Mcf	@	3.8701	per Mcf	@	0.8550	per Mcf	(R, -)
Over	15,000	Mcf	@	3.6501	per Mcf	@	0.6350	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 September 28, 2019
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2018
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 2018-00000 DATED N/A

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

TWENTY-FOURTH REVISED SHEET NO. 5

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

TWENTY-THIRD REVISED SHEET NO. 5

Current Gas Cost Adjustments

Case No. 2018-00000

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)	4.4228	3.1148	(R, R)
CF (Correction Factor)	(0.2849)	(0.2849)	(I, I)
RF (Refund Adjustment)	0.0000	0.0000	(-, -)
PBRRF (Performance Based Rate Recovery Factor)	<u>0.1852</u>	<u>0.1852</u>	(-, -)
GCA (Gas Cost Adjustment)	<u><u>\$4.3231</u></u>	<u><u>\$3.0151</u></u>	(R, R)

DATE OF ISSUE September 28, 2019
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2018
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 2018-00000 DATED N/A

FOR ENTIRE SERVICE AREA

P.S.C. KY NO. 2

TWENTY-FOURTH REVISED SHEET NO. 6

ATMOS ENERGY CORPORATION

NAME OF UTILITY

CANCELLING

TWENTY-THIRD REVISED SHEET NO. 6

Current Transportation

Case No. 2018-00000

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

System Lost and Unaccounted gas percentage: -2.21%

				<u>Simple Margin</u>	<u>Non- Commodity</u>	<u>Gross Margin</u>	
<u>Transportation Service</u>¹							
<u>Firm Service (T-4)</u>							
First	300	Mcf	@	\$1.7250 +	\$0.0000 =	\$1.7250 per Mcf	(-)
Next	14,700	Mcf	@	0.9600 +	0.0000 =	0.9600 per Mcf	(-)
All over	15,000	Mcf	@	0.7700 +	0.0000 =	0.7700 per Mcf	(-)
<u>Interruptible Service (T-3)</u>							
First	15,000	Mcf	@	\$0.8550 +	\$0.0000 =	\$0.8550 per Mcf	(-)
All over	15,000	Mcf	@	0.6350 +	0.0000 =	0.6350 per Mcf	(-)

¹ Excludes standby sales service.

DATE OF ISSUE September 28, 2019
MONTH / DATE / YEAR

DATE EFFECTIVE November 1, 2018
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 2018-00000 DATED N/A

Line No.	Description	Case No.		Difference
		2018-00233	2018-00000	
		\$/Mcf	\$/Mcf	\$/Mcf
1	<u>G - 1</u>			
2				
3	<u>Distribution Charge (per Case No. 2015-00343)</u>			
4	First 300 Mcf	1.7250	1.7250	0.0000
5	Next 14,700 Mcf	0.9600	0.9600	0.0000
6	Over 15,000 Mcf	0.7700	0.7700	0.0000
7				
8	<u>Gas Cost Adjustment Components</u>			
9	EGC (Expected Gas Cost):			
10	Commodity	3.2519	2.8936	(0.3583)
11	Demand	1.5293	1.5292	(0.0001)
12	Total EGC	4.7812	4.4228	(0.3584)
13	CF (Correction Factor)	(0.3093)	(0.2849)	0.0244
14	RF (Refund Adjustment)	0.0000	0.0000	0.0000
15	PBRRF (Performance Based Rate Recovery Factor)	0.1852	0.1852	0.0000
16	GCA (Gas Cost Adjustment)	4.6571	4.3231	(0.3340)
17				
18	<u>Rate per Mcf (GCA included)</u>			
19	First 300 Mcf	6.3821	6.0481	(0.3340)
20	Next 14,700 Mcf	5.6171	5.2831	(0.3340)
21	Over 15,000 Mcf	5.4271	5.0931	(0.3340)
22				
23				
24	<u>G - 2</u>			
25				
26	<u>Distribution Charge (per Case No. 2015-00343)</u>			
27	First 15,000 Mcf	0.8550	0.8550	0.0000
28	Over 15,000 Mcf	0.6350	0.6350	0.0000
29				
30	<u>Gas Cost Adjustment Components</u>			
31	EGC (Expected Gas Cost):			
32	Commodity	3.2519	2.8936	(0.3583)
33	Demand	0.2211	0.2212	0.0001
34	Total EGC	3.4730	3.1148	(0.3582)
35	CF (Correction Factor)	(0.3093)	(0.2849)	0.0244
36	RF (Refund Adjustment)	0.0000	0.0000	0.0000
37	PBRRF (Performance Based Rate Recovery Factor)	0.1852	0.1852	0.0000
38	GCA (Gas Cost Adjustment)	3.3489	3.0151	(0.3338)
39				
40	<u>Rate per Mcf (GCA included)</u>			
41	First 300 Mcf	4.2039	3.8701	(0.3338)
42	Over 14,700 Mcf	3.9839	3.6501	(0.3338)
43				
44				
45	<u>Refund Factor (RF)</u>			
47		Effective		
48	Case No.	Date	RF	
49				
50	1 - 2017-00260	8/1/2017	0.0000	
51	2 - 2017-00402	11/1/2017	0.0000	
52	3 - 2018-00233	8/1/2018	0.0000	
53	4 - 2018-00000	11/1/2018	0.0000	
54				
55	Total Refund Factor (RF)		\$0.0000	

Atmos Energy Corporation
 Comparison of Current and Previous Cases
 Transportation Service

Line No.	Description	(a)	(b)	(c)
		Case No.		Difference
		2018-00233	2018-00000	
		\$/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	1.7250	1.7250	0.0000
5	Next 14,700 Mcf	0.9600	0.9600	0.0000
6	Over 15,000 Mcf	0.7700	0.7700	0.0000
7				
8				
9	<u>T - 3 / Interruptible Service (Low Priority)</u>			
10				
11	<u>Simple Margin / Distribution Charge (per Case No. 2015-00343)</u>			
12	First 15,000 Mcf	0.8550	0.8550	0.0000
13	Over 15,000 Mcf	0.6350	0.6350	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	776,400			
21	Base Rate	Section 4.2 - STF		0.3282	254,814	254,814
22						
23	STF Contract #	36788	90,000			
24	Base Rate	Section 4.2 - STF		0.3282	29,538	29,538
25						
26	Total Zone 1 to Zone 3		<u>866,400</u>		<u>284,352</u>	<u>284,352</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		866,400		284,352	284,352
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>59,162,437</u>		<u>19,635,382</u>	<u>19,635,382</u>
60						
61						
62	Total Texas Gas Area Non-Commodity				<u>19,635,382</u>	<u>19,635,382</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	0 to Zone 2					
2	FT-G Contract # 2546		145,000			
3	Base Rate	23		15.5759	2,258,506	2,258,506
4						
5	FT-A Contract # 95033		144,000			
6	Base Rate	14		15.5759	2,242,930	2,242,930
7						
8	Total Zone 0 to 2		<u>289,000</u>		<u>4,501,436</u>	<u>4,501,436</u>
9						
10	1 to Zone 2					
11	FT-A Contract # 300264		30,000			
12	Base Rate	14		10.5774	317,322	317,322
13						
14	Total Zone 1 to 2		<u>30,000</u>		<u>317,322</u>	<u>317,322</u>
15						
16	Gas Storage					
17	Production Area:					
18	Demand	61	34,968	2.0334	71,104	71,104
19	Space Charge	61	4,916,148	0.0207	101,764	101,764
20	Market Area:					
21	Demand	61	237,408	1.4938	354,640	354,640
22	Space Charge	61	10,846,308	0.0205	222,349	222,349
23	Total Storage		<u>16,034,832</u>		<u>749,857</u>	<u>749,857</u>
24						
25	Total Tennessee Gas Area FT-G Non-Commodity				<u><u>5,568,615</u></u>	<u><u>5,568,615</u></u>

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)
		Tariff Sheet No.			Purchases	Rate	Total
				Mcf	MMbtu	\$/MMbtu	\$
1	<u>No Notice Service</u>				2,414,242		
2	Indexed Gas Cost					2.9570	7,138,913
3	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	118,298
4	Fuel and Loss Retention @	Section 4.18.1	0.99%			0.0296	71,462
5						3.0356	7,328,673
6							
7	<u>Firm Transportation</u>				1,975,289		
8	Indexed Gas Cost					2.9570	5,840,929
9	Base (Weighted on MDQs)					0.0443	87,505
10	ACA	Section 4.1 - FT				0.0013	2,568
11	Fuel and Loss Retention @	Section 4.18.1	0.99%			0.0296	58,469
12						3.0322	5,989,471
13	<u>No Notice Storage</u>						
14	Net (Injections)/Withdrawals						
15	Withdrawals				2,074,221	2.5590	5,307,932
16	Injections				0	2.9570	0
17	Commodity (Zone 3)	Section 4.4 - NNS				0.0490	101,637
18	Fuel and Loss Retention @	Section 4.18.1	0.99%			0.0296	61,397
19					2,074,221	2.6376	5,470,966
20							
21							
22	Total Purchases in Texas Area				6,463,752	2.9068	18,789,110
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	21.24%	\$0.0399	\$ 0.0085
31	SL to Zone 3	Section 4.1 - FT		37,430,188	64.43%	0.0445	\$ 0.0287
32	1 to Zone 3	Section 4.1 - FT		866,400	1.49%	0.0422	\$ 0.0006
33	SL to Zone 4	Section 4.1 - FT		5,145,769	8.86%	0.0528	\$ 0.0047
34	2 to Zone 4	Section 4.1 - FT		2,309,720	3.98%	0.0446	\$ 0.0018
35	Total			58,092,437	100.0%		\$ 0.0443
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)
			Mcf	MMbtu			\$/MMbtu	\$
1	<u>FT-A and FT-G</u>					468,836		
2	Indexed Gas Cost						2.9570	1,386,349
3	Base Commodity (Weighted on MDQs)						0.0159	7,477
4	ACA	24					0.0013	609
5	Fuel and Loss Retention	32		1.92%			0.0579	27,146
6							<u>3.0321</u>	<u>1,421,581</u>
7								
8	<u>FT-GS</u>					0		
9	Indexed Gas Cost						2.9570	0
10	Base Rate	26					0.8697	0
11	ACA	24					0.0013	0
12	Fuel and Loss Retention	32		1.92%			0.0579	0
13							<u>3.8859</u>	<u>0</u>
14								
15	<u>Gas Storage</u>							
16	FT-A & FT-G Market Area Withdrawals					735,772	2.5590	1,882,841
17	FT-A & FT-G Market Area Injections					0	2.9570	0
18	Withdrawal Rate	61					0.0087	6,401
19	Injection Rate	61					0.0087	0
20	Fuel and Loss Retention	61		1.51%			0.0001	74
21	Total					<u>735,772</u>	<u>2.5678</u>	<u>1,889,316</u>
22								
23								
24								
25	Total Tennessee Gas Zones					<u>1,204,608</u>	<u>2.7485</u>	<u>3,310,897</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	<u>Firm Transportation</u>					
2	Expected Volumes			215,000		
3	Indexed Gas Cost				2.9570	635,755
4	Base Commodity	13			0.0051	1,097
5	ACA	13			0.0013	280
6	Fuel and Loss Retention	13	0.35%		0.0074	1,591
7					<u>2.9708</u>	<u>638,723</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	\$19,635,382			
3	Midwestern	0			
4	Tennessee Gas Pipeline	5,568,615			
5	Trunkline Gas Company	181,494			
6	Total	<u>\$25,385,491</u>			
7					
8		Allocated	Related	<u>Monthly Demand Charge</u>	
9	<u>Demand Cost Allocation:</u>	Factors	Demand	Volumes	Firm Interruptible
10	All	0.1479	\$3,754,514	16,971,263	0.2212 0.2212
11	Firm	0.8521	21,630,977	16,537,040	1.3080
12	Total	<u>1.0000</u>	<u>\$25,385,491</u>		<u>1.5292 0.2212</u>
13					
14			Volumetric Basis for		
15		Annualized	<u>Monthly Demand Charge</u>		
16		Mcf @14.65	All	Firm	
17	<u>Firm Service</u>				
18	Sales:				
19	G-1	16,537,040	16,537,040	16,537,040	1.5292
20					
21	<u>Interruptible Service</u>				
22	Sales:				
23	G-2	434,223	434,223		1.5292 0.2212
24					
25	<u>Transportation Service</u>				
26	T-3 & T-4	29,383,024			
27					
28		<u>46,354,287</u>	<u>16,971,263</u>	<u>16,537,040</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 Texas Gas Area				
2 No Notice Service	2,312,776	2,414,242	3.1688	7,328,673
3 Firm Transportation	1,892,271	1,975,289	3.1652	5,989,471
4 No Notice Storage	1,987,045	2,074,221	2.7533	5,470,966
5 Total Texas Gas Area	6,192,092	6,463,752	3.0344	18,789,110
6				
7 Tennessee Gas Area				
8 FT-A and FT-G	444,034	468,836	3.2015	1,421,581
9 FT-GS	0	0	0.0000	0
10 Gas Storage	0			
11 Injections	0	0	0.0000	0
12 Withdrawals	696,849	735,772	2.7112	1,889,316
13	1,140,883	1,204,608	2.9020	3,310,897
14 Trunkline Gas Area				
15 Firm Transportation	213,505	215,000	2.9916	638,723
16				
17 Company Owned Storage				
18 Withdrawals	1,312,747	1,370,340	2.6376	3,462,502
19 Injections	0		2.6376	0
20 Net WKG Storage	1,312,747	1,370,340	2.6376	3,462,502
21				
22				
23 Local Production	5,257	5,551	2.9570	15,545
24				
25				
26				
27 Total Commodity Purchases	8,864,484	9,259,251	2.9575	26,216,777
28				
29 Lost & Unaccounted for @	-2.21%	(195,905)	(204,629)	
30				
31 Total Deliveries	9,060,389	9,463,880	2.8936	26,216,777
32				
33				
34				
35 Total Expected Commodity Cost	9,060,389	9,463,880	2.8936	26,216,777
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	16,971,263
2	Transportation	<u>0</u>
3	Total Mcf Billed Demand Charges	16,971,263
4	Divided by: Days/Year	<u>365</u>
5	Average Daily Sales and Transport Volumes	<u><u>46,497</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>314,428</u></u> Mcf/Peak Day
10		
11		
12	New Load Factor (line 5 / line 9)	0.1479
13		

Atmos Energy Corporation
Basis for Indexed Gas Cost
For the Quarter ending January - 2019

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 2018 through January 2019 during the period August 30 through September 12, 2018.

		Nov-18 (\$/MMBTU)	Dec-18 (\$/MMBTU)	Jan-19 (\$/MMBTU)
Thursday	08/30/18	2.901	2.988	3.074
Friday	08/31/18	2.939	3.029	3.114
Monday	09/03/18	2.939	3.029	3.114
Tuesday	09/04/18	2.842	2.937	3.027
Wednesday	09/05/18	2.813	2.907	2.995
Thursday	09/06/18	2.791	2.885	2.974
Friday	09/07/18	2.790	2.878	2.965
Monday	09/10/18	2.808	2.895	2.982
Tuesday	09/11/18	2.827	2.913	3.000
Wednesday	09/12/18	2.820	2.910	3.001
Average		<u>\$2.847</u>	<u>\$2.937</u>	<u>\$3.025</u>

- B. The Company believes prices are increasing and prices for the quarter ending January 31, 2019 will settle at \$2.957 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 - 2019

	November-18			December-18			January-19			Total		
	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>	<u>Volumes</u>	<u>Rate</u>	<u>Value</u>
Texas Gas												
Trunkline												
Tennessee Gas												
TX Gas Storage												
TN Gas Storage												
WKG Storage												
Midwestern												

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

WACOGs

Line No.	(a) Month	(b) Actual Purchased Volume (Mcf)	(c) Recoverable Gas Cost	(d) Actual GCA Recovered Gas Cost	(e) Under (Over) Recovery Amount	(f) Adjustments	(g) Total
1	May-18	503,172	\$3,054,463.42	\$3,949,720.08	(\$895,256.66)	\$0.00	(\$895,256.66)
2							
3	June-18	654,512	\$2,459,005.40	\$1,603,250.89	\$855,754.51	\$0.00	\$855,754.51
4							
5	July-18	373,549	\$2,905,076.38	\$1,699,082.03	\$1,205,994.35	\$0.00	\$1,205,994.35
6							
7	Total Gas Cost						
8	Under/(Over) Recovery		<u>\$8,418,545.20</u>	<u>\$7,252,053.01</u>	<u>\$1,166,492.20</u>	<u>\$0.00</u>	<u>\$1,166,492.20</u>
9							
10	PBR Savings reflected in Gas Costs		<u>\$1,068,795.71</u>				
11							
12	<u>Correction Factor - Part 1</u>						
13	(Over)/Under Recovered Gas Cost through April 2018 (May 2018 GL)					(5,777,554.12)	
14	Total Gas Cost Under/(Over) Recovery for the three months ended July 2018					1,166,492.20	
15	Recovery from outstanding Correction Factor (CF)					(752,440.97)	
16	Over-Refunded Amount of Pipeline Refunds					0.00	
17	Prior Net Uncollectable Gas Cost as of November, 2016					0.00	
18	(Over)/Under Recovered Gas Cost through July 2018 (August 2018 GL) (a)					<u>(\$5,363,502.90)</u>	
19	Divided By: Total Expected Customer Sales (b)					16,971,263	Mcf
20							
21	Correction Factor - Part 1					<u>(\$0.3160)</u>	/ Mcf
22							
23	<u>Correction Factor - Part 2</u>						
24	Net Uncollectible Gas Cost through November 2017 (c)					528,382.51	
25	Divided By: Total Expected Customer Sales (b)					16,971,263	
26							
27	Correction Factor - Part 2					<u>\$0.0311</u>	/ Mcf
28							
29	<u>Correction Factor - Total (CF)</u>						
30	Total Deferred Balance through July 2018 (August 2018 GL) incl. Net Uncol Gas Cost					<u>(\$4,835,120.39)</u>	
31	Divided By: Total Expected Customer Sales (b)					16,971,263	
32							
33	Correction Factor - Total (CF)					<u>(\$0.2849)</u>	/ Mcf
34							

Atmos Energy Corporation
 Recoverable Gas Cost Calculation
 For the Three Months Ended July 2018
 2018-00000

Line No.	Description	GL Unit	June-18	July-18	August-18
			(a)	(b)	(c)
			May-18	Month June-18	July-18
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	1,821,936	1,851,295	1,728,891
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	0
14	Injections	Mcf	(774,027)	(729,827)	(748,180)
15	Producers	Mcf	1,935	1,741	1,875
16	Third Party Reimbursements	Mcf	0	(85)	(169)
17	Pipeline Imbalances cashed out	Mcf			
18	System Imbalances ²	Mcf	(546,672)	(468,612)	(608,868)
19	Total Supply	Mcf	503,172	654,512	373,549
20					
21	Change in Unbilled	Mcf			
22	Company Use	Mcf	0	0	0
23	Unaccounted For	Mcf	0	0	0
24	Total Purchases	Mcf	503,172	654,512	373,549

¹ Includes settlement of historical imbalances and prepaid items.

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

Atmos Energy Corporation
Recoverable Gas Cost Calculation
For the Three Months Ended July 2018
2018-00000

Exhibit D
Page 3 of 6

Line No.	Description	GL Unit	June-18	July-18	August-18
			(a)	(b)	(c)
			Month		
			May-18	June-18	July-18
1	Supply Cost				
2	Pipelines:				
3	Texas Gas Transmission ¹	\$	1,231,777	1,209,757	1,250,082
4	Tennessee Gas Pipeline ¹	\$	262,531	246,833	245,890
5	Trunkline Gas Company ¹	\$	6,871	6,653	6,874
6	Twin Eagle Resource Management	\$	0	0	0
7	Midwestern Pipeline ¹	\$	0	0	0
8	Total Pipeline Supply	\$	1,501,179	1,463,243	1,502,846
9	Total Other Suppliers	\$	4,916,247	4,329,915	4,898,354
10	Hedging Settlements	\$	0	0	0
11	Off System Storage				
12	Texas Gas Transmission	\$			
13	Tennessee Gas Pipeline	\$			
14	WKG Storage	\$	161,659	161,659	161,659
15	System Storage				
16	Withdrawals	\$	0	0	0
17	Injections	\$	(2,081,697)	(1,995,069)	(2,158,257)
18	Producers	\$	5,323	4,940	5,341
19	Third Party Reimbursements	\$	0	(694)	(889)
20	Pipeline Imbalances cashed out	\$			
21	System Imbalances ²	\$	(1,448,247)	(1,504,990)	(1,503,978)
22	Sub-Total	\$	3,054,463	2,459,005	2,905,076
23	Pipeline Refund + Interest				
24	Change in Unbilled	\$			
25	Company Use	\$			
26	Recovered thru Transportation	\$			
27	Total Recoverable Gas Cost	\$	<u>3,054,463.42</u>	<u>2,459,005.40</u>	<u>2,905,076.38</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.

Atmos Energy Corporation
 Recovery from Correction Factors (CF)
 For the Three Months Ended July 2018
 2018-00000

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-18	G-1 Sales	817,802.307	\$0.4957	\$405,384.60	\$0.0000	\$0.00	\$0.1852	\$151,456.99	\$4.6277	\$3,784,543.73	\$4,341,385.32	
2		G-2 Sales	11,022.415	\$0.4957	5,463.81	\$0.0000	0.00	\$0.1852	2,041.35	\$3.3195	36,588.91	\$44,094.07	
6		Sub Total	828,824.722		\$410,848.41		\$0.00		\$153,498.34		\$3,821,132.64	\$4,385,479.39	
7		Timing: Cycle Billing and PPA's	0.000		(284.35)		0.00		5,677.26		128,587.44	\$133,980.36	
8		Total	828,824.722		\$410,564.06		\$0.00		\$159,175.60		\$3,949,720.08	\$4,519,459.75	\$4,360,284.14
11	June-18	G-1 Sales	321,648.555	\$0.4957	\$159,441.19	\$0.0000	\$0.00	\$0.1852	\$59,569.31	\$4.6277	\$1,488,493.02	\$1,707,503.52	
12		G-2 Sales	7,230.984	\$0.4957	3,584.40	\$0.0000	0.00	\$0.1852	1,339.18	\$3.3195	24,003.25	\$28,926.83	
16		Sub Total	328,879.539		\$163,025.59		\$0.00		\$60,908.49		\$1,512,496.27	\$1,736,430.35	
17		Timing: Cycle Billing and PPA's	0.000		(1,548.65)		0.00		3,931.88		90,754.62	\$93,137.85	
18		Total	328,879.539		\$161,476.94		\$0.00		\$64,840.37		\$1,603,250.89	\$1,829,568.20	\$1,764,727.83
21	July-18	G-1 Sales	356,261.724	\$0.4957	\$176,598.94	\$0.0000	\$0.00	\$0.1852	\$65,979.67	\$4.6277	\$1,648,672.38	\$1,891,250.99	
22		G-2 Sales	7,795.403	\$0.4957	3,864.18	\$0.0000	0.00	\$0.1852	1,443.71	\$3.3195	25,876.84	\$31,184.73	
26		Sub Total	364,057.127		\$180,463.12		\$0.00		\$67,423.38		\$1,674,549.22	\$1,922,435.72	
27		Timing: Cycle Billing and PPA's	0.000		(63.15)		0.00		1,216.74		24,532.81	\$25,686.40	
28		Total	364,057.127		\$180,399.97		\$0.00		\$68,640.12		\$1,699,082.03	\$1,948,122.12	\$1,879,482.00
31	Total Recovery from Correction Factor (CF)					\$752,440.97							
32	Total Amount Refunded through the Refund Factor (RF)						\$0.00						
33	Total Recovery from Performance Based Rate Recovery Factor (PBRRF)								\$292,656.09				
34	Total Recoveries from Expected Gas Cost (EGC) Factor									\$7,252,053.01			
35	Total Recoveries from Gas Cost Adjustment Factor (GCA)											\$8,297,150.06	
37													\$8,004,493.98

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, 2018		June, 2018		July, 2018	
	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	1,583,295	\$4,216,240.84	1,641,709	\$3,707,719.36	1,501,243	\$4,234,162.43
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	238,973	\$701,158.64	211,358	\$627,769.84	227,661	\$664,407.17
27						
28						
29 Trunkline Gas Company						
30 Atmos Energy Marketing, LLC						
31 Engage						
32 Prepaid						
33 Reservation						
34 Fuel Adjustment						
35						
36 Total	9	\$25.44	49	\$141.61	(13)	(\$34.97)
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	(341)	(\$996.33)	(1,821)	(\$5,545.08)	0	\$0.00
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	(\$181.36)	0	(\$170.57)	0	(\$180.57)
59						
60						
61 All Zones						
62 Total	1,821,936	\$4,916,247.23	1,851,295	\$4,329,915.16	1,728,891	\$4,898,354.06
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, 2017

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-16	(\$71,461.94)	(\$113,714.62)	(\$6,441.17)	(\$191,617.73)	\$16,337.34	\$18,571.40	\$55,124.60	\$55,124.60
2	Jan-17	(\$24,612.80)	(\$73,726.83)	(\$3,217.64)	(\$101,557.27)	\$8,481.09	\$8,366.24	\$16,131.71	\$71,256.31
3	Feb-17	\$4,735.63	(\$22,578.05)	(\$2,361.71)	(\$20,204.13)	\$9,807.69	\$11,019.78	(\$14,543.32)	\$56,712.99
4	Mar-17	(\$6,174.88)	(\$42,912.97)	(\$1,383.25)	(\$50,471.10)	\$10,989.12	\$10,716.24	(\$4,814.24)	\$51,898.75
5	Apr-17	(\$8,954.38)	(\$38,313.33)	(\$1,481.31)	(\$48,749.02)	\$5,209.20	\$4,225.92	\$3,745.18	\$55,643.93
6	May-17	(\$19,083.71)	(\$43,180.44)	(\$290.74)	(\$62,554.89)	\$3,042.36	\$5,403.56	\$16,041.35	\$71,685.28
7	Jun-17	(\$31,134.24)	(\$55,295.62)	(\$3,003.38)	(\$89,433.24)	\$5,910.18	\$7,065.71	\$25,224.06	\$96,909.34
8	Jul-17	(\$41,563.47)	(\$90,787.54)	(\$3,830.25)	(\$136,181.26)	\$4,094.15	\$4,603.11	\$37,469.32	\$134,378.66
9	Aug-17	(\$73,895.47)	(\$115,109.13)	(\$7,040.66)	(\$196,045.26)	\$6,380.26	\$5,782.72	\$67,515.21	\$201,893.87
10	Sep-17	(\$298,777.81)	(\$514,370.29)	(\$30,131.42)	(\$843,279.52)	\$7,501.23	\$14,285.51	\$291,276.58	\$493,170.45
11	Oct-17	(\$60,014.97)	(\$94,528.62)	(\$5,868.38)	(\$160,411.97)	\$21,745.54	\$34,499.74	\$38,269.43	\$531,439.88
12	Nov-17	(\$20,993.08)	(\$65,859.17)	(\$2,872.85)	(\$89,725.10)	\$24,050.45	\$30,959.37	(\$3,057.37)	\$528,382.51