BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE

IN RE:

PETITION OF ATMOS ENERGY CORPORATION	)
FOR APPROVAL OF ITS 2019 ANNUAL RATE	) **DOCKET NO. 19-00018**
REVIEW FILING PURSUANT TO TENN.	)
CODE ANN. § 65-5-103(d)(6)	)

REBUTTAL TESTIMONY OF MARK A. MARTIN ON BEHALF OF ATMOS ENERGY CORPORATION

I. INTRODUCTION OF WITNESS

Q. PLEASE STATE YOUR NAME, POSITION AND BUSINESS ADDRESS.

A. My name is Mark A. Martin. I am Vice President - Rates and Regulatory Affairs for the Kentucky/Mid-States Division of Atmos Energy Corporation ("Atmos Energy" or the "Company"). My business address is 3275 Highland Pointe Drive, Owensboro, Kentucky, 42303.

Q. PLEASE BRIEFLY DESCRIBE YOUR CURRENT RESPONSIBILITIES, AND PROFESSIONAL AND EDUCATIONAL BACKGROUND.

A. I am responsible for Rates and Regulatory Affairs matters in Tennessee. I graduated from Eastern Illinois University in 1995 with a degree in Accounting. I have worked for United Cities Gas Company and subsequently Atmos Energy Corporation since September 1995. I served in a variety of positions of increasing responsibility in both Gas Supply and Rates prior to assuming my current responsibility in 2007.

Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN THE TPUC OR IN ANY OTHER JURISDICTION?

A. Yes, I have filed testimony before the Kentucky Public Service Commission, the Georgia Public Service Commission, the Illinois Commerce Commission, the Missouri Public Service Commission, the South Carolina Public Service Commission, and the Virginia State Corporation Commission.

Q. HAVE YOU SUBMITTED DIRECT TESTIMONY IN THIS PROCEEDING?

A. No.

Q. HAVE YOU REVIEWED THE TESTIMONY OF THE CONSUMER ADVOCATE'S WITNESS DAVID DITTEMORE?

A. Yes.

II. PURPOSE AND SUMMARY OF REBUTTAL TESTIMONY

Q. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?

A. The purpose of my rebuttal testimony is to confirm Mr. Dittemore's recommendation that the appropriate revenue requirement to put in place in TPUC Docket No. 19-00018 is an increase in rates of $27,196 with one small modification discussed below. Mr. Dittemore also raised two issues, with no corresponding proposed adjustments to the revenue requirement, which I will address. These issues relate to the state tax rate used to calculate accumulated deferred income taxes (ADIT) and the Company's methodology for calculating the net operating loss carryforward (NOLC) in this filing.

Q. DO YOU HAVE ANY EXHIBITS ATTACHED TO YOUR TESTIMONY?

A. Yes. Exhibit MAM-R-1 is the Company's revenue requirement model, updated to account for the settlement approved in TPUC Docket No. 18-00097.

Q. ARE YOU FAMILIAR WITH THIS EXHIBIT AND HOW IT WAS PREPARED?

A. Yes.

III. REVENUE REQUIREMENT

Q. WHY ARE YOU PROPOSING AN ADJUSTMENT TO THE REVENUE REQUIREMENT REQUESTED BY THE COMPANY IN THIS DOCKET?

A. As stated in Mr. Dittemore's testimony, the ARM mechanism requires an annual true-up to the approved forward-looking forecast, with the true-up (referred to in Atmos Energy's tariff as the Annual Reconciliation Revenue Requirement) then added to the revenue requirement in the subsequent forward-looking docket, with interest. On April 15, 2019 the Commission approved a Stipulation and Settlement Agreement filed by the Company and the Consumer Advocate in Docket No. 18-00097, approving an Annual Reconciliation Revenue Requirement. As a result, in accordance with Atmos Energy's approved ARM Tariff, the revenue requirement in this docket has been updated to reflect the amount approved in Docket No. 18-00097.

Q. WHAT AMOUNT WAS APPROVED IN DOCKET NO. 18-00097?

A. The amount approved in TPUC Docket No. 18-00097 was ($4,053,984), a reduction in the revenue requirement.

Q. WHAT IS THE RESULTING ADJUSTMENT TO THE REVENUE REQUIREMENT IN THIS DOCKET?

A. The final approved true-up amount of ($4,053,984) was not yet known when the Company filed this docket. It differs from the amount included in the Company's original filing in this docket by $834,159. The resulting additional $834,159 revenue reduction is reflected in the updated revenue requirement model attached to my testimony. In addition, because the Company forecasts bad debt expense for the forward looking test year based on forecasted revenues including any proposed increase or decrease, the reduction in the reconciliation revenue requirement has a small "flow-through" impact on bad debt expense. The resulting overall rate impact for this docket is an increase in rates of $23,824. This is $3,372 less than the number cited in Mr. Dittemore's testimony, which did not calculate the flow-through impact on bad debt expense. The proposed rates calculated on Schedule 11-3 reflect the increase of $23,824.

IV. <u>STATE DEFERRED TAXES</u>

Q. WHAT DOES MR. DITTEMORE PROPOSE WITH REGARD TO STATE DEFERRED TAXES?

A. Mr. Dittemore asserts that the Company should use the same state tax rate to calculate deferred taxes that comprise the ADIT Balance as the rate that it uses to calculate Income Tax Expense[1]. He points out that within the current filing, the Company has used the Tennessee state excise tax rate of 6.5% to calculate Income Tax Expense and a composite state rate to calculate ADIT[2].

Q. DO YOU AGREE WITH MR. DITTEMORE'S ASSERTION?

A. Yes. The Company agrees that the statutory Tennessee state excise tax rate of 6.5% should be used to calculate both Income Tax Expense and ADIT.

Q. IF YOU AGREE, WHY DID THE COMPANY USE THE COMPOSITE STATE RATE TO CALCULATE ADIT IN THIS FILING?

A. The Company has historically calculated and recorded all state deferred income taxes using a composite state rate for financial statement purposes. This methodology aligned the manner in which the Company is taxed by the states it operates in with the accounting on the general ledger. ADIT included in regulatory filings, such as this docket, ties to the Company's financial statements.

As the Company participated in settlement discussions with the Consumer Advocate in Docket No. 18-00097 it began to consider, and ultimately agreed, that it would be more appropriate to include ADIT calculated using the Tennessee statutory excise tax rate in future ARM filings. As part of the settlement agreement, the Company agreed to an adjustment reflecting this change. Likewise, the Company recorded an adjustment to Tennessee ADIT on its books in December 2018 to reflect ADIT using the state statutory rate. This issue was being discussed and considered at the time the Company filed in this docket but the Company had

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[1] TPUC Docket No. 19-00018 Dittemore Direct at page 5 lines 7-12
[2] TPUC Docket No. 19-00018 Dittemore Direct at page 4 lines 6-13

not yet had time to fully evaluate the change. Therefore, in this filing the Company included ADIT using the composite state rate that was reflected on its books and records as of the historic base period ending September 30, 2018.

Q. WHY HAS NEITHER MR. DITTEMORE NOR THE COMPANY PROPOSED AND ADJUSTMENT TO THE REVENUE REQUIREMENT FOR THIS ITEM?

A. The Company's ARM mechanism requires a true-up of actual results to the forward looking forecast, as discussed above. When the true-up filing is made, it will include ADIT calculated and recorded on the Company's books using the Tennessee statutory excise tax rate. Therefore, no adjustment to the revenue requirement in this docket is necessary. As Mr. Dittemore has noted, the discrepancy he has raised will be fully resolved through the true-up mechanism.

V. NET OPERATING LOSS CARRYFORWARD CALCULATION

Q. WHAT DOES MR. DITTEMORE PROPOSE WITH REGARD TO THE NOLC CALCULATION?

A. Mr. Dittemore does not propose any adjustment relating to the NOLC calculation, but rather continues to express concern about the Company's calculation of the NOLC ADIT asset. Despite the Company's consistent use of the same methodology in all filings approved in Tennessee, Mr. Dittemore continues to take issue with the Company's approach. Specifically, in this docket, Mr. Dittemore expresses concern with the Company's calculation of the forecasted NOLC activity. He does not propose an adjustment because this forecast is trued-up in the Company's reconciliation filing.[3] Like the tax rate issue discussed above, Mr. Dittemore agrees that any financial impact of the issue is fully resolved through the true-up mechanism.

Q. HOW DOES THE COMPANY FORECAST NOLC ACTIVITY IN ARM FORWARD-LOOKING FILINGS?

A. Since the Company is in a NOLC position, it is not currently paying tax to the federal government. Therefore, any current taxable income or losses generated will either increase or decrease the Company's NOLC ADIT asset. For this reason and in this filing, the Tax Expense Calculation equals deferred taxes since no current tax expense is being generated. The forecasted NOLC activity is simply the difference between tax expense calculated and deferred taxes generated in the current revenue requirement model. If deferred taxes generated are greater than total tax expense, additional NOLC asset is forecast. If deferred taxes generated are less than total tax expense, a reduction (utilization) of the NOLC ADIT asset is forecast. This methodology for forecasting NOLC ADIT activity is a reasonable approach and is consistent with the methodology used in prior filings approved by this Commission. In addition, as Mr. Dittemore states in his testimony, the Company believes that forecasting the NOLC ADIT activity is necessary to comply with the normalization provisions of the Internal Revenue Code.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes.

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[3] TPUC Docket No. 19-00018 Dittemore Direct at page 8 lines 14-19

BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION

NASHVILLE, TENNESSEE

IN RE:

ATMOS ENERGY CORPORATION	)	
ANNUAL RECONCILIATION	)	**Docket No. 19-00018**
OF ANNUAL REVIEW MECHANISM	)	

VERIFICATION

STATE OF KENTUCKY)

COUNTY OF DAVIESS)

I, Mark A. Martin, being first duly sworn, state that I am Vice President Rates & Regulatory Affairs for the Kentucky/Mid-States Division of Atmos Energy Corporation, that I am authorized to testify on behalf of Atmos Energy Corporation in the above referenced docket, that the Rebuttal Testimony of Mark A. Martin in support of Atmos Energy Corporation's filing is true and correct to the best of my knowledge, information and belief.

Mark A. Martin

Mark A. Martin

Sworn and subscribed before me this 29th day of April, 2019.

Joanne M. Henderson

Notary Public

My Commission Expires:

Joanne M. Henderson
NOTARY PUBLIC
State at Large, Kentucky
ID # 596005
My Commission Expires 3/22/2022

Schedule 1

Tennessee Distribution System
Cost of Service
Twelve Months Ended May 31, 2020

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Cost of Gas	Schedule 3	$72,738,113
2			
3	Operation & Maintenance Expense	Schedule 4	22,179,515
4			
5	Taxes Other Than Income Taxes	Schedule 5	8,645,628
6			
7	Depreciation & Amortization Expense	Schedule 6	14,833,025
8			
9	Return	Schedule 7	30,307,883
10			
11	Federal Income and State Excise Tax	Schedule 8	7,784,645
12			
13	AFUDC	Wp 1-2	(240,693)
14			
15	Interest on Customer Deposits	Wp 1-1	67,879
16			
17	Total Cost of Service		$ 156,315,994
18			
19			
20	Revenue at Present Rates	Schedule 2	$ 151,201,596
21			
22	Net Revenue Deficiency		$ 5,114,398
23	Amortization of Deferred Tax Regulatory Liability	WP 7-9	$ (1,036,590)
24	ARM Reconciliation Amount, Docket No. 18-00097		$ (4,053,984)
25			
26	Total Revenue Deficiency		$ 23,824
27			

WP 1-1

Tennessee Distribution System
Interest on Customer Deposits
Twelve Months Ended May 31, 2020

Line No.	Description		Amount
	(a)		(b)
1	Average Customer Deposit Balance	$	1,368,537
2			
3	Interest Rate on Customer Deposits		4.96%
4			
5	Adjusted Customer Deposit Interest	$	67,879

WP 1-2

Tennessee Distribution System
Allowance for Funds Used During Construction
Twelve Months Ended May 31, 2020

Line No.	Description	Amount
	(a)	(b)
1	Base Period AFUDC per books - Div 093 (1)	$ (325,856)
2		
3	Less State Excise Tax Effect	(21,181)
4		
5		$ (304,675)
6		
7	Less Federal Tax Effect	(63,982)
8		
9	Net AFUDC - Base Period	$ (240,693)
10		
11	Change from Base Period to Attrition Year	-
12		
13	Projected Attrition Year Net AFUDC	$ (240,693)
14		
15	Note:	
16	1. Twelve months ended September 30, 2018 - Account 432	

Schedule 2

Tennessee Distribution System
Summary of Revenue at Present Rates
Twelve Months Ended May 31, 2020

Line	Description		Amount
	(a)	(b)	(c)
1	Base period per books revenue (1)		$ 150,895,047
2			
3	Change from Base Period to Attrition Year		306,549
4			
5	Projected Attrition Year Revenue:		
6	Margin at proposed WNA	$ 78,463,483	
7	Gas cost	72,738,113	
8	Total		$ 151,201,596
9			
10	Note:		
11	1. Twelve months ended September 30, 2018		

Schedule 3

Tennessee Distribution System
Cost of Gas
Twelve Months Ended May 31, 2020

Line No.	Description		Amount
	(a)		(b)
1	Base period per books cost of gas (1)	$	73,997,359
2			
3	Adjustments		
4	Net Elimination of Intercompany Leased Storage Property		(1,259,246)
5			
6	Total Adjusted Gas Cost	$	72,738,113
7			
8	Change from Base Period to Attrition Year		-
9			
10	Projected Attrition Year Gas Cost	$	72,738,113
11			
12	Note:		
13	1. Twelve months ended September 30, 2018		

WP 3-1

Tennessee Distribution System
ELIMINATION OF LEASED PROPERTY-RENT
Twelve Months Ended May 31, 2020

Line No.	Description (a)	Building Rent O&M (b)	Storage Expense O&M	Leased Property Depreciation	Storage Expense Other Taxes	Storage Rent Gas Cost (c)
1	October-17	$ -	$ 23,825	$ 17,370	$ 2,317	$ (86,646)
2	November-17	-	23,288	17,371	2,317	(86,646)
3	December-17	-	19,684	17,371	2,317	(126,554)
4	January-18	-	32,524	17,371	2,417	(106,600)
5	February-18	-	31,625	17,370	14,205	(106,600)
6	March-18	-	27,550	17,370	2,417	(106,600)
7	April-18	-	29,146	17,371	2,417	(106,600)
8	May-18	-	49,746	17,371	18,371	(106,600)
9	June-18	-	25,889	17,370	2,417	(106,600)
10	July-18	-	18,382	17,371	2,417	(106,600)
11	August-18	-	33,889	17,371	2,417	(106,600)
12	September-18	-	51,747	17,370	2,417	(106,600)
13						
14	Total Per Books	$ -	$ 367,295	$ 208,446	$ 56,446	$ (1,259,246)

Schedule 4

Tennessee Distribution System
Operation and Maintenance Expenses
Twelve Months Ended May 31, 2020

Line No.	Description		Amount
	(b)		(c)
1	Base period per books O&M Expense (1)	$	21,528,183
2			
3	Change from Base Period to Attrition Year		284,038
4			
5	Attrition Year O&M Expenses - Before Eliminations	$	21,812,220
6			
7	Adjustments to O&M		
8	Elimination of Intercompany Leased Property - Rent	$	-
9	Inclusion of Barnsley Storage Operating Expense	$	367,295
10			
11	Total Adjustments	$	367,295
12			
13	Total Adjusted Operation and Maintenance Expenses	$	22,179,515
14			
15	Note:		
16	1. Twelve months ended September 30, 2018		

Tennessee Distribution System
Operation and Maintenance Expenses
Twelve Months Ended May 31, 2020

Line		Tennessee			SSU			General Office			Total		
No.		Historic Base	Attrition	Difference	Historic Base	Attrition	Difference	Historic Base	Attrition	Difference	Historic Base	Attrition	Difference
1	**Labor**	$ 3,435,291	$ 3,387,386	$ (47,906)	$ 3,203,771	$ 3,608,880	$ 405,109	$ 1,117,495	$ 1,028,606	$ (88,889)	$ 7,756,558	$ 8,024,872	$ 268,314
2	**Benefits**	1,068,244	1,195,381	127,137	1,034,102	1,163,830	129,728	256,112	448,976	192,865	2,358,457	2,808,187	449,730
3	**Employee Welfare**	32,080	37,399	5,319	1,746,525	1,370,309	(376,216)	618,110	486,784	(131,326)	2,396,715	1,894,492	(502,223)
4	**Insurance**	187,879	8,378	(179,500)	1,051,261	851,019	(200,242)	26,391	173,008	146,617	1,265,531	1,032,405	(233,126)
5	**Rent, Maint., & Utilities**	435,566	364,100	(71,466)	350,511	371,789	21,278	137,353	125,291	(12,062)	923,430	861,180	(62,250)
6	**Vehicles & Equip**	517,577	608,529	90,952	2,562	4,133	1,571	20,243	39,755	19,512	540,383	652,418	112,035
7	**Materials & Supplies**	359,413	351,642	(7,771)	48,817	47,217	(1,600)	73,061	78,835	5,775	481,291	477,694	(3,597)
8	**Information Technologies**	7,882	-	(7,882)	1,024,324	1,063,637	39,313	30,565	74,629	44,064	1,062,771	1,138,266	75,495
9	**Telecom**	275,383	232,043	(43,340)	102,912	108,731	5,819	118,819	216,717	97,898	497,115	557,491	60,376
10	**Marketing**	97,277	76,009	(21,268)	12,514	11,623	(891)	132,215	160,258	28,044	242,006	247,891	5,885
11	**Directors & Shareholders &PR**	-	-	-	310,069	295,449	(14,620)	-	-	-	310,069	295,449	(14,620)
12	**Dues & Donations**	110,683	53,342	(57,341)	24,905	29,620	4,714	5,848	66,832	60,984	141,437	149,794	8,357
13	**Print & Postages**	10,440	11,375	935	8,416	11,293	2,877	5,645	6,484	838	24,501	29,151	4,650
14	**Travel & Entertainment**	383,184	301,680	(81,504)	133,209	163,548	30,339	212,398	262,003	49,605	728,790	727,231	(1,559)
15	**Training**	27,958	8,170	(19,788)	61,109	58,405	(2,704)	24,428	40,791	16,363	113,495	107,366	(6,129)
16	**Outside Services**	4,283,162	4,448,981	165,819	843,560	692,764	(150,796)	578,522	1,700,231	1,121,709	5,705,244	6,841,976	1,136,732
17	**Provision for Bad Debt**	446,414	310,436	(135,979)	-	-	-	-	-	-	446,414	310,436	(135,979)
18	**Miscellaneous**	(66,208)	17,993	84,201	(3,308,921)	(2,931,726)	377,194	(90,897)	7,271	98,168	(3,466,025)	(2,906,463)	559,563
19	**Total O&M Expenses**	$ 11,612,227	$ 11,412,845	$ (199,382)	$ 6,649,647	$ 6,920,519	$ 270,872	$ 3,266,308	$ 4,916,472	$ 1,650,163	$ 21,528,183	$ 23,249,837	$ 1,721,654
20													
21	**Disallowed Items**												
22	Other (Sub 05416 and 05412)		(4,012)			(2,375)			(554)			(6,941)	(6,941)
23	Incentive Comp (MFR 38)		0			(613,534)			(429,641)			(1,043,175)	(1,043,175)
24	Benefits (FAS 87 Accrual)		(183,386)			(150,277)			(53,837)			(387,501)	(387,501)
25													
26	**Rate Case Expense**		-	-							-	-	-
27													
28	**Pension Benchmark**		-	-							-	-	-
29													
30	**Total O&M**	$ 11,612,227	$ 11,225,447	$ (199,382)	$ 6,649,647	$ 6,154,333	$ 270,872	$ 3,266,308	$ 4,432,440	$ 1,650,163	$ 21,528,183	$ 21,812,220	$ 284,038

WP 4-2

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2020

Division 093			
Line No.	FERC Account	Historic Base Period	Attrition Year
1	7350	639	534
2	8560	4,514	4,684
3	8630	-	-
4	8650	-	-
5	8700	1,773,673	1,684,361
6	8710	280	243
7	8711	28,620	27,241
8	8740	4,049,482	4,199,972
9	8750	498,979	488,817
10	8760	6,912	(1,466)
11	8770	23,185	24,083
12	8780	612,818	601,098
13	8800	44,497	41,413
14	8810	306,441	258,644
15	8860	7,965	6,658
16	8870	43,270	44,559
17	8890	112,484	116,569
18	8900	33	32
17	8910	139	137
18	8920	(23,550)	34,338
19	8930	24,447	24,025
20	8940	150	150
21	9010	-	-
22	9020	516,727	499,675
23	9030	1,019,594	1,035,390
24	9040	446,414	297,673
25	9090	8,836	6,913
	9100	33	(9)
26	9110	231,117	213,938
27	9120	72,810	55,459
28	9130	16,335	12,764
29	9200	113,245	111,666
30	9210	13,817	10,031
31	9220	9,915,955	11,836,991
32	9230	292,021	303,326
33	9240	142,925	6,374
34	9250	55,036	40,156
35	9260	1,080,222	1,209,334
36	9280	7,142	(1,941)
37	9302	70,151	34,197
38	9310	10,821	9,045
41	Total	21,528,182	23,237,074

WP 4-2

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2020

		Division 091	
Line No.	FERC Account	Historic Base Period	Attrition Year
	8160	62	
42	8170	632	171
43	8180	604	1,196
44	8190	9,289	-
45	8210	2,666	389
46	8240	11	
47	8250	15,053	3,183
48	8500	-	-
49	8560	924	1,538
50	8570	1,167	342
51	8650	685	-
52	8700	3,039,160	3,295,743
53	8711	78,873	-
54	8740	83,670	95,763
55	8750	140,495	118,072
56	8760	4,779	40,477
57	8770	15,644	-
58	8780	82	
59	8800	173	3,943
60	8810	285,112	294,202
61	9010	26,310	31,736
62	9020	-	-
63	9030	1,898,984	4,775,288
64	9100	1,065	37,530
65	9110	167,594	489,137
66	9120	3,211	-
67	9130	8,049	-
68	9200	(221,731)	18,075
69	9210	(28,759)	15,040
70	9220	(7,793,626)	(12,112,520)
71	9230	150,245	24,250
72	9240	(13,957)	68,134
73	9250	149,031	51,016
74	9260	1,961,892	2,634,685
75	9280	441	
76	9302	12,168	-
77	Total	0	0

WP 4-2

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2020

Division 002			
Line No.	FERC Account	Historic Base Period	Attrition Year
79	8210	518	778
80	8560	6,983	7,791
81	8700	191,887	264,588
82	8740	35,724	70,532
83	8800	503	756
84	8850	24,681,135	44,304,436
85	9010	2,129	3,202
86	9030	94,169	105,249
87	9100	8,714	9,834
88	9120	9,121	10,231
89	9160	1,600	2,407
90	9200	(16,675,832)	(62,248,842)
91	9210	25,661,779	35,751,417
	9220	(100,972,680)	(113,459,625)
	9230	12,276,988	12,236,526
	9240	132,862	127,962
	9250	21,271,133	20,513,745
92	9260	49,239,180	48,325,830
93	9302	6,550,588	7,394,673
94	9310	5,135,924	6,009,952
95	9320	443,726	568,556
100	Total	28,096,148	0

WP 4-2

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2020

Division 012			
Line No.	FERC Account	Historic Base Period	Attrition Year
101	8700	7,373	5,931
102	8740	21,894	21,092
103	8800	37	42
104	9010	4,099,938	4,891,584
105	9020	511	535
106	9030	18,637,064	22,745,191
107	9200	4,169,989	5,102,197
108	9210	7,876,706	2,105,040
109	9220	(46,283,154)	(47,518,862)
110	9230	1,020,034	552,697
111	9240	94,152	-
112	9250	114	-
113	9260	8,765,790	10,527,143
114	9310	1,578,608	1,567,221
115	9320	10,944	186
116	Total	0	0

WP 4-3

Atmos Energy Corp - Tennessee Distribution System
Attrition Year Period Bad Debt Calculation
Twelve Months Ended May 31, 2020

Line No.	Description	Number of Bills	Volumes Mcf	Adjustments to Bills	Adjustments to Volumes	Total Bills	Total Volumes	Proposed Customer Charge	Proposed Commodity Charge	Revenue @ Proposed Rates	Bad Debt Percentage	Total Bad Debt
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1	210 Residential Gas Service (Summer)	640,540	981,088	24,794	37,976	665,334	1,019,063	16.65	1.292	12,394,915	0.5%	$ 61,975
2	210 Residential Gas Service (Winter) (weather sensitive)	894,302	7,072,219	34,616	273,749	928,918	7,345,968	18.65	1.292	26,818,756	0.5%	$ 134,094
3	210 Residential Gas Service Senior Citizen (Summer)	488	443	19	17	507	460	0.00	1.292	594	0.5%	$ 3
4	210 Residential Gas Service Senior Citizen (Winter) (weather sensitive)	691	5,015	27	194	718	5,209	0.00	1.292	6,732	0.5%	$ 34
5												
6	211 Residential/Sm. Commericial/Industrial Heating & Cooling Service	27	416	1	16	28	432	15.75	0.789	782	0.5%	$ 4
7												
8	220 Commercial Gas Service (weather sensitive)	199,204	5,518,454	4,064	112,584	203,268	5,631,038	39.00	2.608	22,614,386	0.5%	$ 113,072
9												
10	221 Experimental School Gas Service	36	25,180	1	514	37	25,694	39.00	1.267	33,999	0.5%	$ 170
11												
12	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	0	0	0	0	0.00	1.292	0	0.5%	$ -
13	225 Public Authority Gas Service (Sr. Citizen) (Winter) (weather Sensitive)	0	0	0	0	0	0	0.00	1.292	0	0.5%	$ -
14	225 Public Authority Gas Service (Summer)	3,716	6,560	144	254	3,860	6,814	16.65	1.292	73,073	0.5%	$ 365
15	225 Public Authority Gas Service (Winter) (weather Sensitive)	5,201	32,134	201	1,244	5,402	33,378	18.65	1.292	143,893	0.5%	$ 719
16												
17	230 Large Commercial Gas Service (weather sensitive)	0	0	0	0	0	0	420.00	2.286	0	0.5%	$ -
18												
19	Total											310,436

Atmos Energy Corp - Tennessee Distribution System
Attrition Year Pension Benchmark Calculation
Twelve Months Ended May 31, 2020

Line No.	Description	Number of Participants	Estimated Liability	Percent of Contribution	Estimated Contribution	Allocation Factor to Tennessee	Amount Allocable to Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	All Other (not allocable to Tennessee)	5,078	$ 354,513,000	76.4%	$ -	0.00%	$ -
2	Co 010 - Shared Services	574	50,472,000	10.9%	-	4.36%	-
3	Co 010 - CSO	448	13,252,000	2.9%	-	4.41%	-
4	Active Tennessee Jurisdiction Employees	123	13,714,000	3.0%	-	100.00%	-
5	Inactive Tennessee Jurisdiction Employees	242	18,153,000	3.9%	-	100.00%	-
6	Active Division General Office Employees	28	4,620,000	1.0%	-	41.48%	-
7	Inactive Division General Office Employees (pre-merger	72	8,090,000	1.7%	-	26.55%	-
8	Inactive Division General Office Employees (post-merg	5	1,374,000	0.3%	-	41.48%	-
9							
10	Total Amount of Contribution Allocable to Tennessee	6,570	$ 464,188,000	100.00%	$ -		$ -

1 For General Office employees who worked at United Cities Gas Company prior to the merger with Atmos Energy, the Company has applied the allocation factor used to allocate labor expense in Docket No. 95-02258.

Source: Relied Upons\TN-FYE2015-AcctAllocation.pdf

Schedule 5

Tennessee Distribution System
Taxes Other Than Income Taxes
Twelve Months Ended May 31, 2020

Line No.	Description	Total
	(a)	(b)
1	Base period per books Other Taxes Expense (1)	$ 7,542,119
2		
3	Change from Base Period to Attrition Year	1,047,063
4		
5	Attrition Year Other Taxes Expense	$ 8,589,182
6		
7	Inclusion of Barnsley Storage Other taxes	56,446
8		
9	Attrition Year Adjusted Taxes Other Than Income Taxes	$ 8,645,628
10		
11	Note:	
12	1. Twelve months ended September 30, 2018 - Account 408	

WP 5-1

Tennessee Distribution System
Taxes Other Than Income Taxes
Twelve Months Ended September 30, 2018

Line No.	Descripton	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Base Period
1	**Division 093**													
2	FICA	9,242	39,621	7,687	23,569	16,357	25,858	12,391	12,968	13,219	12,536	32,167	11,330	216,945
3	FUTA	0	23	2	2,258	(197)	(212)	4	15	4	13	34	6	1,951
4	SUTA	11	10	(1)	1,377	(416)	63	(6)	3	4	4	15	3	1,067
5	Ad Valorem	377,854	377,854	377,854	408,454	408,454	408,454	408,454	408,454	408,454	408,454	408,454	408,454	4,809,648
6	30105 Corp/State Franchise Tax	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	819,996
7	30107 City Franchise	167	167	167	167	167	167	167	167	167	167	167	167	2,000
8	30109 State Gross Receipts	52,046	76,407	115,027	156,472	111,360	99,961	57,444	37,266	38,170	38,815	38,641	40,056	861,666
9	30104 State Supv & Inspection	39,858	39,858	39,858	39,858	39,858	39,858	48,077	48,077	48,077	48,077	48,077	48,077	527,608
10	30108 Dot Transmission User Tax	-	-	-	-	-	-	-	21,740	-	-	-	-	21,740
11	Division 91 Allocations	15,034	30,811	11,261	15,835	(151,157)	6,362	13,491	15,378	13,242	14,932	4,060	11,150	401
12	Division 12 Allocations	9,173	24,327	7,564	13,545	9,370	11,197	10,040	12,270	9,067	9,622	9,319	9,120	134,613
13	Division 02 Allocations	13,310	39,720	10,383	18,144	12,892	13,099	13,724	16,993	(35,200)	15,004	11,933	14,482	144,483
14	Total	$ 585,027	$ 697,130	$ 638,133	$ 748,011	$ 515,021	$ 673,140	$ 632,119	$ 641,665	$ 563,537	$ 615,957	$ 621,201	$ 611,178	$ 7,542,119
15														
16	**Division 002**													
17	FICA	239,380	762,216	173,145	245,589	242,067	227,184	244,654	333,859	217,608	246,166	203,132	261,204	3,396,205
18	FUTA	393	410	136	29,755	(631)	(1,029)	76	695	159	214	305	446	30,928
19	SUTA	1,023	1,386	424	71,227	(15,357)	4,677	434	1,471	544	483	653	901	67,867
20	Ad Valorem	64,500	64,500	64,500	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	820,800
21	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total	$ 305,296	$ 828,512	$ 238,206	$ 416,271	$ 295,779	$ 300,531	$ 314,864	$ 405,724	$ 288,011	$ 316,563	$ 273,789	$ 332,252	$ 4,315,799
23														
24	**Division 012**													
25	FICA	151,302	482,774	116,549	183,399	162,535	190,014	166,897	214,727	145,477	157,629	150,861	146,361	2,268,525
26	FUTA	220	236	79	17,826	(587)	(501)	38	403	91	119	167	223	18,314
27	SUTA	572	796	245	42,673	(9,439)	2,993	239	851	313	269	357	449	40,320
28	Ad Valorem	48,700	48,700	48,700	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	619,500
29	Total	$ 200,793	$ 532,506	$ 165,572	$ 296,498	$ 205,109	$ 245,106	$ 219,775	$ 268,581	$ 198,481	$ 210,618	$ 203,986	$ 199,632	$ 2,946,659
30														
31	**Division 091**													
32	FICA	35,661	73,294	26,669	34,981	36,211	14,962	31,893	36,379	30,789	34,813	8,856	25,797	390,306
33	FUTA	0	16	1	1,554	(122)	(141)	3	12	4	12	22	5	1,367
34	SUTA	10	6	(1)	948	(284)	61	(5)	2	4	4	10	3	757
35	Ad Valorem	200	200	200	300	(396,474)	300	300	300	800	800	800	800	(391,474)
36	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Total	$ 35,871	$ 73,516	$ 26,870	$ 37,784	$ (360,670)	$ 15,181	$ 32,191	$ 36,694	$ 31,596	$ 35,629	$ 9,688	$ 26,606	$ 956

WP 5-1

Tennessee Distribution System
Taxes Other Than Income Taxes
Twelve Months Ended May 31, 2020

Line No.	Descripton	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Attrition Year
1	**Division 093**													
2	FICA	13,615	12,913	33,132	11,670	9,805	42,033	8,155	25,004	17,353	27,433	13,146	13,758	228,017
3	FUTA	4	14	35	6	0	24	2	2,395	(209)	(225)	5	16	2,068
4	SUTA	4	4	16	3	12	10	(2)	1,461	(442)	67	(6)	3	1,131
5	Ad Valorem	455,854	455,854	455,854	455,852	455,852	455,852	455,852	455,852	455,852	455,852	455,852	455,852	5,470,230
6	30105 Corp/State Franchise Tax	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	68,333	819,996
7	30107 City Franchise	167	167	167	167	167	167	167	167	167	167	167	167	2,000
8	30109 State Gross Receipts	41,100	49,622	49,400	51,207	54,838	86,666	128,772	164,162	123,356	105,160	66,577	41,555	962,415
9	30104 State Supv & Inspection	48,077	48,077	48,077	48,077	48,077	48,077	48,077	48,077	48,077	48,077	48,077	48,077	576,923
10	30108 Dot Transmission User Tax	-	-	-	-	-	-	-	-	-	-	-	21,740	21,740
11	Division 91 Allocations	13,200	14,886	4,040	11,113	15,685	31,896	11,809	16,466	15,743	6,733	14,058	15,997	171,626
12	Division 12 Allocations	9,306	9,885	9,569	9,361	9,820	26,118	8,090	14,331	9,841	11,806	10,561	12,959	141,649
13	Division 02 Allocations	12,549	13,772	11,940	14,445	13,822	36,913	10,861	18,490	13,172	13,382	14,015	18,025	191,386
14	Total	$ 662,210	$ 673,527	$ 680,563	$ 670,234	$ 676,412	$ 796,090	$ 740,116	$ 814,738	$ 751,244	$ 736,784	$ 690,784	$ 696,481	$ 8,589,182
15														
16	**Division 002**													
17	FICA	224,136	253,551	209,226	269,040	253,958	808,635	183,690	260,545	256,809	241,019	259,553	354,191	3,574,355
18	FUTA	164	220	314	460	417	435	144	31,567	(670)	(1,092)	80	737	32,777
19	SUTA	561	498	672	928	1,085	1,470	450	75,565	(16,292)	4,962	461	1,560	71,920
20	Ad Valorem	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	76,800	921,600
21	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total	$ 301,661	$ 331,069	$ 287,012	$ 347,228	$ 332,260	$ 887,341	$ 261,085	$ 444,478	$ 316,648	$ 321,689	$ 336,894	$ 433,288	$ 4,600,652
23														
24	**Division 012**													
25	FICA	149,841	162,358	155,387	150,752	160,516	512,175	123,647	194,568	172,433	201,586	177,061	227,804	2,388,128
26	FUTA	94	123	172	229	233	250	83	18,912	(622)	(532)	41	427	19,411
27	SUTA	323	278	368	462	607	844	260	45,272	(10,014)	3,175	254	903	42,732
28	Ad Valorem	50,700	50,700	50,700	50,700	50,700	50,700	50,700	50,700	50,700	50,700	50,700	50,700	608,400
29	Total	$ 200,957	$ 213,458	$ 206,627	$ 202,143	$ 212,056	$ 563,970	$ 174,690	$ 309,452	$ 212,497	$ 254,930	$ 228,056	$ 279,835	$ 3,058,671
30														
31	**Division 091**													
32	FICA	31,713	35,858	9,122	26,571	37,832	77,758	28,294	37,112	38,416	15,873	33,835	38,595	410,978
33	FUTA	4	12	22	6	1	17	1	1,649	(130)	(150)	3	13	1,449
34	SUTA	4	4	10	3	11	6	(1)	1,006	(301)	64	(6)	2	802
35	Ad Valorem	800	800	800	800	800	800	800	800	800	800	800	800	9,600
36	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Total	$ 32,520	$ 36,674	$ 9,954	$ 27,380	$ 38,644	$ 78,581	$ 29,094	$ 40,566	$ 38,785	$ 16,587	$ 34,633	$ 39,410	$ 422,829

Schedule 6

Tennessee Distribution System
Depreciation and Amortization Expense
Twelve Months Ended May 31, 2020

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books Depreciation Expense (1)		$ 12,846,568
2			
3	Change from Base Period to Attrition Year		1,903,092
4			
5	Attrition Year Depreciation Expense at current Depreciation Rates	Wp 6-2	$ 14,749,659
6			
7	Adjustment to reflect Proposed Depreciation Rates		-
8			
9	Attrition Year Depreciation Expense at proposed Depreciation Rates	Wp 6-1	14,749,659
10			
11	Amortization of Deferred Pension Regulated Asset	Wp 7-3	0
12			
13	Net Elimination of Intercompany Leased Property	Wp 3-1	208,446
14			
15	Adjustment for Depreciation Expense on Capitalized Incentive Comp	Wp 7-8	(125,080)
16			
17	Total Depreciation and Amortization Expense, As Adjusted		$ 14,833,025
18			
19	Note:		
20	1. Twelve months ended September 30, 2018		

WP 6-1

Tennessee Distribution System
Depreciation Expense Adjustment
Proforma SSU Depreciation at Proposed Depreciation Rates
Twelve Months Ended May 31, 2020

Line No.	Description	Amount	Allocation	Allocated
	(a)	(b)	(c)	(d)
1	Proforma Depreciation			
2	Tennessee Operations	$ 13,905,906	100.00%	$ 13,905,906
3	Mid-States General Office	64,665	40.59%	26,247
4	SSU Div 12 - Customer Service	8,252,193	4.63%	382,164
5	SSU Div 02 - General Office	10,465,014	4.16%	435,342
6				
7	Proforma Depreciation Adjustment			$ 14,749,659

WP 6-2

Tennessee Distribution System
Depreciation Expense Adjustment
Proforma SSU Depreciation at Current Depreciation Rates
Twelve Months Ended May 31, 2020

Line No.	Description	Amount	Allocation	Allocated
	(a)	(b)	(c)	(d)
1	Proforma Depreciation			
2	Tennessee Operations	$ 13,905,906	100.00%	$ 13,905,906
3	Mid-States General Office	64,665	40.59%	26,247
4	SSU Div 12 - Customer Service	8,252,193	4.63%	382,164
5	SSU Div 02 - General Office	10,465,014	4.16%	435,342
6				
7	Proforma Depreciation Expense			$ 14,749,659

Schedule 7

Tennessee Distribution System
Rate Base & Return
Twelve Months Ended May 31, 2020
Thirteen Month Average

Line No.	Description	Historic Base Period (1)	Change	Attrition Year	Reference
	(a)	(b)	(c)	(d)	(e)
1	Original Cost of Plant	$ 559,378,029	$ 88,382,803	$ 647,760,832	Wp 7-1 Wp7-2
2					
3	Accumulated Depreciation and Amortization	(207,271,618)	(13,773,837)	(221,045,455)	Wp 7-1 Wp7-2
4					
5	Construction Work in Progress per Books	21,528,052	641,526	22,169,578	Wp 7-1 Wp7-2
6					
7	Storage Gas Investment	4,717,375	479,204	5,196,579	Wp 7-1 Wp7-2
8					
9	Cash Working Capital	940,133	39,082	979,215	Wp 7-5
10					
11	Material & Supplies	30,036	(3,799)	26,237	Wp 7-1 Wp7-2
12					
13	Regulatory Assets/Liabilities	(22,310,981)	(5,684,969)	(27,995,950)	Wp 7-3 WP 7-9
14					
15	Accumulated Deferred Income Tax	(33,885,766)	(2,690,995)	(36,576,761)	Wp 7-1
16					
17	Customer Advances for Construction	(20,280)	-	(20,280)	Wp 7-1 Wp7-2
18					
19	Customer Deposits	(1,508,434)	139,897	(1,368,537)	Wp 7-1 Wp7-2
20					
21	Accumulated Interest on Customer Deposits	(60,852)	(16,424)	(77,276)	Wp 7-1 Wp7-2
22					
23	Unadjusted Rate Base	$ 321,535,695	$ 67,512,489	$ 389,048,183	
24					
25	Adjustments:	(3,401,987)	$ (1,664,571)	(5,066,558)	Wp 7-8
26					
27	Net Elimination of Intercompany Leased Property	$ 5,427,177	$ (347,410)	$ 5,079,768	Wp 7-1 Wp7-2
28					
29	Total Rate Base	$ 323,560,885	$ 65,500,508	$ 389,061,393	
30					
31	Return at Overall Cost of Capital on Rate Base	$ 25,205,393	$ 5,102,490	$ 30,307,883	
32					
33	Note:				
34	1. Twelve months ended September 30, 2018				

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2020

WP 7-1

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002- SSU General	Greenville	AEAM	ALGN	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN	Total Tennessee
										100%	40.59%	4.63%	1.44%	4.16%	1.27%	5.09%	0.00%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			(h)	(i)	(j)	(k)	(l)	(m)			(n)
1	**Gas Plant in Service (Account 101) 13 month average Balances**																	
2																		
3	May-19	$ 605,705,061	$ 3,691,332	$ 126,758,529	$ 16,038,254	$ 120,491,713	$ 9,266,897	$ 26,195,108	$ 18,648,298	$ 605,705,061	$ 1,498,312	$ 5,870,258	$ 230,945	$ 5,012,428	$ 118,009	$ 1,334,231	$ -	$ 619,769,243
4	Jun-19	610,948,263	3,691,332	126,837,872	15,997,790	119,787,831	9,267,570	26,270,889	18,668,805	610,948,263	1,498,312	5,873,933	230,362	4,983,146	118,018	1,338,091	0	$ 624,990,124
5	Jul-19	616,125,886	3,691,332	126,909,375	15,961,325	119,277,069	9,268,058	26,325,878	18,683,685	616,125,886	1,498,312	5,877,244	229,837	4,961,899	118,024	1,340,892	0	$ 630,152,093
6	Aug-19	620,358,641	3,691,332	126,953,561	15,938,790	118,869,512	9,268,447	26,369,757	18,695,558	620,358,641	1,498,312	5,879,290	229,512	4,944,944	118,029	1,343,126	0	$ 634,371,856
7	Sep-19	623,667,409	3,691,332	126,972,700	15,929,030	118,528,126	9,268,774	26,406,511	18,705,504	623,667,409	1,498,312	5,880,177	229,372	4,930,743	118,033	1,344,998	0	$ 637,669,044
8	Oct-19	627,011,270	3,747,846	127,049,555	15,889,834	117,312,512	9,269,935	26,537,386	18,740,919	627,011,270	1,521,251	5,883,736	228,807	4,880,174	118,048	1,351,664	0	$ 640,994,950
9	Nov-19	631,824,573	3,747,846	127,126,622	15,850,532	115,994,822	9,271,195	26,679,251	18,779,307	631,824,573	1,521,251	5,887,305	228,241	4,825,358	118,064	1,358,890	0	$ 645,763,682
10	Dec-19	636,572,897	3,747,846	127,225,840	15,799,932	115,150,859	9,272,001	26,770,113	18,803,894	636,572,897	1,521,251	5,891,900	227,513	4,790,249	118,074	1,363,518	0	$ 650,485,402
11	Jan-20	642,488,226	3,747,846	127,507,440	15,656,320	113,979,420	9,273,121	26,896,232	18,838,022	642,488,226	1,521,251	5,904,941	225,445	4,741,518	118,089	1,369,942	0	$ 656,369,411
12	Feb-20	647,315,567	3,747,846	127,707,462	15,554,311	112,930,693	9,274,123	27,009,140	18,868,575	647,315,567	1,521,251	5,914,204	223,976	4,697,891	118,101	1,375,693	0	$ 661,166,683
13	Mar-20	652,089,477	3,747,846	127,885,344	15,463,594	111,952,356	9,275,058	27,114,469	18,897,077	652,089,477	1,521,251	5,922,442	222,670	4,657,192	118,113	1,381,058	0	$ 665,912,203
14	Apr-20	659,773,248	3,747,846	128,026,491	15,391,611	110,597,956	9,276,352	27,260,286	18,936,535	659,773,248	1,521,251	5,928,979	221,633	4,600,850	118,130	1,388,485	0	$ 673,552,574
15	May-20	665,952,297	3,747,846	128,155,065	15,326,040	109,404,823	9,277,492	27,388,741	18,971,294	665,952,297	1,521,251	5,934,933	220,689	4,551,215	118,144	1,395,028	0	$ 679,693,557
16	Average	$ 633,833,293	$ 3,726,110	$ 127,316,604	$ 15,753,643	$ 115,713,669	$ 9,271,463	$ 26,709,520	$ 18,787,498	$ 633,833,293	$ 1,512,428	$ 5,896,103	$ 226,846	$ 4,813,662	$ 118,067	$ 1,360,432	$ -	$ 647,760,832
17																		
18	**Construction Work in Process (Account 1070)**																	
19																		
20	May-19	$ 20,740,322	$ 577,840	$ 5,284,738	$ -	$ 22,835,988	$ -	$ -	$ -	$ 20,740,322	$ 234,545	$ 244,739	$ -	$ 949,972	$ -	$ -	$ -	$ 22,169,578
21	Jun-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
22	Jul-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
23	Aug-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
24	Sep-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
25	Oct-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
26	Nov-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
27	Dec-19	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
28	Jan-20	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
29	Feb-20	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
30	Mar-20	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
31	Apr-20	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
32	May-20	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0	20,740,322	234,545	244,739	0	949,972	0	0	0	$ 22,169,578
33	Average	$ 20,740,322	$ 577,840	$ 5,284,738	$ -	$ 22,835,988	$ -	$ -	$ -	$ 20,740,322	$ 234,545	$ 244,739	$ -	$ 949,972	$ -	$ -	$ -	$ 22,169,578
34																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2020

WP 7-1

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002- SSU General	Greenville	AEAM	ALGN	Division 093 100%	Division 091 40.59%	Division 012 4.63%	CKV 1.44%	Division 002 4.16%	Greenville 1.27%	AEAM 5.09%	ALGN 0.00%	Total Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			(h)	(i)	(j)	(k)	(l)	(m)			(n)
35	**Inventories- Plant Materials (Account 1540)**																	
36																		
37	May-19	$ -	$ 64,640	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,237	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,237
38	Jun-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
39	Jul-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
40	Aug-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
41	Sep-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
42	Oct-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
43	Nov-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
44	Dec-19	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
45	Jan-20	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
46	Feb-20	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
47	Mar-20	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
48	Apr-20	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
49	May-20	0	64,640	0	0	0	0	0	0	0	26,237	0	0	0	0	0	0	$ 26,237
50	Average	$ -	$ 64,640	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,237	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,237
51																		
52	**Inventories- Gas Stored (Account 1641)**																	
53	***Includes Tennessee stored gas in Dvivision 93 and an allocated portion of Tennessee stored gas in Division 96***																	
54	May-19	$ 2,698,466	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,698,466	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,698,466
55	Jun-19	3,738,478	0	0	0	0	0	0	0	3,738,478	0	0	0	0	0	0	0	$ 3,738,478
56	Jul-19	4,761,650	0	0	0	0	0	0	0	4,761,650	0	0	0	0	0	0	0	$ 4,761,650
57	Aug-19	5,835,794	0	0	0	0	0	0	0	5,835,794	0	0	0	0	0	0	0	$ 5,835,794
58	Sep-19	6,908,733	0	0	0	0	0	0	0	6,908,733	0	0	0	0	0	0	0	$ 6,908,733
59	Oct-19	7,936,180	0	0	0	0	0	0	0	7,936,180	0	0	0	0	0	0	0	$ 7,936,180
60	Nov-19	9,009,120	0	0	0	0	0	0	0	9,009,120	0	0	0	0	0	0	0	$ 9,009,120
61	Dec-19	8,416,582	0	0	0	0	0	0	0	8,416,582	0	0	0	0	0	0	0	$ 8,416,582
62	Jan-20	6,559,420	0	0	0	0	0	0	0	6,559,420	0	0	0	0	0	0	0	$ 6,559,420
63	Feb-20	4,579,371	0	0	0	0	0	0	0	4,579,371	0	0	0	0	0	0	0	$ 4,579,371
64	Mar-20	2,746,693	0	0	0	0	0	0	0	2,746,693	0	0	0	0	0	0	0	$ 2,746,693
65	Apr-20	1,698,719	0	0	0	0	0	0	0	1,698,719	0	0	0	0	0	0	0	$ 1,698,719
66	May-20	2,666,323	0	0	0	0	0	0	0	2,666,323	0	0	0	0	0	0	0	$ 2,666,323
67	Average	$ 5,196,579	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,196,579	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,196,579
68																		

WP 7-1

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2020

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002- SSU General	Greenville	AEAM	ALGN	Division 093 100%	Division 091 40.59%	Division 012 4.63%	CKV 1.44%	Division 002 4.16%	Greenville 1.27%	AEAM 5.09%	ALGN 0.00%	Total Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			(h)	(i)	(j)	(k)	(l)	(m)			(n)
69	**Customers Deposits (Account 2350)**																	
70																		
71	May-19	$ (1,366,144)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,366,144)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,366,144)
72	Jun-19	(1,366,542)	0	0	0	0	0	0	0	(1,366,542)	0	0	0	0	0	0	0	$ (1,366,542)
73	Jul-19	(1,366,941)	0	0	0	0	0	0	0	(1,366,941)	0	0	0	0	0	0	0	$ (1,366,941)
74	Aug-19	(1,367,340)	0	0	0	0	0	0	0	(1,367,340)	0	0	0	0	0	0	0	$ (1,367,340)
75	Sep-19	(1,367,738)	0	0	0	0	0	0	0	(1,367,738)	0	0	0	0	0	0	0	$ (1,367,738)
76	Oct-19	(1,368,137)	0	0	0	0	0	0	0	(1,368,137)	0	0	0	0	0	0	0	$ (1,368,137)
77	Nov-19	(1,368,536)	0	0	0	0	0	0	0	(1,368,536)	0	0	0	0	0	0	0	$ (1,368,536)
78	Dec-19	(1,368,935)	0	0	0	0	0	0	0	(1,368,935)	0	0	0	0	0	0	0	$ (1,368,935)
79	Jan-20	(1,369,335)	0	0	0	0	0	0	0	(1,369,335)	0	0	0	0	0	0	0	$ (1,369,335)
80	Feb-20	(1,369,734)	0	0	0	0	0	0	0	(1,369,734)	0	0	0	0	0	0	0	$ (1,369,734)
81	Mar-20	(1,370,134)	0	0	0	0	0	0	0	(1,370,134)	0	0	0	0	0	0	0	$ (1,370,134)
82	Apr-20	(1,370,533)	0	0	0	0	0	0	0	(1,370,533)	0	0	0	0	0	0	0	$ (1,370,533)
83	May-20	(1,370,933)	0	0	0	0	0	0	0	(1,370,933)	0	0	0	0	0	0	0	$ (1,370,933)
84	Average	$ (1,368,537)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,368,537)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,368,537)
85																		
86																		
87	**Accumulated Deferred FIT (Total Accounts 1900, 2820, 2830) adjusted to remove a non-utility item**																	
88																		
89	May-19	$ (55,267,148)	$ (568,590)	$ (16,462,446)	$ -	$ 640,602,911	$ -	$ -	$ -	$ (55,267,148)	$ (230,791)	$ (762,385)	$ -	$ 26,648,934	$ -	$ -	$ -	$ (29,611,390)
90	Jun-19	(55,636,376)	(567,176)	(16,340,847)	0	640,560,516	0	0	0	(55,636,376)	(230,217)	(756,754)	0	26,647,170	0	0	0	$ (29,976,177)
91	Jul-19	(55,969,550)	(565,887)	(16,225,205)	0	640,520,723	0	0	0	(55,969,550)	(229,693)	(751,398)	0	26,645,515	0	0	0	$ (30,305,127)
92	Aug-19	(56,223,523)	(564,723)	(16,105,678)	0	640,485,407	0	0	0	(56,223,523)	(229,221)	(745,863)	0	26,644,046	0	0	0	$ (30,554,562)
93	Sep-19	(56,409,989)	(563,680)	(15,986,182)	0	640,452,519	0	0	0	(56,409,989)	(228,798)	(740,329)	0	26,642,677	0	0	0	$ (30,736,438)
94	Oct-19	(56,590,812)	(564,260)	(15,899,597)	0	640,345,945	0	0	0	(56,590,812)	(229,033)	(736,319)	0	26,638,244	0	0	0	$ (30,917,920)
95	Nov-19	(56,794,133)	(563,549)	(15,824,536)	0	640,246,058	0	0	0	(56,794,133)	(228,745)	(732,843)	0	26,634,089	0	0	0	$ (31,121,632)
96	Dec-19	(56,964,014)	(562,950)	(15,769,154)	0	640,190,685	0	0	0	(56,964,014)	(228,501)	(730,278)	0	26,631,785	0	0	0	$ (31,291,008)
97	Jan-20	(57,127,517)	(562,463)	(15,776,811)	0	640,129,503	0	0	0	(57,127,517)	(228,304)	(730,633)	0	26,629,240	0	0	0	$ (31,457,214)
98	Feb-20	(57,238,758)	(562,077)	(15,764,184)	0	640,085,823	0	0	0	(57,238,758)	(228,147)	(730,048)	0	26,627,423	0	0	0	$ (31,569,530)
99	Mar-20	(57,317,249)	(561,803)	(15,751,606)	0	640,056,829	0	0	0	(57,317,249)	(228,036)	(729,466)	0	26,626,217	0	0	0	$ (31,648,533)
100	Apr-20	(57,386,180)	(561,637)	(15,740,373)	0	640,032,966	0	0	0	(57,386,180)	(227,968)	(728,945)	0	26,625,224	0	0	0	$ (31,717,870)
101	May-20	(57,405,097)	(561,583)	(15,736,305)	0	640,026,070	0	0	0	(57,405,097)	(227,946)	(728,757)	0	26,624,937	0	0	0	$ (31,736,864)
102	Average	$ (56,640,796)	$ (563,875)	$ (15,952,532)	$ -	$ 640,287,381	$ -	$ -	$ -	$ (56,640,796)	$ (228,877)	$ (738,771)	$ -	$ 26,635,808	$ -	$ -	$ -	$ (30,972,636)
103																		
104													Forecasted Change in NOLC					-5,604,125
105																		**$ (36,576,761)**
106																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2020

WP 7-1

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002- SSU General	Greenville	AEAM	ALGN	Division 093 100%	Division 091 40.59%	Division 012 4.63%	CKV 1.44%	Division 002 4.16%	Greenville 1.27%	AEAM 5.09%	ALGN 0.00%	Total Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			(h)	(i)	(j)	(k)	(l)	(m)			(n)
107	**Accumulated Depreciation (Account 1080)**																	
108																		
109	May-19	$ (210,159,894)	$ (2,014,637)	$ (45,285,201)	$ (3,042,471)	$ (52,315,721)	$ (3,898,444)	$ (14,622,819)	$ (4,739,557)	$ (210,159,894)	$ (817,741)	$ (2,097,183)	$ (43,810)	$ (2,176,322)	$ (49,645)	$ (744,804)	$ -	$ (216,089,399)
110	Jun-19	(210,945,017)	(2,019,720)	(45,865,022)	(3,021,058)	(51,136,491)	(3,921,754)	(14,752,627)	(4,842,418)	(210,945,017)	(819,804)	(2,124,035)	(43,502)	(2,127,266)	(49,942)	(751,415)	0	$ (216,860,981)
111	Jul-19	(211,744,138)	(2,024,802)	(46,452,178)	(3,005,094)	(50,453,681)	(3,945,065)	(14,887,939)	(4,945,361)	(211,744,138)	(821,867)	(2,151,226)	(43,272)	(2,098,862)	(50,238)	(758,307)	0	$ (217,667,911)
112	Aug-19	(212,612,474)	(2,029,884)	(47,063,900)	(3,008,998)	(50,008,716)	(3,968,378)	(15,026,269)	(5,048,367)	(212,612,474)	(823,930)	(2,179,556)	(43,328)	(2,080,351)	(50,535)	(765,353)	0	$ (218,555,528)
113	Sep-19	(213,546,931)	(2,034,967)	(47,698,043)	(3,031,212)	(49,758,106)	(3,991,692)	(15,166,583)	(5,151,428)	(213,546,931)	(825,993)	(2,208,923)	(43,648)	(2,069,926)	(50,832)	(772,500)	0	$ (219,518,753)
114	Oct-19	(214,485,409)	(2,037,689)	(48,281,104)	(3,010,717)	(47,196,911)	(4,015,009)	(15,284,046)	(5,254,682)	(214,485,409)	(827,098)	(2,235,925)	(43,353)	(1,963,381)	(51,129)	(778,483)	0	$ (220,384,778)
115	Nov-19	(215,337,701)	(2,043,231)	(48,864,348)	(2,989,736)	(44,382,640)	(4,038,331)	(15,399,529)	(5,358,143)	(215,337,701)	(829,347)	(2,262,935)	(43,051)	(1,846,308)	(51,426)	(784,365)	0	$ (221,155,134)
116	Dec-19	(216,203,145)	(2,048,773)	(49,428,322)	(2,952,064)	(42,764,228)	(4,061,656)	(15,528,272)	(5,461,739)	(216,203,145)	(831,597)	(2,289,053)	(42,509)	(1,778,982)	(51,723)	(790,922)	0	$ (221,987,931)
117	Jan-20	(217,004,082)	(2,054,315)	(49,831,063)	(2,779,268)	(40,308,685)	(4,084,984)	(15,648,874)	(5,565,520)	(217,004,082)	(833,846)	(2,307,704)	(40,020)	(1,676,832)	(52,020)	(797,065)	0	$ (222,711,570)
118	Feb-20	(217,884,629)	(2,059,857)	(50,307,496)	(2,665,513)	(38,160,922)	(4,108,315)	(15,773,396)	(5,669,467)	(217,884,629)	(836,096)	(2,329,768)	(38,382)	(1,587,486)	(52,317)	(803,408)	0	$ (223,532,086)
119	Mar-20	(218,777,627)	(2,065,399)	(50,804,525)	(2,567,253)	(36,159,405)	(4,131,650)	(15,900,387)	(5,773,568)	(218,777,627)	(838,345)	(2,352,786)	(36,967)	(1,504,223)	(52,614)	(809,876)	0	$ (224,372,439)
120	Apr-20	(219,496,478)	(2,070,941)	(51,334,984)	(2,495,359)	(33,192,706)	(4,154,989)	(16,018,035)	(5,877,884)	(219,496,478)	(840,595)	(2,377,352)	(35,932)	(1,380,809)	(52,912)	(815,868)	0	$ (224,999,946)
121	May-20	(220,324,496)	(2,076,483)	(51,877,273)	(2,432,148)	(30,632,448)	(4,178,331)	(16,140,726)	(5,982,389)	(220,324,496)	(842,844)	(2,402,466)	(35,022)	(1,274,303)	(53,209)	(822,117)	0	$ (225,754,457)
122	Average	$ (215,270,925)	$ (2,044,669)	$ (48,699,497)	$ (2,846,222)	$ (43,574,666)	$ (4,038,354)	$ (15,396,116)	$ (5,359,271)	$ (215,270,925)	$ (829,931)	$ (2,255,301)	$ (40,984)	$ (1,812,696)	$ (51,426)	$ (784,191)	$ -	$ (221,045,455)
123																		
124																		
125	**Customers Advances (Account 2520)**																	
126																		
127	May-19	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)
128	Jun-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
129	Jul-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
130	Aug-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
131	Sep-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
132	Oct-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
133	Nov-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
134	Dec-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
135	Jan-20	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
136	Feb-20	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
137	Mar-20	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
138	Apr-20	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
139	May-20	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
140	Average	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)
141																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2020

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Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002- SSU General	Greenville	AEAM	ALGN	Division 093 100%	Division 091 40.59%	Division 012 4.63%	CKV 1.44%	Division 002 4.16%	Greenville 1.27%	AEAM 5.09%	ALGN 0.00%	Total Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			(h)	(i)	(j)	(k)	(l)	(m)			(n)
142	**Interest on Customer Deposits (Account 2370-26919)**																	
143																		
144	May-19	$ (77,141)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (77,141)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (77,141)
145	Jun-19	(77,163)	0	0	0	0	0	0	0	(77,163)	0	0	0	0	0	0	0	$ (77,163)
146	Jul-19	(77,186)	0	0	0	0	0	0	0	(77,186)	0	0	0	0	0	0	0	$ (77,186)
147	Aug-19	(77,208)	0	0	0	0	0	0	0	(77,208)	0	0	0	0	0	0	0	$ (77,208)
148	Sep-19	(77,231)	0	0	0	0	0	0	0	(77,231)	0	0	0	0	0	0	0	$ (77,231)
149	Oct-19	(77,253)	0	0	0	0	0	0	0	(77,253)	0	0	0	0	0	0	0	$ (77,253)
150	Nov-19	(77,276)	0	0	0	0	0	0	0	(77,276)	0	0	0	0	0	0	0	$ (77,276)
151	Dec-19	(77,298)	0	0	0	0	0	0	0	(77,298)	0	0	0	0	0	0	0	$ (77,298)
152	Jan-20	(77,321)	0	0	0	0	0	0	0	(77,321)	0	0	0	0	0	0	0	$ (77,321)
153	Feb-20	(77,343)	0	0	0	0	0	0	0	(77,343)	0	0	0	0	0	0	0	$ (77,343)
154	Mar-20	(77,366)	0	0	0	0	0	0	0	(77,366)	0	0	0	0	0	0	0	$ (77,366)
155	Apr-20	(77,388)	0	0	0	0	0	0	0	(77,388)	0	0	0	0	0	0	0	$ (77,388)
156	May-20	(77,411)	0	0	0	0	0	0	0	(77,411)	0	0	0	0	0	0	0	$ (77,411)
157	Average	$ (77,276)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (77,276)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (77,276)
158																		
159	**Net elimination of intercompany leased property**																	
160																		
161	May-19	$ 5,183,991	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,183,991	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,183,991
162	Jun-19	5,166,620	0	0	0	0	0	0	0	5,166,620	0	0	0	0	0	0	0	$ 5,166,620
163	Jul-19	5,149,250	0	0	0	0	0	0	0	5,149,250	0	0	0	0	0	0	0	$ 5,149,250
164	Aug-19	5,131,879	0	0	0	0	0	0	0	5,131,879	0	0	0	0	0	0	0	$ 5,131,879
165	Sep-19	5,114,509	0	0	0	0	0	0	0	5,114,509	0	0	0	0	0	0	0	$ 5,114,509
166	Oct-19	5,097,138	0	0	0	0	0	0	0	5,097,138	0	0	0	0	0	0	0	$ 5,097,138
167	Nov-19	5,079,768	0	0	0	0	0	0	0	5,079,768	0	0	0	0	0	0	0	$ 5,079,768
168	Dec-19	5,062,397	0	0	0	0	0	0	0	5,062,397	0	0	0	0	0	0	0	$ 5,062,397
169	Jan-20	5,045,027	0	0	0	0	0	0	0	5,045,027	0	0	0	0	0	0	0	$ 5,045,027
170	Feb-20	5,027,656	0	0	0	0	0	0	0	5,027,656	0	0	0	0	0	0	0	$ 5,027,656
171	Mar-20	5,010,286	0	0	0	0	0	0	0	5,010,286	0	0	0	0	0	0	0	$ 5,010,286
172	Apr-20	4,992,915	0	0	0	0	0	0	0	4,992,915	0	0	0	0	0	0	0	$ 4,992,915
173	May-20	4,975,545	0	0	0	0	0	0	0	4,975,545	0	0	0	0	0	0	0	$ 4,975,545
174	Average	$ 5,079,768	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,079,768	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,079,768
175																		

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Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2020

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002- SSU General	Greenville	AEAM	ALGN	Division 093 100%	Division 091 40.59%	Division 012 4.63%	CKV 1.44%	Division 002 4.16%	Greenville 1.27%	AEAM 5.09%	ALGN 0.00%	Total Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			(h)	(i)	(j)	(k)	(l)	(m)			(n)
176	**Calculation of Change in NOLC**																	
177	**(from 13-month average Base Period to 13-month average Forecasted Period**																	
178																		
179	13-month average Rate Base (Forecast)					389,061,393												
180																		
181	Required Operating Income					30,307,883												
182																		
183	Interest Deduction					8,053,571												
184																		
185	Return on Equity Portion of Rate Base					22,254,312												
186																		
187	Return, grossed up for Income Tax					30,038,957												
188																		
189	Tax Expense on Return					7,784,645												
190																		
191	Change In ADIT, excluding forecasted change in NOLC[2]					(2,180,519)												
192	Required Change in NOLC					(5,604,125)												
193																		
194	**Total Required Change in Accumulated Deferred Income Taxes[1]**					(7,784,645)												
195																		
196																		
197	**ADIT Reconciliation**																	
198	**13-Month Average ADIT, Base Period**					**(33,885,766)**												
199																		
200	13-Month Average ADIT, Forecasted Period, excl, Change in NOLC					(30,972,636)												
201	Change in NOLC					(5,604,125)												
202	**Forecasted 13-month Average ADIT in Rate Base**					**(36,576,761)**												
203																		
204	**Total Required Change in Accumulated Deferred Income Taxes**					**(2,690,995)**												
205																		
206																		
207	[1]Because the Company is in a NOLC position, the total change in ADIT must equal the tax expenses included in revenue requirement																	
208	[2]Calculation uses the average of the final 10 months of the base period to reflect repricing of ADIT in December '17 to comply with TCJA																	

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2018

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										Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN	
										FY17 (Oct)	100%	41.81%	4.52%	1.86%	4.26%	1.29%	5.20%	0.00%	
										FY17 (Nov-Dec)	100%	41.88%	4.52%	1.86%	4.36%	1.29%	5.37%	0.00%	
										FY17 (Jan-Sep)	100%	41.88%	4.52%	1.86%	4.33%	1.29%	5.36%	0.00%	
Line No.	**Month**	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002 - SSU General	Greenville	AEAM	ALGN	FY18	100%	41.91%	4.57%	1.88%	4.36%	1.32%	5.36%	0.00%	Total Tennessee
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
1	**Gas Plant in Service (Account 101)**																		
2																			
3	Sep-17	$ 527,650,038	$ 3,582,953	$ 124,647,283	$ 16,606,844	$ 139,988,038	$ 9,196,755	$ 22,640,638	$ 18,160,101		$ 527,650,038	$ 1,500,451	$ 5,633,412	$ 308,697	$ 6,067,530	$ 118,539	$ 1,214,558	$ -	$ 542,493,225
4	Oct-17	531,672,910	3,582,953	125,248,182	16,583,351	146,227,617	9,196,755	23,053,007	18,160,101		531,672,910	1,501,616	5,722,186	311,400	6,373,024	121,594	1,234,643	0	546,937,371
5	Nov-17	534,227,819	3,582,953	125,259,030	16,617,361	146,271,246	9,196,755	23,660,591	18,160,101		534,227,819	1,501,616	5,722,682	312,039	6,374,925	121,594	1,267,183	0	549,527,856
6	Dec-17	538,568,827	3,578,941	127,673,859	16,617,345	148,011,398	9,250,925	23,920,166	18,160,101		538,568,827	1,499,934	5,833,008	312,039	6,450,766	122,310	1,281,085	0	554,067,968
7	Jan-18	539,817,942	3,621,977	127,724,132	16,626,361	148,048,858	9,250,925	23,920,452	18,160,101		539,817,942	1,517,970	5,835,304	312,208	6,452,399	122,310	1,281,100	0	555,339,233
8	Feb-18	540,868,654	3,621,977	127,765,833	16,626,361	148,065,752	9,250,925	23,920,339	18,382,508		540,868,654	1,517,970	5,837,210	312,208	6,453,135	122,310	1,281,094	0	556,392,580
9	Mar-18	543,302,591	3,619,363	127,759,105	16,629,391	148,065,593	9,258,221	23,920,335	18,382,508		543,302,591	1,516,875	5,836,902	312,265	6,453,128	122,406	1,281,094	0	558,825,261
10	Apr-18	545,261,147	3,619,363	127,759,033	16,629,391	148,082,113	9,258,221	23,929,367	18,382,508		545,261,147	1,516,875	5,836,899	312,265	6,453,848	122,406	1,281,577	0	560,785,017
11	May-18	547,545,741	3,619,675	127,762,534	16,650,497	148,094,664	9,258,178	23,929,367	18,382,508		547,545,741	1,517,006	5,837,059	312,661	6,454,395	122,406	1,281,577	0	563,070,844
12	Jun-18	548,562,179	3,619,675	127,881,284	16,652,906	150,246,923	9,258,178	23,928,933	18,382,508		548,562,179	1,517,006	5,842,484	312,706	6,548,197	122,406	1,281,554	0	564,186,531
13	Jul-18	549,724,038	3,634,819	127,891,048	16,652,906	151,283,589	9,258,178	23,928,933	18,382,508		549,724,038	1,523,353	5,842,930	312,706	6,593,378	122,406	1,281,554	0	565,400,365
14	Aug-18	556,640,554	3,634,819	127,917,791	16,652,906	148,939,877	9,258,178	26,321,552	18,382,508		556,640,554	1,523,353	5,844,152	312,706	6,491,232	122,406	1,409,695	0	572,344,098
15	Sep-18	567,849,298	3,634,819	125,576,164	16,641,244	129,615,016	9,258,178	25,212,878	18,382,508		567,849,298	1,523,353	5,737,171	312,487	5,648,998	122,406	1,350,318	0	582,544,030
16	Average	$ 543,976,287	$ 3,611,868	$ 126,989,637	$ 16,629,759	$ 146,226,206	$ 9,242,337	$ 24,022,043	$ 18,296,967		$ 543,976,287	$ 1,513,644	$ 5,797,031	$ 312,030	$ 6,370,381	$ 121,961	$ 1,286,695	$ -	$ 559,378,029
17																			
18	**Construction Work in Process (Account 1070)**																		
19																			
20	Sep-17	$ 11,509,545	$ 404,491	$ 4,577,333	$ -	$ 16,534,753	$ -	$ -	$ -		$ 11,509,545	$ 169,391	$ 206,872	$ -	$ 716,669	$ -	$ -	$ -	$ 12,602,477
21	Oct-17	17,780,221	(93,578)	4,056,653	0	11,567,688	0	0	0		17,780,221	(39,219)	185,335	0	504,153	0	0	0	18,430,491
22	Nov-17	18,391,940	(85,870)	4,278,176	0	11,500,465	0	0	0		18,391,940	(35,988)	195,456	0	501,224	0	0	0	19,052,631
23	Dec-17	15,745,362	562,277	1,782,757	0	6,900,741	0	0	0		15,745,362	235,650	81,448	0	300,754	0	0	0	16,363,215
24	Jan-18	16,042,270	893,130	1,805,353	0	7,854,803	0	0	0		16,042,270	374,311	82,481	0	342,335	0	0	0	16,841,396
25	Feb-18	17,176,206	1,092,899	1,909,412	0	7,580,110	0	0	0		17,176,206	458,034	87,235	0	330,363	0	0	0	18,051,838
26	Mar-18	19,077,682	706,699	2,309,501	0	14,397,497	0	0	0		19,077,682	296,177	105,514	0	627,485	0	0	0	20,106,858
27	Apr-18	22,345,079	638,313	3,315,500	0	12,852,141	0	0	0		22,345,079	267,517	151,475	0	560,134	0	0	0	23,324,204
28	May-18	25,266,597	775,828	3,667,881	0	12,565,828	0	0	0		25,266,597	325,150	167,574	0	547,655	0	0	0	26,306,976
29	Jun-18	27,046,784	688,454	3,989,374	0	16,307,289	0	0	0		27,046,784	288,531	182,262	0	710,719	0	0	0	28,228,295
30	Jul-18	28,933,618	817,120	4,283,080	0	14,725,350	0	0	0		28,933,618	342,455	195,680	0	641,773	0	0	0	30,113,526
31	Aug-18	26,905,740	970,703	4,833,715	0	15,836,002	0	0	0		26,905,740	406,822	220,837	0	690,179	0	0	0	28,223,577
32	Sep-18	20,740,322	577,840	5,284,738	0	22,835,988	0	0	0		20,740,322	242,173	241,443	0	995,259	0	0	0	22,219,196
33	Average	$ 20,535,490	$ 611,408	$ 3,545,652	$ -	$ 13,189,127	$ -	$ -	$ -		$ 20,535,490	$ 256,231	$ 161,816	$ -	$ 574,516	$ -	$ -	$ -	$ 21,528,052

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2018

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Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002 - SSU General	Greenville	AEAM	ALGN	Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN	Total Tennessee
										FY17 (Oct)	100%	41.81%	4.52%	1.86%	4.26%	1.29%	5.20%	0.00%	
										FY17 (Nov-Dec)	100%	41.88%	4.52%	1.86%	4.36%	1.29%	5.37%	0.00%	
										FY17 (Jan-Sep)	100%	41.88%	4.52%	1.86%	4.33%	1.29%	5.36%	0.00%	
										FY18	100%	41.91%	4.57%	1.88%	4.36%	1.32%	5.36%	0.00%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
34																			
35	**Inventories- Plant Materials (Account 1540)**																		
36																			
37	Sep-17	$ -	$ 76,075	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ 31,858	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,858
38	Oct-17	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
39	Nov-17	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
40	Dec-17	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
41	Jan-18	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
42	Feb-18	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
43	Mar-18	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
44	Apr-18	-	76,068	0	0	0	0	0	0		0	31,880	0	0	0	0	0	0	31,880
45	May-18	-	64,640	0	0	0	0	0	0		0	27,091	0	0	0	0	0	0	27,091
46	Jun-18	-	64,640	0	0	0	0	0	0		0	27,091	0	0	0	0	0	0	27,091
47	Jul-18	-	64,640	0	0	0	0	0	0		0	27,091	0	0	0	0	0	0	27,091
48	Aug-18	-	64,640	0	0	0	0	0	0		0	27,091	0	0	0	0	0	0	27,091
49	Sep-18	-	64,640	0	0	0	0	0	0		0	27,091	0	0	0	0	0	0	27,091
50	Average	$ -	$ 71,673	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ 30,036	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,036
51																			
52																			
53	**Inventories- Gas Stored (Account 1641)**																		
54	***Includes Tennessee stored gas in Dvivision 93 and an allocated portion of Tennessee stored gas in Division 96***																		
55	Sep-17	$ 7,351,047	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 7,351,047	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,351,047
56	Oct-17	8,153,627	0	0	0	0	0	0	0		8,153,627	0	0	0	0	0	0	0	8,153,627
57	Nov-17	8,246,120	0	0	0	0	0	0	0		8,246,120	0	0	0	0	0	0	0	8,246,120
58	Dec-17	5,626,240	0	0	0	0	0	0	0		5,626,240	0	0	0	0	0	0	0	5,626,240
59	Jan-18	3,233,440	0	0	0	0	0	0	0		3,233,440	0	0	0	0	0	0	0	3,233,440
60	Feb-18	2,690,790	0	0	0	0	0	0	0		2,690,790	0	0	0	0	0	0	0	2,690,790
61	Mar-18	831,112	0	0	0	0	0	0	0		831,112	0	0	0	0	0	0	0	831,112
62	Apr-18	1,368,505	0	0	0	0	0	0	0		1,368,505	0	0	0	0	0	0	0	1,368,505
63	May-18	2,631,037	0	0	0	0	0	0	0		2,631,037	0	0	0	0	0	0	0	2,631,037
64	Jun-18	3,756,056	0	0	0	0	0	0	0		3,756,056	0	0	0	0	0	0	0	3,756,056
65	Jul-18	4,749,018	0	0	0	0	0	0	0		4,749,018	0	0	0	0	0	0	0	4,749,018
66	Aug-18	5,834,875	0	0	0	0	0	0	0		5,834,875	0	0	0	0	0	0	0	5,834,875
67	Sep-18	6,854,014	0	0	0	0	0	0	0		6,854,014	0	0	0	0	0	0	0	6,854,014
68	Average	$ 4,717,375	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 4,717,375	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,717,375

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2018

WP 7-2

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002 - SSU General	Greenville	AEAM	ALGN	Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN	Total Tennessee
										FY17 (Oct)	100%	41.81%	4.52%	1.86%	4.26%	1.29%	5.20%	0.00%	
										FY17 (Nov-Dec)	100%	41.88%	4.52%	1.86%	4.36%	1.29%	5.37%	0.00%	
										FY17 (Jan-Sep)	100%	41.88%	4.52%	1.86%	4.33%	1.29%	5.36%	0.00%	
										FY18	100%	41.91%	4.57%	1.88%	4.36%	1.32%	5.36%	0.00%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
69																			
70	**Customers Deposits (Account 2350)**																		
71																			
72	Sep-17	$ (1,647,626)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (1,647,626)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,647,626)
73	Oct-17	(1,640,924)	0	0	0	0	0	0	0		(1,640,924)	0	0	0	0	0	0	0	(1,640,924)
74	Nov-17	(1,608,700)	0	0	0	0	0	0	0		(1,608,700)	0	0	0	0	0	0	0	(1,608,700)
75	Dec-17	(1,580,328)	0	0	0	0	0	0	0		(1,580,328)	0	0	0	0	0	0	0	(1,580,328)
76	Jan-18	(1,548,410)	0	0	0	0	0	0	0		(1,548,410)	0	0	0	0	0	0	0	(1,548,410)
77	Feb-18	(1,555,682)	0	0	0	0	0	0	0		(1,555,682)	0	0	0	0	0	0	0	(1,555,682)
78	Mar-18	(1,556,309)	0	0	0	0	0	0	0		(1,556,309)	0	0	0	0	0	0	0	(1,556,309)
79	Apr-18	(1,470,098)	0	0	0	0	0	0	0		(1,470,098)	0	0	0	0	0	0	0	(1,470,098)
80	May-18	(1,452,699)	0	0	0	0	0	0	0		(1,452,699)	0	0	0	0	0	0	0	(1,452,699)
81	Jun-18	(1,409,525)	0	0	0	0	0	0	0		(1,409,525)	0	0	0	0	0	0	0	(1,409,525)
82	Jul-18	(1,395,471)	0	0	0	0	0	0	0		(1,395,471)	0	0	0	0	0	0	0	(1,395,471)
83	Aug-18	(1,380,914)	0	0	0	0	0	0	0		(1,380,914)	0	0	0	0	0	0	0	(1,380,914)
84	Sep-18	(1,362,960)	0	0	0	0	0	0	0		(1,362,960)	0	0	0	0	0	0	0	(1,362,960)
85	Average	$ (1,508,434)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (1,508,434)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,508,434)
86																			
87																			
88	**Accumulated Deferred FIT (Total Accounts 1900, 2820, 2830)**																		
89																			
90	Sep-17	$ (89,403,238)	$ 4,826,649	$ (28,031,233)	$ -	$ 870,490,617	$ -	$ -	$ -		$ (89,403,238)	$ 2,021,279	$ (1,266,867)	$ -	$ 37,729,849	$ -	$ -	$ -	$ (50,918,976)
91	Oct-17	(89,403,238)	4,826,649	(28,031,233)	-	868,005,751	-	-	-		(89,403,238)	2,022,849	(1,280,657)	0	37,830,208	0	0	0	(50,830,838)
92	Nov-17	(89,403,238)	4,826,649	(28,031,233)	-	867,704,108	-	-	-		(89,403,238)	2,022,849	(1,280,657)	0	37,817,061	0	0	0	(50,843,985)
93	Dec-17	(46,302,235)	(5,505,684)	(17,525,378)	-	531,295,885	-	-	-		(46,302,235)	(2,307,432)	(800,678)	0	23,155,415	0	0	0	(26,254,930)
94	Jan-18	(46,302,235)	(5,505,684)	(17,525,378)	-	524,162,535	-	-	-		(46,302,235)	(2,307,432)	(800,678)	0	22,844,523	0	0	0	(26,565,822)
95	Feb-18	(46,302,235)	(5,505,684)	(17,525,378)	-	521,574,771	-	-	-		(46,302,235)	(2,307,432)	(800,678)	0	22,731,741	0	0	0	(26,678,604)
96	Mar-18	(49,678,703)	446,994	(17,476,104)	-	461,267,696	-	-	-		(49,678,703)	187,335	(798,427)	0	20,103,384	0	0	0	(30,186,411)
97	Apr-18	(49,678,703)	446,994	(17,476,104)	-	456,888,409	-	-	-		(49,678,703)	187,335	(798,427)	0	19,912,522	0	0	0	(30,377,273)
98	May-18	(49,678,703)	446,994	(17,476,104)	-	458,122,862	-	-	-		(49,678,703)	187,335	(798,427)	0	19,966,323	0	0	0	(30,323,472)
99	Jun-18	(49,680,442)	140,779	(17,051,943)	-	454,116,036	-	-	-		(49,680,442)	59,000	(779,048)	0	19,791,694	0	0	0	(30,608,796)
100	Jul-18	(49,680,442)	140,779	(17,051,943)	-	451,298,418	-	-	-		(49,680,442)	59,000	(779,048)	0	19,668,894	0	0	0	(30,731,596)
101	Aug-18	(49,680,442)	140,779	(17,051,943)	-	453,189,401	-	-	-		(49,680,442)	59,000	(779,048)	0	19,751,308	0	0	0	(30,649,182)
102	Sep-18	(52,456,267)	(578,024)	(17,092,988)	-	640,947,777	-	-	-		(52,456,267)	(242,250)	(780,924)	0	27,934,363	0	0	0	(25,545,078)
103	Average	$ (58,280,779)	$ (65,524)	$ (19,795,920)	$ -	$ 581,466,482	$ -	$ -	$ -		$ (58,280,779)	$ (27,582)	$ (903,351)	$ -	$ 25,325,945	$ -	$ -	$ -	$ (33,885,766)

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2018

WP 7-2

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002 - SSU General	Greenville	AEAM	ALGN	Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN	Total Tennessee
										FY17 (Oct)	100%	41.81%	4.52%	1.86%	4.26%	1.29%	5.20%	0.00%	
										FY17 (Nov-Dec)	100%	41.88%	4.52%	1.86%	4.36%	1.29%	5.37%	0.00%	
										FY17 (Jan-Sep)	100%	41.88%	4.52%	1.86%	4.33%	1.29%	5.36%	0.00%	
										FY18	100%	41.91%	4.57%	1.88%	4.36%	1.32%	5.36%	0.00%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
104																			
105	**Accumulated Depreciation (Account 1080)**																		
106																			
107	Sep-17	$ (195,958,040)	$ (1,932,364)	$ (35,771,122)	$ (3,355,814)	$ (81,107,380)	$ (3,420,625)	$ (13,178,424)	$ (2,707,002)		$ (195,958,040)	$ (809,226)	$ (1,616,669)	$ (62,380)	$ (3,515,453)	$ (44,089)	$ (706,957)	$ -	$ (202,712,815)
108	Oct-17	(196,519,380)	(1,936,360)	(36,412,574)	(3,397,264)	(81,962,482)	(3,444,179)	(13,307,495)	(2,807,697)		(196,519,380)	(811,529)	(1,663,573)	(63,793)	(3,572,163)	(45,537)	(712,705)	0	(203,388,680)
109	Nov-17	(197,340,735)	(1,940,356)	(37,054,059)	(3,445,349)	(82,803,108)	(3,467,734)	(13,438,210)	(2,908,392)		(197,340,735)	(813,203)	(1,692,881)	(64,696)	(3,608,800)	(45,848)	(719,706)	0	(204,285,869)
110	Dec-17	(198,200,913)	(1,940,340)	(37,704,729)	(3,491,997)	(83,628,078)	(3,498,662)	(13,578,408)	(3,009,087)		(198,200,913)	(813,196)	(1,722,608)	(65,572)	(3,644,754)	(46,257)	(727,214)	0	(205,220,515)
111	Jan-18	(198,842,933)	(1,944,601)	(38,355,581)	(3,538,878)	(84,460,321)	(3,522,354)	(13,710,531)	(3,109,782)		(198,842,933)	(814,982)	(1,752,343)	(66,453)	(3,681,026)	(46,570)	(734,291)	0	(205,938,598)
112	Feb-18	(199,559,448)	(1,948,863)	(39,006,602)	(3,585,758)	(85,286,250)	(3,546,047)	(13,842,654)	(3,211,389)		(199,559,448)	(816,768)	(1,782,086)	(67,333)	(3,717,022)	(46,884)	(741,367)	0	(206,730,907)
113	Mar-18	(200,111,368)	(1,950,338)	(39,657,591)	(3,632,720)	(86,110,604)	(3,569,761)	(13,974,777)	(3,312,996)		(200,111,368)	(817,387)	(1,811,828)	(68,215)	(3,752,950)	(47,197)	(748,443)	0	(207,357,387)
114	Apr-18	(201,036,837)	(1,954,601)	(40,308,580)	(3,679,632)	(86,934,980)	(3,593,475)	(14,106,944)	(3,414,602)		(201,036,837)	(819,173)	(1,841,569)	(69,096)	(3,788,879)	(47,511)	(755,521)	0	(208,358,586)
115	May-18	(201,861,526)	(1,958,867)	(40,959,601)	(3,726,780)	(87,759,406)	(3,617,230)	(14,239,112)	(3,516,209)		(201,861,526)	(820,961)	(1,871,312)	(69,981)	(3,824,809)	(47,825)	(762,600)	0	(209,259,014)
116	Jun-18	(202,277,082)	(1,963,133)	(41,611,554)	(3,773,954)	(88,614,955)	(3,640,944)	(14,371,277)	(3,617,816)		(202,277,082)	(822,749)	(1,901,098)	(70,867)	(3,862,097)	(48,138)	(769,678)	0	(209,751,709)
117	Jul-18	(202,550,611)	(1,967,688)	(42,263,613)	(3,821,129)	(89,481,810)	(3,664,657)	(14,503,442)	(3,719,422)		(202,550,611)	(824,658)	(1,930,888)	(71,753)	(3,899,877)	(48,452)	(776,756)	0	(210,102,995)
118	Aug-18	(203,174,281)	(1,972,243)	(42,915,892)	(3,868,303)	(90,265,753)	(3,688,371)	(14,709,102)	(3,821,029)		(203,174,281)	(826,567)	(1,960,689)	(72,639)	(3,934,043)	(48,765)	(787,771)	0	(210,804,755)
119	Sep-18	(203,990,589)	(1,976,798)	(41,159,892)	(3,590,271)	(70,427,281)	(3,712,084)	(13,700,515)	(3,922,635)		(203,990,589)	(828,476)	(1,880,463)	(67,418)	(3,069,425)	(49,079)	(733,754)	0	(210,619,203)
120	Average	$ (200,109,519)	$ (1,952,812)	$ (39,475,491)	$ (3,608,296)	$ (84,526,339)	$ (3,568,163)	$ (13,896,992)	$ (3,313,697)		$ (200,109,519)	$ (818,375)	$ (1,802,154)	$ (67,707)	$ (3,682,407)	$ (47,089)	$ (744,366)	$ -	$ (207,271,618)
121																			
122																			
123	**Customers Advances (Account 2520)**																		
124																			
125	Sep-17	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)
126	Oct-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
127	Nov-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
128	Dec-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
129	Jan-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
130	Feb-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
131	Mar-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
132	Apr-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
133	May-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
134	Jun-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
135	Jul-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
136	Aug-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
137	Sep-18	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
138	Average	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2018

WP 7-2

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002 - SSU General	Greenville	AEAM	ALGN	Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN	Total Tennessee
										FY17 (Oct)	100%	41.81%	4.52%	1.86%	4.26%	1.29%	5.20%	0.00%	
										FY17 (Nov-Dec)	100%	41.88%	4.52%	1.86%	4.36%	1.29%	5.37%	0.00%	
										FY17 (Jan-Sep)	100%	41.88%	4.52%	1.86%	4.33%	1.29%	5.36%	0.00%	
										FY18	100%	41.91%	4.57%	1.88%	4.36%	1.32%	5.36%	0.00%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
139																			
140	**Interest on Customer Deposits (Account 2370-26919)**																		
141																			
142	Sep-17	$ (55,077)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (55,077)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (55,077)
143	Oct-17	(59,153)	0	0	0	0	0	0	0		(59,153)	0	0	0	0	0	0	0	(59,153)
144	Nov-17	(62,102)	0	0	0	0	0	0	0		(62,102)	0	0	0	0	0	0	0	(62,102)
145	Dec-17	(64,646)	0	0	0	0	0	0	0		(64,646)	0	0	0	0	0	0	0	(64,646)
146	Jan-18	(68,432)	0	0	0	0	0	0	0		(68,432)	0	0	0	0	0	0	0	(68,432)
147	Feb-18	(39,941)	0	0	0	0	0	0	0		(39,941)	0	0	0	0	0	0	0	(39,941)
148	Mar-18	(46,582)	0	0	0	0	0	0	0		(46,582)	0	0	0	0	0	0	0	(46,582)
149	Apr-18	(52,727)	0	0	0	0	0	0	0		(52,727)	0	0	0	0	0	0	0	(52,727)
150	May-18	(58,437)	0	0	0	0	0	0	0		(58,437)	0	0	0	0	0	0	0	(58,437)
151	Jun-18	(63,710)	0	0	0	0	0	0	0		(63,710)	0	0	0	0	0	0	0	(63,710)
152	Jul-18	(69,126)	0	0	0	0	0	0	0		(69,126)	0	0	0	0	0	0	0	(69,126)
153	Aug-18	(74,185)	0	0	0	0	0	0	0		(74,185)	0	0	0	0	0	0	0	(74,185)
154	Sep-18	(76,961)	0	0	0	0	0	0	0		(76,961)	0	0	0	0	0	0	0	(76,961)
155	Average	$ (60,852)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (60,852)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (60,852)
156																			
157																			
158	**Net elimination of intercompany leased property**																		
159																			
160	Sep-17	$ 5,531,400	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 5,531,400	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,531,400
161	Oct-17	5,514,030	0	0	0	0	0	0	0		5,514,030	0	0	0	0	0	0	0	5,514,030
162	Nov-17	5,496,659	0	0	0	0	0	0	0		5,496,659	0	0	0	0	0	0	0	5,496,659
163	Dec-17	5,479,289	0	0	0	0	0	0	0		5,479,289	0	0	0	0	0	0	0	5,479,289
164	Jan-18	5,461,918	0	0	0	0	0	0	0		5,461,918	0	0	0	0	0	0	0	5,461,918
165	Feb-18	5,444,548	0	0	0	0	0	0	0		5,444,548	0	0	0	0	0	0	0	5,444,548
166	Mar-18	5,427,178	0	0	0	0	0	0	0		5,427,178	0	0	0	0	0	0	0	5,427,178
167	Apr-18	5,409,807	0	0	0	0	0	0	0		5,409,807	0	0	0	0	0	0	0	5,409,807
168	May-18	5,392,436	0	0	0	0	0	0	0		5,392,436	0	0	0	0	0	0	0	5,392,436
169	Jun-18	5,375,066	0	0	0	0	0	0	0		5,375,066	0	0	0	0	0	0	0	5,375,066
170	Jul-18	5,357,696	0	0	0	0	0	0	0		5,357,696	0	0	0	0	0	0	0	5,357,696
171	Aug-18	5,340,325	0	0	0	0	0	0	0		5,340,325	0	0	0	0	0	0	0	5,340,325
172	Sep-18	5,322,955	0	0	0	0	0	0	0		5,322,955	0	0	0	0	0	0	0	5,322,955
173	Average	$ 5,427,177	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 5,427,177	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,427,177

WP 7-3

Tennessee Distribution System
Pension Regulated Asset
Twelve Months Ended May 31, 2020

Line No.				
1	Annual benchmark per Docket 12-00064	2,086,819		
2	Quarterly benchmark	521,705		
3				
4		Contribution	Benchmark	Difference
5	Quarter ended 3/31/13	521,705	521,705	-
6	Quarter ended 6/30/13	641,911	521,705	120,206
7	Quarter ended 9/30/13	1,038,413	521,705	516,708
8	Quarter ended 12/31/13	417,671	521,705	(104,034)
9	Quarter ended 3/30/14	390,181	521,705	(131,524)
10	Quarter ended 6/30/14	1,418,839	521,705	897,134
11		$ 4,428,719	$ 3,130,229	$ 1,298,490
12				
13	Monthly Amortization			
14	2 years amortization			$ 54,104
15				
16		Amortization Expense	Regulated Asset Balance	
17	Sep-15		1,082,075	
18	Oct-15	54,104	1,027,971	
19	Nov-15	54,104	973,868	
20	Dec-15	54,104	919,764	
21	Jan-16	54,104	865,660	
22	Feb-16	54,104	811,556	
23	Mar-16	54,104	757,453	
24	Apr-16	54,104	703,349	
25	May-16	54,104	649,245	
26	Jun-16	54,104	595,141	
27	Jul-16	54,104	541,038	
28	Aug-16	54,104	486,934	
29	Sep-16	54,104	432,830	
30	Oct-16	54,104	378,726	
31	Nov-16	54,104	324,623	
32	Dec-16	54,104	270,519	
33	Jan-17	54,104	216,415	
34	Feb-17	54,104	162,311	
35	Mar-17	54,104	108,208	
36	Apr-17	54,104	54,104	
37	May-17	54,104	-	
38	Jun-17		-	
39	Jul-17		-	
40	Aug-17		-	
41	Sep-17		-	
42	Oct-17		-	
43	Nov-17		-	
44	Dec-17		-	
45	Jan-18		-	
46	Feb-18		-	
47	Mar-18		-	
48	Apr-18		-	
49	May-18		-	
50	Jun-18		-	
51	Jul-18		-	
52	Aug-18		-	
53	Sep-18		-	
54	Oct-18		-	
55	Nov-18		-	
56	Dec-18		-	
57	Jan-19		-	
58	Feb-19		-	
59	Mar-19		-	
60	Apr-19		-	
61	May-19		-	
62	Jun-19		-	
63	Jul-19		-	
64	Aug-19		-	
65	Sep-19		-	
66	Oct-19		-	
67	Nov-19		-	
68	Dec-19		-	
69	Jan-20		-	
70	Feb-20		-	
71	Mar-20		-	
72	Apr-20		-	
73	May-20		-	
74	Annual Amortization	$ -	$ -	13 month average

WP 7-4

Tennessee Distribution System
Accumulated Deferred Income Tax
Shared Services Division 002
Twelve Months Ended May 31, 2020

Line No.	Month	Total SSU 002	Non-regulated NOL[1]	Regulated Utility NOL	Other ADIT	SSU Utilty ADIT
	(a)	(b)	(c)	(d)	(e)	(f)
1	Sep-17	621,073,570	(249,417,047)	782,273,564	88,217,053	870,490,617
2	Oct-17	618,588,704	(249,417,047)	782,273,564	85,732,187	868,005,751
3	Nov-17	618,287,061	(249,417,047)	782,273,564	85,430,544	867,704,108
4	Dec-17	381,635,843	(149,660,042)	480,066,663	51,229,222	531,295,885
5	Jan-18	374,502,493	(149,660,042)	480,066,663	44,095,872	524,162,535
6	Feb-18	371,914,729	(149,660,042)	480,066,663	41,508,108	521,574,771
7	Mar-18	310,582,063	(150,685,633)	425,350,912	35,916,784	461,267,696
8	Apr-18	306,202,776	(150,685,633)	425,350,912	31,537,497	456,888,409
9	May-18	307,437,229	(150,685,633)	425,350,912	32,771,950	458,122,862
10	Jun-18	302,356,570	(151,759,466)	422,509,065	31,606,971	454,116,036
11	Jul-18	299,538,952	(151,759,466)	422,509,065	28,789,353	451,298,418
12	Aug-18	301,429,935	(151,759,466)	422,509,065	30,680,336	453,189,401
13	Sep-18	486,764,912	(154,182,865)	584,225,267	56,722,510	640,947,777
14	Oct-18	486,720,441	(154,182,865)	584,225,267	56,678,039	640,903,306
15	Nov-18	486,677,410	(154,182,865)	584,225,267	56,635,008	640,860,275
16	Dec-18	486,630,926	(154,182,865)	584,225,267	56,588,524	640,813,791
17	Jan-19	486,587,761	(154,182,865)	584,225,267	56,545,359	640,770,626
18	Feb-19	486,544,142	(154,182,865)	584,225,267	56,501,740	640,727,007
19	Mar-19	486,500,464	(154,182,865)	584,225,267	56,458,062	640,683,329
20	Apr-19	486,460,602	(154,182,865)	584,225,267	56,418,200	640,643,467
21	May-19	486,420,046	(154,182,865)	584,225,267	56,377,644	640,602,911
22	Jun-19	486,377,651	(154,182,865)	584,225,267	56,335,249	640,560,516
23	Jul-19	486,337,858	(154,182,865)	584,225,267	56,295,456	640,520,723
24	Aug-19	486,302,542	(154,182,865)	584,225,267	56,260,140	640,485,407
25	Sep-19	486,269,654	(154,182,865)	584,225,267	56,227,252	640,452,519
26	Oct-19	486,163,080	(154,182,865)	584,225,267	56,120,678	640,345,945
27	Nov-19	486,063,193	(154,182,865)	584,225,267	56,020,791	640,246,058
28	Dec-19	486,007,820	(154,182,865)	584,225,267	55,965,418	640,190,685
29	Jan-20	485,946,638	(154,182,865)	584,225,267	55,904,236	640,129,503
30	Feb-20	485,902,958	(154,182,865)	584,225,267	55,860,556	640,085,823
31	Mar-20	485,873,964	(154,182,865)	584,225,267	55,831,562	640,056,829
32	Apr-20	485,850,101	(154,182,865)	584,225,267	55,807,699	640,032,966
33	May-20	485,843,205	(154,182,865)	584,225,267	55,800,803	640,026,070

[1] FD - NOL Credit Carryforward - Non Reg

WP 7-5

Atmos Energy Corporation-Tennessee
Cash Working Capital Lead/Lag Analysis
For Forward Looking Attrition Year Twelve Months Ended May 31, 2020

Line No.		Base Period	Attrition Year
1	Reveune Lag	37.50	37.50
2			
3	Expense Lag	35.18	35.21
4			
5	Net Lag	2.32	2.29
6			
7	Daily Cost of Service	406,097	428,262
8			
9	Cash Working Capital	940,133	979,215

Atmos Energy Corporation-Tennessee
Cash Working Capital Lead/Lag Analysis
For Forward Looking Attrition Year Twelve Months Ended May 31, 2020

Line No.	Description		Attrition Year Expenses	Expense Lag	CWC Requirement (b) x (c)
	(a)		(b)	(c)	(d)
1	Gas Supply Expense				
2	Purchased Gas		72,738,113	39.33	2,860,789,988
3					
4	Operation and Maintenance Expense				
5	O&M, Labor		8,024,872	14.07	112,909,953
6	O&M, Non-Labor		14,154,643	29.44	416,712,681
7	Total O&M Expense		22,179,515		529,622,634
8					
9					
10	Taxes Other Than Income				
11	Ad Valorem		5,526,676	241.50	1,334,692,160
12	State Gross Receipts Tax		962,415	(151.50)	(145,805,873)
13	Payroll Taxes		231,217	15.41	3,562,971
14	Franchise Tax		821,996	37.50	30,824,852
15	TRA Inspection Fee		576,923	272.50	157,211,594
16	DOT		21,740	59.00	1,282,655
17					
18	Allocated Taxes-Shared Services				
19	Ad Valorem	14%	47,313	241.50	11,426,205
20	Payroll Taxes	86%	285,721	15.41	4,402,870
21					
22	Allocated Taxes-Business Unit				
23	Ad Valorem	27%	45,711	241.50	11,039,174
24	Payroll Taxes	73%	125,915	15.41	1,940,314
25	Total Taxes Other Than Income		8,645,628		1,410,576,922
26					
27	Federal Income Tax		*5,848,537*		
28	Current Taxes		-	37.50	-
29	Deferred Taxes		5,848,537	-	-
30					
31	State Excise Tax		*1,936,108*		
32	Current Taxes		-	37.50	-
33	Deferred Taxes		1,936,108	-	-
34					
35	Depreciation		14,833,025	-	-
36					
37	Interest on Customer Deposits		67,879	182.50	12,387,998
38					
39	Interest Expense - LTD		7,625,603	91.25	695,836,302
40					
41	Interest Expense - STD		427,968	24.05	10,292,050
42					
43	Return on Equity		22,441,586	-	-
44					
45					
46	TOTAL		156,743,962	35.21	5,519,505,893
47					
48	Daily Cost of Service		428,262		
49					
50					

WP 7-7

Atmos Energy Corporation-Tennessee
Cash Working Capital Lead/Lag Analysis
For Historic Base Period September 30, 2018

Line No.	Description		Histori Base Period	Expense Lag	CWC Requirement (b) x (c)
	(a)		(b)	(c)	(d)
1	Gas Supply Expense				
2	Purchased Gas		72,738,113	39.33	2,860,789,988
3					
4	Operation and Maintenance Expense				
5	O&M, Labor		7,756,558	14.07	109,134,773
6	O&M, Non-Labor		14,138,919	29.44	416,249,773
7	Total O&M Expense		21,895,477		525,384,546
8					
9					
10	Taxes Other Than Income				
11	Ad Valorem		4,866,094	241.50	1,175,161,607
12	State Gross Receipts Tax		861,666	(151.50)	(130,542,405)
13	Payroll Taxes		219,963	15.41	3,389,562
14	Franchise Tax		821,996	37.50	30,824,852
15	TRA Inspection Fee		527,608	272.50	143,773,199
16	DOT		21,740	59.00	1,282,655
17					
18	Allocated Taxes-Shared Services				
19	Ad Valorem	0%	-	241.50	-
20	Payroll Taxes	100%	279,097	15.41	4,300,788
21					
22	Allocated Taxes-Business Unit				
23	Ad Valorem	36%	146	241.50	35,237
24	Payroll Taxes	64%	255	15.41	3,924
25	Total Taxes Other Than Income		7,598,564		1,228,229,418
26					
27	Federal Income Tax		*5,666,886*		
28	Current Taxes		-	37.50	-
29	Deferred Taxes		5,666,886	-	-
30					
31	State Excise Tax		*1,875,974*		
32	Current Taxes		-	37.50	-
33	Deferred Taxes		1,875,974	-	-
34					
35	Depreciation		13,055,013	-	-
36					
37	Interest on Customer Deposits		74,818	182.50	13,654,347
38					
39	Interest Expense - LTD		6,341,793	91.25	578,688,644
40					
41	Interest Expense - STD		355,917	24.05	8,559,330
42					
43	Return on Equity		18,622,906	-	-
44					
45					
46	TOTAL		148,225,463	35.18	5,215,306,272
47					
48	Daily Cost of Service		406,097		
49					
50					

Tennessee Distribution System
Amortization Schedule of Capitalized Incentive Compensation Adjustment
For Forward Looking Attrition Year Twelve Months Ended May 31, 2020

Line No.	Description	Amounts	Amounts
1	(a)	(b)	(c)
2	Forward Looking Test Year	Rate Base	Depreciation Expense
3			
4	Docket No. 16-00105, 2016 TN ARM Reconciliation Filing Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-16	1,102,469	29,796
5	Docket No. 17-00091, 2017 TN ARM Reconciliation Filing Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-17	1,193,865	29,847
6	Docket No. 18-00097, 2018 TN ARM Reconciliation Filing Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-18	940,489	22,939
7	Docket No. 18-00067, 2018 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-19	843,986	20,095
8	Docket No. 19-XXXXX, 2019 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-20	985,749	22,403
9	Total	$ 5,066,558	$ 125,080
10			
11	Historic Base Period		
12	Docket No. 16-00013, 2016 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-16	$ 1,162,062	$ 29,796
13	Docket No. 17-00012, 2017 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 9-30-17	1,253,558	29,847
14	Docket No. 18-00067, 2018 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 9-30-18	986,367	22,939
15	Total	$ 3,401,987	$ 82,582
16			
17			
18	*Forward Looking Test Year Amounts are for the period of 2020		
19	*Historic Base Period Amounts for the period of 2018		

Tennessee Distribution System
Deferred Regulatory Liability Amortization
Test Year Ending May 31, 2020

ESTIMATED Amortization Period in Years [1] 28

	ADIT Excess Deferred Liabilities	Year Ended September 30, 2018	Excess Deferred Balance	Amortization Expense	Month	Monthly Balance
1	**Account 2530 - 27909**	2018	(29,024,530)	(1,036,590)	Sep-17	-
2		2019	(27,987,939)	(1,036,590)	Oct-17	-
3		2020	(26,951,349)	(1,036,590)	Nov-17	-
4		2021	(25,914,759)	(1,036,590)	Dec-17	(29,321,046)
5		2022	(24,878,168)	(1,036,590)	Jan-18	(29,321,046)
6		2023	(23,841,578)	(1,036,590)	Feb-18	(29,321,046)
7		2024	(22,804,988)	(1,036,590)	Mar-18	(29,164,084)
8		2025	(21,768,397)	(1,036,590)	Apr-18	(29,164,084)
9		2026	(20,731,807)	(1,036,590)	May-18	(29,164,084)
10		2027	(19,695,217)	(1,036,590)	Jun-18	(29,170,189)
11		2028	(18,658,626)	(1,036,590)	Jul-18	(29,170,189)
12		2029	(17,622,036)	(1,036,590)	Aug-18	(29,170,189)
13		2030	(16,585,446)	(1,036,590)	Sep-18	(29,024,530)
14		2031	(15,548,855)	(1,036,590)	Oct-18	(28,938,147)
15		2032	(14,512,265)	(1,036,590)	Nov-18	(28,851,765)
16		2033	(13,475,675)	(1,036,590)	Dec-18	(28,765,382)
17		2034	(12,439,084)	(1,036,590)	Jan-19	(28,679,000)
18		2035	(11,402,494)	(1,036,590)	Feb-19	(28,592,617)
19		2036	(10,365,904)	(1,036,590)	Mar-19	(28,506,235)
20		2037	(9,329,313)	(1,036,590)	Apr-19	(28,419,852)
21		2038	(8,292,723)	(1,036,590)	May-19	(28,333,470)
22		2039	(7,256,132)	(1,036,590)	Jun-19	(28,250,637)
23		2040	(6,219,542)	(1,036,590)	Jul-19	(28,175,141)
24		2041	(5,182,952)	(1,036,590)	Aug-19	(28,106,982)
25		2042	(4,146,361)	(1,036,590)	Sep-19	(28,045,922)
26		2043	(3,109,771)	(1,036,590)	Oct-19	(27,992,199)
27		2044	(2,073,181)	(1,036,590)	Nov-19	(27,945,577)
28		2045	(1,036,590)	(1,036,590)	Dec-19	(27,906,290)
		2046	0.00	(1,036,590)	Jan-20	(27,874,341)
					Feb-20	(27,849,017)
					Mar-20	(27,831,031)
					Apr-20	(27,820,144)
					May-20	(27,816,594)
					13 Mo. Avg	(27,995,950)

Schedule 8

Tennessee Distribution System
Computation of State Excise & Income Taxes
Twelve Months Ended May 31, 2020

Line No.	Description	Tax Rate	Base Period (1)	Attrition Year	Change
	(a)	(b)	(c)	(d)	
2					
3	Required Return		$ 25,205,393	$ 30,307,883	$ 5,102,490
1	Current Return		$ 28,256,688	$ 26,527,002	$ (1,729,686)
4					
5	Pre-Tax Deficiency from Current Return		(3,051,295)	3,780,881	6,832,176
6	Tax Expansion Factor		1.3527	1.3527	
7	After-Tax Deficiency from Current Return		(4,127,487)	5,114,398	9,241,885
8					
9	Tax Liability Increase / Decrease (Ln 7 - Ln 3)		(1,076,192)	1,333,517	2,409,709
10	Current Tax Liability		$ 7,542,860	$ 6,451,128	$ (1,091,732)
11					
12	Income Tax Liability		$ 6,466,668	$ 7,784,645	$ 1,317,977
13					
14	Less: ITC Amortization		-		-
15					
16	Total Income Tax Liability		6,466,668	7,784,645	1,317,977
17					
18	Note:				
19	1. Twelve months ended September 30, 2018				

WP 8-1

Tennessee Distribution System
Amortization of UCG Deferred Utility ITC
Twelve Months Ended May 31, 2020

Line No.	Description	Amortization	Allocation Factor [1]	Tennessee Allocation
	(a)	(b)	(c)	(d)
1	Fiscal year ended September 30, 2011	50,990		
2	Fiscal year ended September 30, 2012	12,229		
3	Fiscal year ended September 30, 2013	5,820		
4	Fiscal year ended September 30, 2014	-		
5				
6	Base Period ended September 30, 2017	-		-
7				
8	Attrition Year ended May 31, 2020	-		-
9				
10	[1] Division 091 - Mid-States General Office allocation factor excluding Kentucky			

WP 8-2

Tennessee Distribution System
Revenue Conversion Factor
Twelve Months Ended May 31, 2020

Line No.		Attrition Year Amount	Balance
1	Operating Revenues		1.000000
2			
3	Add: Forfeited Discounts	0.004931	0.004931
4			
5	Balance		1.004931
6			
7	Uncollectible Ratio	0.004078	0.004098
8			
9	Balance		1.000834
10			
11	State Excise Tax	0.065000	0.065054
12			
13	Balance		0.935779
14			
15	Federal Income Tax	0.210000	0.196514
16			
17	Balance		0.739266
18			
19	Revenue Conversion Factor (Line 1/Line 9)		1.352700

Schedule 9

Tennessee Distribution System
Overall Cost of Capital
Twelve Months Ended May 31, 2020

Line No.	Description	Percent	Cost Rate	Overall Cost of Capital
	(a)	(b)	(c)	(d)
1	Long Term Debt Capital	37.56%	5.22%	1.96%
2	Short Term Debt	4.07%	2.61%	0.11%
3	Equity Capital	58.38%	9.80%	5.72%
4				
5	Total Capital	100.0%		7.79%

WP 9-1

Tennessee Distribution System
Cost of Capital
Twelve Months Ended May 31, 2020

Line No.	Description	September 30, 2018 $	September 30, 2018 %
	(a)	(b)	(c)
1	LT Debt	$ 3,068,665,052	37.56%
2	ST Debt	332,384,179	4.07%
3	Equity	4,769,951,328	58.38%
4			
5	Total Capital	$ 8,171,000,560	100.00%

WP 9-2

Tennessee Distribution System
Cost of Capital- Short Term Debt Rate
Twelve Months Ended May 31, 2020

		Atmos Consolidated Balances			12 Month Avg Atmos Consolidated - calc of STD rate	12 Month Avg		Interest on CP or Interest on Draws on Credit Facilitiy	Commitment Fees on Credit Facility	Bank Fees on AEC Credit Facility With RBS 30121
								Detail of Colm (f) Consolidated Int Exp & Fees		
Line No.	Date	Long-Term Debt	Short-Term Debt	Equity	STD Avg Daily Bal	STD Int Exp & fees	STD avg rate	Int Exp	Commit fees	Utility Bank Admin
	(a)	(b)	(c)	(d)	(e)	(f)	(g)			
1	Sep-17	3,067,045,495	447,745,269	3,898,665,243						
2	Oct-17	3,067,186,078	572,550,585	3,933,727,046	492,516,129	759,849		530,727	131,821	97,301
3	Nov-17	3,067,327,541	657,589,374	3,925,107,994	636,332,033	899,754		674,884	127,568	97,301
4	Dec-17	3,067,468,564	336,816,271	4,563,619,781	384,445,161	677,636		448,514	131,821	97,301
5	Jan-18	3,067,609,587	268,675,525	4,666,561,070	261,155,645	563,862		334,740	131,821	97,301
6	Feb-18	3,067,750,610	215,748,079	4,695,448,924	208,922,143	471,328		254,963	119,064	97,301
7	Mar-18	3,067,891,633	129,601,816	4,721,346,388	133,250,645	427,969		195,328	131,821	100,820
8	Apr-18	3,068,032,657	109,795,722	4,768,024,508	70,122,333	351,221		108,170	127,568	115,483
9	May-18	3,068,173,680	143,846,586	4,738,600,109	99,967,742	415,026		167,723	131,821	115,483
10	Jun-18	3,068,314,703	244,777,193	4,759,551,416	200,466,667	574,974		331,923	127,568	115,483
11	Jul-18	3,068,455,726	324,774,078	4,787,700,136	272,096,774	727,751		480,447	131,821	115,483
12	Aug-18	3,068,596,749	408,654,985	4,744,139,704	357,763,419	876,781		629,477	131,821	115,483
13	Sep-18	3,068,665,052	575,779,937	4,769,951,328	497,683,333	1,109,620		866,569	127,568	115,483
14						7,855,771		5,023,465.39	1,552,080.98	1,280,224.14
15										
16	Average	3,067,886,006	332,384,179	4,536,341,819	301,226,835		2.61%	per STD rpts:	7,855,771	

WP 9-3

Tennessee Distribution System
Cost of Capital- Long Term Debt Rate
Twelve Months Ended May 31, 2020

Line No.	Debt Series (a)	Issued (b)	Outstanding 9/30/2017 (c)	Outstanding 10/31/2017 (d)	Outstanding 11/30/2017 (e)	Outstanding 12/31/2017 (f)	Outstanding 1/31/2018 (g)	Outstanding 2/28/2018 (h)	Outstanding 3/31/2018 (i)	Outstanding 4/30/2018 (j)	Outstanding 5/31/2018 (k)
1	9.40% First Mortgage Bond J due May 2021/RET 2005	04/01/91	-	-	-	-	-	-	-	-	-
2	6.75% Debentures Unsecured due July 2028	07/27/98	150,000,000	150,000,000	150,000,000	150,000,000	150,000,000	150,000,000	150,000,000	150,000,000	150,000,000
3	5.125% Senior Notes due Jan 2013	01/13/03	-	-	-	-	-	-	-	-	-
4	10.43% First Mortgage Bond P due 2017 (eff 2012)	11/01/87	-	-	-	-	-	-	-	-	-
5	9.75% First Mortgage Bond Q due Apr 2020/RET 2005	04/01/90	-	-	-	-	-	-	-	-	-
6	9.32% First Mortgage Bond T due June 2021/RET 2005	06/01/91	-	-	-	-	-	-	-	-	-
7	8.77% First Mortgage Bond U due May 2022/RET 2005	05/01/92	-	-	-	-	-	-	-	-	-
8	6.67% MTN A1 due Dec 2025	12/15/95	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
9	4.95% Sr Note due 10/15/2014	10/22/04	-	-	-	-	-	-	-	-	-
10	5.95% Sr Note due 10/15/2034	10/22/04	200,000,000	200,000,000	200,000,000	200,000,000	200,000,000	200,000,000	200,000,000	200,000,000	200,000,000
11	6.35% Sr Note due 6/15/2017	6/2007	-	-	-	-	-	-	-	-	-
12	Sr Note 5.50% Due 06/15/2041	6/10/2011	400,000,000	400,000,000	400,000,000	400,000,000	400,000,000	400,000,000	400,000,000	400,000,000	400,000,000
13	8.50% Sr Note due 3/15/2019	03/23/09	450,000,000	450,000,000	450,000,000	450,000,000	450,000,000	450,000,000	450,000,000	450,000,000	450,000,000
14	4.15% Sr Note due 1/15/2043	01/15/13	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000
15	4.125% Sr Note due 10/15/2044	10/15/2014	750,000,000	750,000,000	750,000,000	750,000,000	750,000,000	750,000,000	750,000,000	750,000,000	750,000,000
16	Debt Issuance Cost - Amort is pending new debt issue	06/2017	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000	500,000,000
17	March 2019 - Swap Position	03/2019	-	-	-	-	-	-	-	-	-
18	$200MM 3YR. Sr Credit Facility (Established 9/22/16)		125,000,000	125,000,000	125,000,000	125,000,000	125,000,000	125,000,000	125,000,000	125,000,000	125,000,000
19	Subtotal -- Utility Long-Term Debt		$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000
20											
21	Atmos Leasing, Inc.										
22	Industrial Develop Revenue Bond 07/13	1991	-	-	-	-	-	-	-	-	-
23	**Total Long-Term Debt**		3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000
24	Less Unamortized Debt Discount		$ (4,384,143)	$ (4,388,700)	$ (4,393,258)	$ (4,397,815)	$ (4,402,372)	$ (4,406,929)	$ (4,411,486)	$ (4,416,043)	$ (4,420,600)
	Less Unamortized Debt Expense		$ 22,338,649	$ 22,202,623	$ 22,065,717	$ 21,929,251	$ 21,792,785	$ 21,656,319	$ 21,519,853	$ 21,383,387	$ 21,246,921
25	Annualized Amortization of T-Lock Settlement, Debt Exp. & Debt Disct.										
26											
27	Effective Avg Cost of Consol Debt										

WP 9-3

Tennessee Distribution System
Cost of Capital- Long Term Debt Rate
Twelve Months Ended May 31, 2020

Line No.	Debt Series	Issued	Outstanding 6/30/2018	Outstanding 7/31/2018	Outstanding 8/31/2018	Outstanding 9/30/2018	End Int Rate	Annual Int at 9/30/2018		Annualized 4270 Amort for T-lock	Annualized 4280-81 Amort Debt Exp&Dsct	Exp 1810 Penalty 1890 Dsct 2260 9/30/2018
	(a)	(b)	(l)	(m)	(n)	(o)	(p)	(q)	(r) (v)	(w)	(x)	(y)
1	9.40% First Mortgage Bond J due May 2021/RET 2005	04/01/91	-	-	-	-	9.40%	0		0	560,395	1,447,694
2	6.75% Debentures Unsecured due July 2028	07/27/98	150,000,000	150,000,000	150,000,000	150,000,000	6.75%	10,125,000		0	99,938	979,039
3	5.125% Senior Notes due Jan 2013	01/13/03	-	-	-	-	5.13%	0		0	0	0
4	10.43% First Mortgage Bond P due 2017 (eff 2012)	11/01/87	-	-	-	-	10.43%	0		0	0	0
5	9.75% First Mortgage Bond Q due Apr 2020/RET 2005	04/01/90	-	-	-	-	9.75%	0		0	337,580	534,503
6	9.32% First Mortgage Bond T due June 2021/RET 2005	06/01/91	-	-	-	-	9.32%	0		0	362,749	967,324
7	8.77% First Mortgage Bond U due May 2022/RET 2005	05/01/92	-	-	-	-	8.77%	0		0	368,718	1,321,244
8	6.67% MTN A1 due Dec 2025	12/15/95	10,000,000	10,000,000	10,000,000	10,000,000	6.67%	667,000		0	7,777	56,059
9	4.95% Sr Note due 10/15/2014	10/22/04	-	-	-	-	4.950%	0		0	0	0
10	5.95% Sr Note due 10/15/2034	10/22/04	200,000,000	200,000,000	200,000,000	200,000,000	5.95%	11,900,000		(7,047)	115,722	1,857,844
11	6.35% Sr Note due 6/15/2017	6/2007	-	-	-	-	4.30%	0		0	0	72,720
12	Sr Note 5.50% Due 06/15/2041	6/10/2011	400,000,000	400,000,000	400,000,000	400,000,000	5.50%	22,000,000		(669,302)	186,862	4,235,484
13	8.50% Sr Note due 3/15/2019	03/23/09	450,000,000	450,000,000	450,000,000	450,000,000	8.50%	38,250,000		(77,734)	1,161,167	580,585
14	4.15% Sr Note due 1/15/2043	01/15/13	500,000,000	500,000,000	500,000,000	500,000,000	4.15%	20,750,000		2,220,857	378,075	9,182,893
15	4.125% Sr Note due 10/15/2044	10/15/2014	750,000,000	750,000,000	750,000,000	750,000,000	4.13%	30,937,500		908,016	(43,554)	(1,135,552)
16	Debt Issuance Cost - Amort is pending new debt issue	06/2017	500,000,000	500,000,000	500,000,000	500,000,000	3.00%	15,000,000		0	555,072	4,833,752
17	March 2019 - Swap Position	03/2019	-	-	-	-		0		0	0	0
18	$200MM 3YR. Sr Credit Facility (Established 9/22/16)		125,000,000	125,000,000	125,000,000	125,000,000	3.21%	4,012,500		0	(4,334)	113,025
19	Subtotal -- Utility Long-Term Debt		$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000		$ 153,642,000		$ 2,374,790	$ 4,086,168	$ 25,046,611
20												
21	Atmos Leasing, Inc.											
22	Industrial Develop Revenue Bond 07/13	1991	-	-	-	-	7.90%	-		0	0	0
23	**Total Long-Term Debt**		3,085,000,000	3,085,000,000	3,085,000,000	3,085,000,000		$ 153,642,000				
24	Less Unamortized Debt Discount		$ (4,425,158)	$ (4,429,715)	$ (4,434,272)	$ (4,438,829)				$ 2,374,790	$ 4,086,168	$ 25,046,611
	Less Unamortized Debt Expense		$ 21,110,455	$ 20,973,989	$ 20,837,523	$ 20,773,777						
25	Annualized Amortization of T-Lock Settlement, Debt Exp. & Debt Disct.							$ 6,460,959				
26						$ 3,068,665,052		$ 160,102,959				
27	Effective Avg Cost of Consol Debt						**5.22%**	end of period				

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Schedule 10

Tennessee Distribution System
Rate of Return
Twelve Months Ended May 31, 2020

Line No.	Description	Reference	Historic Base Period (1)	Change	Attrition Year	Ratemaking Adjustments	Current Rate of Return
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Total Revenues	Sch. 2	$ 150,895,047	$ 306,549	$ 151,201,596	$ -	$ 151,201,596
2							
3	Gas Cost	Sch. 3	72,738,113	-	72,738,113	-	72,738,113
4							
5	Operation & Maintenance Expense	Sch. 4	21,895,477	284,038	22,179,515	-	22,179,515
6							
7	Taxes Other Than Income Taxes	Sch. 5	7,598,564	1,047,063	8,645,628	-	8,645,628
8							
9	Depreciation & Amortization Expense	Sch. 6	13,055,013	1,903,092	14,958,105	(125,080)	14,833,025
10							
11	Federal Income and State Excise Tax	Wp 10-1	7,542,860	(1,124,350)	6,418,510	32,618	6,451,128
12							
13	Interest on Customer Deposits	Wp 1-1	49,024	18,855	67,879	-	67,879
14							
15	AFUDC Interest credit	Wp 1-2	(240,693)	-	(240,693)	-	(240,693)
16							
17	Return on Rate Base		$ 28,256,688	$ (1,822,149)	$ 26,434,539	$ 92,462	$ 26,527,002
18							
19	Total Rate Base	Sch. 7	$ 323,560,885	$ 65,487,298	$ 389,048,183	$ 13,210	$ 389,061,393
20							
21	Rate of Return on Rate Base		8.73%		6.79%		6.82%
22							
23	Interest Expense	Sch. 8	6,697,710	1,355,587	8,053,297	273	8,053,571
24							
25							
26	Return on Equity		$ 21,558,978		$ 18,381,242		$ 18,473,431
27							
28	Rate of Return on Equity		11.41%		8.09%		8.13%
29							
30	Note:						
31	1. Twelve months ended September 30, 2018						

Wp 10-1

Tennessee Distribution System
Computation of State Excise and Federal Income Taxes for Sch 10
Twelve Months Ended May 31, 2020

Line	Description	Tax Rate	Historic Base Period (1)	Projected Amount	Adjusted Amount
	(a)	(b)	(c)	(d)	(e)
1	Net Operating Income Before Income Tax		$ 35,558,855	$ 32,612,356	$ 32,737,436
2					
3	Interest Deduction		6,697,710	8,053,297	8,053,571
4					
5	Equity Portion of Return		$ 28,861,144	$ 24,559,059	$ 24,683,865
6					
7	Application of Tax Rate to Equity Return - Tennessee	6.5%	1,875,974	1,596,339	1,604,451
8					
9	Application of Tax Rate to Equity Return - Federal	21%	5,666,886	4,822,171	4,846,677
10					
11	Income Tax Expense		$ 7,542,860	$ 6,418,510	$ 6,451,128
12					
13	Less: ITC Amortization		-	-	-
14					
15	Total Income Tax Liability		$ 7,542,860	$ 6,418,510	$ 6,451,128
16					
17	Note:				
18	1. Twelve months ended September 30, 2018				

Schedule 11-1

Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Historic Base Period Margin at Present Rates
Actual Twelve Months Ended September 30, 2018

Line No.	Description	12 Mths Ended Sep 18 Base Count	12 Mths Ended Sep 18 Volumes Mcf	Rates effective Sep 18 Monthly Customer chg	Rates effective Sep 18 Commodity Charge/Mcf	12 mths Sep18 Margin at Sep18 rates	Weather Adjustment Volumes Mcf	12 mths Sep18 WNA Adjusted Volumes Mcf	12 mths Sep18 Weather adj Margin at Sep18 rates	12 mths Sep18 WNA $ Adj at Sep18 rates
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	RESIDENTIAL									
2	210 Residential Gas Service (Summer)	640,540	981,088	$16.65	$1.291	11,931,575		981,088	11,931,575	$0
3	210 Residential Gas Service (Winter) (weather sensitive)	894,302	7,032,718	$18.65	$1.291	25,757,971	39,501	7,072,219	25,808,967	$50,996
4	210 Residential Gas Service Senior Citizen (Summer)	488	443	$0.00	$1.291	571		443	571	$0
5	210 Residential Gas Service Senior Citizen (Winter) (wea	691	5,015	$0.00	$1.291	6,474		5,015	6,474	$0
6	211 Residential/Sm. Commericial/Industrial Heating & Co	15	281	$15.75	$0.788	458	2	283	459	$2
7	Total Residential	1,536,036	8,019,544			37,697,049	39,503	8,059,047	37,748,046	50,997
8										
9	COMMERCIAL									
10	211 Residential/Sm. Commericial/Industrial Heating & Co	12	133	15.75	0.788	293		133	293	$0
11	220 Commercial Gas Service (weather sensitive)	199,204	5,495,255	39.00	2.607	22,095,085	23,199	5,518,454	22,155,566	$60,480
12	230 Large Commercial Gas Service (weather sensitive)	0	0	420.00	2.285	0	0	0	0	$0
13	250 Commercial Interruptible Gas Service			440.00		0		0	0	
14	Block 1 Volumes				1.281	0		0	0	
15	Block 2 Volumes				0.848	0		0	0	
16	Block 3 Volumes				0.393	0		0	0	
17	293 Large Tonnage Air Conditioning Gas Service	12		39.00		468		0	468	
18	Block 1 Volumes		8,996		1.281	11,524		8,996	11,524	
19	Block 2 Volumes		1,683		0.848	1,427		1,683	1,427	
20	Block 3 Volumes		0		0.393	0		0	0	
21	Total Commercial	199,228	5,506,066			22,108,797	23,199	5,529,265	22,169,278	60,480
22										
23	INDUSTRIAL									
24	220 Industrial Gas Service (weather sensitive)	3,844	701,364	39.00	2.607	1,978,372	2,961	704,325	1,986,091	$7,719
25	230 Large Industrial Gas Service	74	47,783	420.00	2.285	140,264		47,783	140,264	
26	240 DEMAND/COMM GS	0		440.00		0		0	0	
27	Block 1 Volumes		0		1.281	0		0	0	
28	Block 2 Volumes		0		0.848	0		0	0	
29	Block 3 Volumes		0		0.393	0		0	0	
30	Demand Volumes		0		16.283	0		0	0	
31	250 Industrial Interruptible Gas Service	291		440.00		128,040		0	128,040	
32	Block 1 Volumes		277,417		1.281	355,371		277,417	355,371	
33	Block 2 Volumes		569,158		0.848	482,646		569,158	482,646	
34	Block 3 Volumes		74,718		0.393	29,364		74,718	29,364	
35	250/240/280 Industrial/Demand/Economic Dev	0		440.00		0		0	0	
36	Block 1 Volumes		0		1.281	0		0	0	
37	Block 1 Volumes @ Discount Rate		0		0.961	0		0	0	
38	Block 2 Volumes		0		0.848	0		0	0	
39	Block 2 Volumes @ Discount Rate		0		0.636	0		0	0	
40	Block 3 Volumes		0		0.393	0		0	0	
41	Block 3 Volumes @ Discount Rate		0		0.295	0		0	0	
42	Demand Volumes		0		16.283	0		0	0	
43	Demand Volumes @ Discount Rate		0		12.212	0		0	0	
44	280/250 Economic Development Gas Service	12		440.00		5,280		0	5,280	
45	Block 1 Volumes		0		1.281	0		0	0	
46	Block 1 Volumes @ Discount Rate		23,899		0.961	22,961		23,899	22,961	
47	Block 2 Volumes		0		0.848	0		0	0	
48	Block 2 Volumes @ Discount Rate		17,204		0.636	10,941		17,204	10,941	
49	Block 3 Volumes		0		0.393	0		0	0	
50	Block 3 Volumes @ Discount Rate		0		0.295	0		0	0	
51	292 Cogeneration, CNG, Prime Movers Service	12		39.00		468		0	468	
52	Block 1 Volumes		0		1.281	0		0	0	
53	Block 2 Volumes		0		0.848	0		0	0	
54	Block 3 Volumes		0		0.393	0		0	0	
55	Total Industrial	4,233	1,711,542			3,153,708	2,961	1,714,503	3,161,427	7,719
56										
57	PUBLIC AUTHORITY									
58	211 Residential/Sm. Commericial/Industrial Heating & Co	0	0	15.75	$0.788	0		0	0	$0
59	221 Experimental School Gas Service	36	25,074	39.00	1.267	33,173	106	25,180	33,307	$134
60	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	0.00	1.291	0		0	0	$0
61	225 Public Authority Gas Service (Sr. Citizen) (Winter)	0	0	0.00	1.291	0		0	0	$0
62	225 Public Authority Gas Service (Summer)	3,716	6,560	16.65	1.291	70,340		6,560	70,340	$0
63	225 Public Authority Gas Service (Winter)	5,201	31,944	18.65	1.291	138,239	190	32,134	138,483	245
64	Total Public Authority	8,953	63,578			241,752	296	63,874	242,131	379
65										
66	TRANSPORTATION									
67	260 - TRANSP (220 SML COM/INDG)	132	148,601	440.00	2.607	445,483		148,601	445,483	
68	260 - TRANSP (230 LRG COM/INDG)	521	1,459,221	440.00	2.285	3,563,561		1,459,221	3,563,561	
69	260 - TRANSP (240 DEMAND)	60		440.00		26,400		0	26,400	
70	Block 1 Volumes		120,000		1.281	153,720		120,000	153,720	
71	Block 2 Volumes		274,654		0.848	232,907		274,654	232,907	
72	Block 3 Volumes		0		0.393	0		0	0	
73	Demand Volumes		21,838		16.283	355,595		21,838	355,595	
74	260 - TRANSP (250 OPT GS)	637		440.00		280,280		0	280,280	
75	Block 1 Volumes		1,214,044		1.281	1,555,191		1,214,044	1,555,191	
76	Block 2 Volumes		4,285,655		0.848	3,634,235		4,285,655	3,634,235	
77	Block 3 Volumes		116,405		0.393	45,747		116,405	45,747	
78	260 - TRANSP (280/240 ECON DEV/DEMAND)	0		440.00		0		0	0	
79	Block 1 Volumes		0		1.281	0		0	0	
80	Block 1 Volumes @ Discount Rate		0		0.961	0		0	0	
81	Block 2 Volumes		0		0.848	0		0	0	
82	Block 2 Volumes @ Discount Rate		0		0.636	0		0	0	
83	Block 3 Volumes		0		0.393	0		0	0	
84	Block 3 Volumes @ Discount Rate		0		0.295	0		0	0	
85	Demand Volumes		0		16.283	0		0	0	
86	Demand Volumes @ Discount Rate		0		12.212	0		0	0	
87	260 - TRANSP (280/250 ECON DEV - OPT GS)	13		440.00		5,720		0	5,720	
88	Block 1 Volumes		26,000		1.281	33,306		26,000	33,306	
89	Block 1 Volumes @ Discount Rate		0		0.961	0		0	0	
90	Block 2 Volumes		295,289		0.848	250,405		295,289	250,405	
91	Block 2 Volumes @ Discount Rate		54,448		0.636	34,629		54,448	34,629	
92	Block 3 Volumes		0		0.393	0		0	0	
93	Block 3 Volumes @ Discount Rate		58,141		0.295	17,137		58,141	17,137	
94	SPECIAL CONTRACTS	36	3,201,690			1,073,096		3,201,690	1,073,096	
95	Total Transportation	1,399	11,254,149			11,707,411	0	11,254,149	11,707,411	0
96										
97	TOTALS	1,749,849	26,554,879			$74,908,717	65,959	26,620,837	$75,028,293	$119,576
98										
99	4870 - Forfeited Discount					$791,453			$791,453	
100	4880 - Miscellaneous Service charges					$426,897			426,897	
101	TOTAL MARGIN REVENUES					$76,127,066			$76,246,642	

Schedule 11-2

Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Forward Looking Test Year Margin at Present Rates
Historic Base Period Ended September 30, 2018 and Forward Looking Test Year Ended May 31, 2020

										210,211,225	2.32%	0.00%			
										220,221,230C	1.22%	0.00%			
		12 Mths Ended Sep 18		Rates effective Sep 18		12 mths Sep18	N	Customer Changes		Customer Growth		Declining	Adjusted	Adjusted	Total
Line		Base	Weather Adj.	Monthly	Commodity	Weather adj Margin	O	Base	Volumes	Base	Volumes	Usage	Base	Volumes	Adjusted
No.	Description	Count	Vol Mcf	Customer chg	Charge/Mcf	at Sep18 rates	T E	Count	Mcf	Count	Mcf	Volumes Mcf	Count	Mcf	Margin Rev
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	RESIDENTIAL														
2	210 Residential Gas Service (Summer)	640,540	981,088	$16.65	$1.291	$11,931,575				24,794	37,976	0	665,334	1,019,063	$12,393,419
3	210 Residential Gas Service (Winter) (weather sensitive)	894,302	7,072,219	$18.65	$1.291	25,808,967				34,616	273,749	0	928,918	7,345,968	26,807,971
4	210 Residential Gas Service Senior Citizen (Summer)	488	443	$0.00	$1.291	571				19	17	0	507	460	593
5	210 Residential Gas Service Senior Citizen (Winter) (weather se	691	5,015	$0.00	$1.291	6,474				27	194	0	718	5,209	6,724
6	211 Residential/Sm. Commericial/Industrial Heating & Cooling S	15	283	$15.75	$0.788	459				1	11	0	16	294	477
7	Total Residential	1,536,036	8,059,047			37,748,046		0	0	59,456	311,947	0	1,595,492	8,370,993	39,209,184
8															
9	COMMERCIAL														
10	211 Residential/Sm. Commericial/Industrial Heating & Cooling S	12	133	15.75	0.788	293				0	5		12	138	305
11	220 Commercial Gas Service (weather sensitive)	199,204	5,518,454	39.00	2.607	22,155,566				4,064	112,584	0	203,268	5,631,038	22,607,568
12	230 Large Commercial Gas Service (weather sensitive)	0	0	420.00	2.285	0							0	0	0
13	250 Commercial Interruptible Gas Service	0		440.00		0							0	0	0
14	Block 1 Volumes		0		1.281	0							0	0	0
15	Block 2 Volumes		0		0.848	0							0	0	0
16	Block 3 Volumes		0		0.393	0							0	0	0
17	293 Large Tonnage Air Conditioning Gas Service	12		39.00		468							12	0	468
18	Block 1 Volumes		8,996		1.281	11,524							0	8,996	11,524
19	Block 2 Volumes		1,683		0.848	1,427							0	1,683	1,427
20	Block 3 Volumes		0		0.393	0							0	0	0
21	Total Commercial	199,228	5,529,265			22,169,278		0	0	4,064	112,589	0	203,292	5,641,854	22,621,291
22															
23	INDUSTRIAL														
24	220 Industrial Gas Service (weather sensitive)	3,844	704,325	39.00	2.607	1,986,091		(9)	(32,836)	78	13,699		3,913	685,188	1,938,903
25	230 Large Industrial Gas Service	74	47,783	420.00	2.285	140,264		0	0				74	47,783	140,264
26	240 DEMAND/COMM GS	0		440.00		0							0	0	0
27	Block 1 Volumes		0		1.281	0							0	0	0
28	Block 2 Volumes		0		0.848	0							0	0	0
29	Block 3 Volumes		0		0.393	0							0	0	0
30	Demand Volumes		0		16.283	0							0	0	0
31	250 Industrial Interruptible Gas Service	291		440.00		128,040		0					291	0	128,040
32	Block 1 Volumes		277,417		1.281	355,371			0				0	277,417	355,371
33	Block 2 Volumes		569,158		0.848	482,646			0				0	569,158	482,646
34	Block 3 Volumes		74,718		0.393	29,364			0				0	74,718	29,364
35	250/240/280 Industrial/Demand/Economic Dev	0		440.00		0		0					0	0	0
36	Block 1 Volumes		0		1.281	0			0				0	0	0
37	Block 1 Volumes @ Discount Rate		0		0.961	0			0				0	0	0
38	Block 2 Volumes		0		0.848	0			0				0	0	0
39	Block 2 Volumes @ Discount Rate		0		0.636	0			0				0	0	0
40	Block 3 Volumes		0		0.393	0			0				0	0	0
41	Block 3 Volumes @ Discount Rate		0		0.295	0			0				0	0	0
42	Demand Volumes		0		16.283	0			0				0	0	0
43	Demand Volumes @ Discount Rate		0		12.212	0			0				0	0	0
44	280/250 Economic Development Gas Service	12		440.00		5,280		0					12	0	5,280
45	Block 1 Volumes		0		1.281	0			0				0	0	0
46	Block 1 Volumes @ Discount Rate		23,899		0.961	22,961			0				0	23,899	22,961
47	Block 2 Volumes		0		0.848	0			0				0	0	0
48	Block 2 Volumes @ Discount Rate		17,204		0.636	10,941			0				0	17,204	10,941
49	Block 3 Volumes		0		0.393	0			0				0	0	0
50	Block 3 Volumes @ Discount Rate		0		0.295	0			0				0	0	0
51	292 Cogeneration, CNG, Prime Movers Service	12		39.00		468		0					12	0	468
52	Block 1 Volumes		0		1.281	0			0				0	0	0
53	Block 2 Volumes		0		0.848	0			0				0	0	0
54	Block 3 Volumes		0		0.393	0			0				0	0	0
55	Total Industrial	4,233	1,714,503			3,161,427		(9)	(32,836)	78	13,699	0	4,302	1,695,367	3,114,238
56															
57	PUBLIC AUTHORITY														
58	211 Residential/Sm. Commericial/Industrial Heating & Cooling S	0	0	15.75	0.788	0							0	0	0
59	221 Experimental School Gas Service	36	25,180	39.00	1.267	33,307				1	514		37	25,694	33,986
60	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	0.00	1.291	0							0	0	0
61	225 Public Authority Gas Service (Sr. Citizen) (Winter) (weather	0	0	0.00	1.291	0							0	0	0
62	225 Public Authority Gas Service (Summer)	3,716	6,560	16.65	1.291	70,340				144	254		3,860	6,814	73,063
63	225 Public Authority Gas Service (Winter) (weather Sensitive)	5,201	32,134	18.65	1.291	138,483				201	1,244		5,402	33,378	143,844
64	Total Public Authority	8,953	63,874			242,131		0	0	346	2,011	0	9,299	65,885	250,893
65															
66	TRANSPORTATION														
67	260 - TRANSP (220 SML COM/INDG)	132	148,601	440.00	2.607	445,483		0	0				132	148,601	445,483
68	260 - TRANSP (230 LRG COM/INDG)	521	1,459,221	440.00	2.285	3,563,561		22	35,270				543	1,494,492	3,653,833
69	260 - TRANSP (240 DEMAND)	60		440.00		26,400		0					60	0	26,400
70	Block 1 Volumes		120,000		1.281	153,720			0				0	120,000	153,720
71	Block 2 Volumes		274,654		0.848	232,907			0				0	274,654	232,907
72	Block 3 Volumes		0		0.393	0			0				0	0	0
73	Demand Volumes		21,838		16.283	355,595			(922)				0	20,916	340,575
74	260 - TRANSP (250 OPT GS)	637		440.00		280,280		13					650	0	286,000
75	Block 1 Volumes		1,214,044		1.281	1,555,191			42,072				0	1,256,116	1,609,084
76	Block 2 Volumes		4,285,655		0.848	3,634,235			891,325				0	5,176,979	4,390,078
77	Block 3 Volumes		116,405		0.393	45,747			171,308				0	287,713	113,071
78	260 - TRANSP (280/240 ECON DEV/DEMAND)	-		440.00		0		0					0	0	0
79	Block 1 Volumes		0		1.281	0			0				0	0	0
80	Block 1 Volumes @ Discount Rate		0		0.961	0			0				0	0	0
81	Block 2 Volumes		0		0.848	0			0				0	0	0
82	Block 2 Volumes @ Discount Rate		0		0.636	0			0				0	0	0
83	Block 3 Volumes		0		0.393	0			0				0	0	0
84	Block 3 Volumes @ Discount Rate		0		0.295	0			0				0	0	0
85	Demand Volumes		0		16.283	0			0				0	0	0
86	Demand Volumes @ Discount Rate		0		12.212	0			0				0	0	0
87	260 - TRANSP (280/250 ECON DEV - OPT GS)	13		440.00		5,720		(13)					0	0	0
88	Block 1 Volumes		26,000		1.281	33,306			(26,000)				0	0	0
89	Block 1 Volumes @ Discount Rate		0		0.961	0			0				0	0	0
90	Block 2 Volumes		295,289		0.848	250,405			(295,289)				0	0	0
91	Block 2 Volumes @ Discount Rate		54,448		0.636	34,629			(54,448)				0	0	0
92	Block 3 Volumes		0		0.393	0			0				0	0	0
93	Block 3 Volumes @ Discount Rate		58,141		0.295	17,137			(58,141)				0	0	0
94	SPECIAL CONTRACTS	36	3,201,690			1,073,096		(12)	(680,218)				24	2,521,472	836,241
95	Total Transportation	1,399	11,254,149			11,707,411		10	25,878	0	0	0	1,409	11,280,026	12,087,393
96															
97	TOTALS	1,749,849	26,620,837			$75,028,293		1	(6,958)	63,945	440,246	0	1,813,795	27,054,125	$77,283,000
98															
99	4870 - Forfeited Discount					791,453									$745,643
100	4880 - Miscellaneous Service charges					426,897									434,840
101	TOTAL MARGIN REVENUES					$76,246,642									$78,463,483

Schedule 11-3

Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Rate Design
Historic Base Period Ended September 30, 2018 and Forward Looking Test Year Ended May 31, 2020

Additional Revenue: 23,824

Line No.	Description	Rates effective Sep18 Monthly Customer chg	Commodity Charge/Mcf	Adjusted Base Count	Adjusted Volumes Mcf	Total Adjusted Margin Rev	Cust Charge Rev	Commodity Charge Rev	Cust Charge %	Commodity Charge %	% of Total Rev	Allocated Amount of Increase	Proposed Cust Charge	Proposed Commodity Charge	Proposed Cust Rev	Proposed Commodity Rev	Total	Cust Charge %	Commodity Charge %	% of Total Rev
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
1	Rate Schedule 210/225																			
2	210/225 SUMMER	$16.65	$1.291	669,194	1,025,877	$12,466,481	$11,142,074	$1,324,407					16.65	1.292	$11,142,074	$1,325,914	12,467,988			
3	210/225 WINTER (weather sensitive)	$18.65	$1.291	934,321	7,379,345	26,951,815	$17,425,080	$9,526,735					18.65	1.292	$17,425,080	$9,537,569	26,962,649			
4	210/225 SR CIT	$0.00	$1.291	1,225	5,668	7,318	$0	$7,318					0.00	1.292	$0	$7,326	7,326			
5	Total 210/225			1,604,739	8,410,891	39,425,614	28,567,154	10,858,460	72%	28%	51.80%	12,342			28,567,154	10,870,809	39,437,963	72%	28%	51.80%
6																				
7	Rate Schedule 211																			
8	211 HVAC	$15.75	$0.788	28	432	782	$442	$340	56%	44%	0.00%	0	15.75	0.789	$442	$341	782	56%	44%	0.00%
9																				
10	Rate Schedule 220																			
11	220 Commercial / Industrial Gas Service	$39.00	$2.607	207,181	6,316,226	24,546,470	$8,080,069	$16,466,401	33%	67%			39.00	2.608	$8,080,069	$16,474,049	24,554,118	33%	67%	
12	220 Transportation	$440.00	$2.607	132	148,601	445,483	$58,080	$387,403	13%	87%			440.00	2.608	$58,080	$387,582	445,662	13%	87%	
13	Total 220			207,313	6,464,827	24,991,953	8,138,149	16,853,804	33%	67%	32.84%	7,823			8,138,149	16,861,632	24,999,781	33%	67%	32.84%
14																				
15	Rate Schedule 221																			
16	221 Experimental School Gas Service	$39.00	$1.267	37	25,694	33,986	$1,433	$32,554	4%	96%	0.04%	11	39.00	1.267	$1,433	$32,566	33,999	4%	96%	0.04%
17																				
18	Rate Schedule 230																			
19	230 Large Commercial / Industrial Gas Service	$420.00	$2.285	74	47,783	140,264	$31,080	$109,184	22%	78%			420.00	2.286	$31,080	$109,221	140,301	22%	78%	
20	230 Transportation	$440.00	$2.285	543	1,494,492	3,653,833	$238,920	$3,414,913	7%	93%			440.00	2.286	$238,920	$3,416,065	3,654,985	7%	93%	
21	Total 230			617	1,542,274	3,794,097	270,000	3,524,097	7%	93%	4.99%	1,188			270,000	3,525,286	3,795,286	7%	93%	4.99%
22																				
23	Rate Schedule 240/250/280/292/293																			
24	240 Demand/Commodity Gas Service	$440.00		60		26,400	$26,400						440.00		$26,400		26,400			
25	Block 1 Volumes		$1.281		120,000	153,720		$153,720						1.281		$153,765	153,765			
26	Block 2 Volumes		$0.848		274,654	232,907		$232,907						0.848		$232,989	232,989			
27	Block 3 Volumes		$0.393		0	0		$0						0.393		$0	0			
28	250 Interruptible Gas Service	$440.00		941		414,040	$414,040						440.00		$414,040		414,040			
29	Block 1 Volumes		$1.281		1,533,533	1,964,456		$1,964,456						1.281		$1,965,035	1,965,035			
30	Block 2 Volumes		$0.848		5,746,138	4,872,725		$4,872,725						0.848		$4,874,449	4,874,449			
31	Block 3 Volumes		$0.393		362,430	142,435		$142,435						0.393		$142,486	142,486			
32	280 ECON DEV - OPT GS	$440.00		12		5,280	$5,280						440.00		$5,280		5,280			
33	Block 1 Volumes		$1.281		0	0		$0						1.281		$0	0			
34	Block 1 Volumes @ Discount Rate		$0.961		23,899	22,961		$22,961						0.961		$22,968	22,968			
35	Block 2 Volumes		$0.848		0	0		$0						0.848		$0	0			
36	Block 2 Volumes @ Discount Rate		$0.636		17,204	10,941		$10,941						0.636		$10,945	10,945			
37	Block 3 Volumes		$0.393		0	0		$0						0.393		$0	0			
38	Block 3 Volumes @ Discount Rate		$0.29		0	0		$0						0.295		$0	0			
39	292 Cogeneration, CNG, Prime Movers Service	$39.00		12		468	$468						39.00		$468		468			
40	Block 1 Volumes		$1.281		0	0		$0						1.281		$0	0			
41	Block 2 Volumes		$0.848		0	0		$0						0.848		$0	0			
42	Block 3 Volumes		$0.393		0	0		$0						0.393		$0	0			
43	293 Large Tonnage Air Conditioning Gas Service	$39.00		12		468	$468						39.00		$468		468			
44	Block 1 Volumes		$1.281		8,996	11,524		$11,524						1.281		$11,527	11,527			
45	Block 2 Volumes		$0.848		1,683	1,427		$1,427						0.848		$1,427	1,427			
46	Block 3 Volumes		$0.393		0	0		$0						0.393		$0	0			
47	Total 240/250/280/292/293			1,037	8,088,536	7,859,751	446,656	7,413,095	6%	94%	10.33%	2,460			$446,656	$7,415,591	7,862,247	6%	94%	10.33%
48																				
49	TOTALS			1,813,771	24,532,654	76,106,183	37,423,833	38,682,350	49%	51%	100.00%	23,824			37,423,833	38,706,223	76,130,057	49%	51%	100.00%

Schedule 11-4

Atmos Energy Corp - Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Summary Of Present And Proposed Rates
Forward Looking Test Year Ended May 31, 2020

	Current Rate Monthly	Proposed Rate Monthly
Sales and Transportation Revenues:		
210 Residential Gas Service (WINTER)		
Customer Charge	$18.65	$18.65
Commodity Charge	$1.291	$1.292
210 Residential Gas Service (SUMMER)		
Customer Charge	$16.65	$16.65
Commodity Charge	$1.291	$1.292
211 Residential & Small Commercial/Industrial Heating & Cooling		
Customer Charge	$15.75	$15.75
Commodity Charge	$0.788	$0.789
220 Commercial & Industrial Gas Service		
Customer Charge	$39.00	$39.00
Commodity Charge	$2.607	$2.608
221 Experimental School Gas Service		
Customer Charge	$39.00	$39.00
Commodity Charge	$1.267	$1.267
225 Public Housing Authority Gas Service (WINTER)		
Customer Charge	$18.65	$18.65
Commodity Charge	$1.291	$1.292
225 Public Housing Authority Gas Service (SUMMER)		
Customer Charge	$16.65	$16.65
Commodity Charge	$1.291	$1.292
230 Large Commercial & Industrial Gas Service		
Customer Charge	$420.00	$420.00
Commodity Charge	$2.285	$2.286
240 Demand/Commodity Gas Service		
Customer Charge	$440.00	$440.00
1 - 2,000 Mcf	$1.281	$1.281
Next 48,000 Mcf	$0.848	$0.848
Over 50,000 Mcf	$0.393	$0.393
Demand Charge	$16.283	$16.283
250 Interruptible Gas Service		
Customer Charge	$440.00	$440.00
1 - 2,000 Mcf	$1.281	$1.281
Next 48,000 Mcf	$0.848	$0.848
Over 50,000 Mcf	$0.393	$0.393
260 Transportation Service / 250 Interruptible Gas Service		
Customer Charge	$440.00	$440.00
1 - 2,000 Mcf	$1.281	$1.281
Next 48,000 Mcf	$0.848	$0.848
Over 50,000 Mcf	$0.393	$0.393
260 Transportation Service / 220 Commercial & Industrial Gas Service		
Customer Charge	$440.00	$440.00
Commodity Charge	$2.607	$2.608
260 Transportation Service / 230 Large Commercial & Industrial Gas Service		
Customer Charge	$440.00	$440.00
Commodity Charge	$2.285	$2.286
Schedule 280 Economic Development Gas Service		
Customer Charge	$440.00	$440.00
1 - 2,000 Mcf	$1.281	$1.281
1 - 2,000 Mcf @ Discount Rate	$0.961	$0.961
Next 48,000 Mcf	$0.848	$0.848
Next 48,000 Mcf @ Discount Rate	$0.636	$0.636
Over 50,000 Mcf	$0.393	$0.393
Over 50,000 Mcf@ Discount Rate	$0.295	$0.295
Schedule 292 Cogeneration, CNG. Prime Movers, Fuel Cell Service		
Customer Charge	$39.00	$39.00
1 - 2,000 Mcf	$1.281	$1.281
Next 48,000 Mcf	$0.848	$0.848
Over 50,000 Mcf	$0.393	$0.393
Schedule 293 Large Tonnage Air Conditioning Gas Service		
Customer Charge	$39.00	$39.00
1 - 2,000 Mcf	$1.281	$1.281
Next 48,000 Mcf	$0.848	$0.848
Over 50,000 Mcf	$0.393	$0.393

Docket 14-00146
Schedule 1

Atmos Energy Corporation
Revenue Deficiency (Surplus)
Twelve Months Ended May 31, 2020

Line No.		Company	Reference
1	Rate Base	389,061,393	See 2RB
2	Operating Income at Present Rates	26,527,002	See 3 IS
3	Earned Rate of Return (L 2 / L 1)	6.82%	
4	Fair Rate of Return	7.79%	See 8 CC
5	Required Operating Income (L 1 x L 4)	30,307,883	
6	Operating Income Deficiency (Surplus) (L 5 - L 2)	3,780,881	
7	Gross Revenue Conversion Factor	1.352700	See 7 GU
8	**Revenue Deficiency (Surplus)**	**5,114,397**	

Docket 14-00146
Schedule 2

Atmos Energy Corporation
Rate Base
Twelve Months Ended May 31, 2020

Line No.		Company	Reference
1	Utility Plant in Service	647,760,832	Sch 7, Col (d), Ln 1
2	Construction Work in Progress	22,169,578	Sch 7, Col (d), Ln 5
3	Materials and Supplies / Storage Gas	5,222,817	Sch 7, Col (d), Ln 11
4	Working Capital/Deferred Rate Case	979,215	Sch 7, Col (d), Ln 9
5	Net Elimination of Intercompany Leased Property	5,079,768	Sch 7, Col (d), Ln 27
6	Deferred Pension Regulated Asset	(27,995,950)	Sch 7, Col (d), Ln 13
7	Total Additions	653,216,260	
	Deductions:		
8	Accumulated Depreciation	221,045,455	Sch 7, Col (d), Ln 3
9	Customer Deposits	1,368,537	Sch 7, Col (d), Ln 19
10	Contributions and Advances in Aid of Construction	20,280	Sch 7, Col (d), Ln 17
11	Accumulated Deferred Tax-Accel. Depreciation	36,576,761	Sch 7, Col (d), Ln 15
12	Accrued Interest on Customer Deposits	77,276	Sch 7, Col (d), Ln 21
13	Adjustment for Capitalized Incentive Compensation	5,066,558	
14	Total Deductions	264,154,867	
15	Rate Base	389,061,393	

Docket 14-00146
Schedule 3

Atmos Energy Corporation
Income Statement
Twelve Months Ended May 31, 2020

Line No.		Company	Reference
1	Revenues - Sales, forfeited discounts & other	151,201,596	Sch 1, Col (c), Ln 20
2	Cost of Gas	72,738,113	Sch 1, Col (c), Ln 1
3	Gross margin on sales and service	78,463,483	
4	AFUDC	240,693	Sch 1, Col (c), Ln 13
5	Operating Margin	78,704,176	
6	Other Operation and Maintenance	22,179,515	See 4 O&M
7	Interest on Customer Deposits	67,879	Sch 1, Col (c), Ln 13
8	Depreciation and Amortization Exp.	14,833,025	Sch 1, Col (c), Ln 13
9	Taxes Other Than Income	8,645,628	See 5 Tax
10	State Excise Tax	1,604,451	See 6 FIT
11	Federal Income Tax	4,846,677	See 6 FIT
12	Total Operating Expense	52,177,174	
13	Net Operating Income for Return	26,527,002	
14	Plus amortization-Gain	-	
15	Plus adjustments	-	
16	Adjusted Net Operating Income	26,527,002	

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Schedule 4

Atmos Energy Corporation
Operations and Maintenance Expenses
Twelve Months Ended May 31, 2020

Line No.		Company	Reference
1	Labor	8,024,872	WP 4-1, Excel Col Q, Ln 1
2	Benefits	2,808,187	WP 4-1, Excel Col Q, Ln 2
3	Employee Welfare	1,894,492	WP 4-1, Excel Col Q, Ln 3
4	Insurance	1,032,405	WP 4-1, Excel Col Q, Ln 4
5	Rent, Maint., & Utilities	861,180	WP 4-1, Excel Col Q, Ln 5
6	Vehicles & Equip	652,418	WP 4-1, Excel Col Q, Ln 6
7	Materials and Supplies	477,694	WP 4-1, Excel Col Q, Ln 7
8	Information Technologies	1,138,266	WP 4-1, Excel Col Q, Ln 8
9	Telecom	557,491	WP 4-1, Excel Col Q, Ln 9
10	Marketing	247,891	WP 4-1, Excel Col Q, Ln 10
11	Directors & Shareholders & PR	295,449	WP 4-1, Excel Col Q, Ln 11
12	Dues & Donations	149,794	WP 4-1, Excel Col Q, Ln 12
13	Print & Postage	29,151	WP 4-1, Excel Col Q, Ln 13
14	Travel & Entertainment	727,231	WP 4-1, Excel Col Q, Ln 14
15	Training	107,366	WP 4-1, Excel Col Q, Ln 15
16	Outside Services	6,841,976	WP 4-1, Excel Col Q, Ln 16
17	Provision for Bad Debt	310,436	WP 4-1, Excel Col Q, Ln 17
18	Miscellaneous	(2,906,463)	WP 4-1, Excel Col Q, Ln 18
19	Rate Case Expense	-	WP 4-1, Excel Col Q, Ln 21
20	Elimination of Intercompany Leased Property - Rent	-	WP 4-1, Excel Col C, Ln 14
21	Inclusion of Barnsley Storage Operating Expense	367,295	WP 4-1, Excel Col D, Ln 14
22	Interest Expense	8,053,571	Sch 8, Col (e), Ln 3
23	Disallowed Items	(1,437,617)	
24			
25			
26	Total O&M Expense	30,233,085	

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Schedule 5

Atmos Energy Corporation
Operations and Maintenance Expense
Twelve Months Ended May 31, 2020

Line No.		Company	Reference
1	Property Taxes	5,619,700	WP 7-6, Col (b), Ln 11+Ln19+Ln23
2	State Gross Receipts Tax	962,415	WP 7-6, Col (b), Ln 12
3	Payroll Taxes	642,853	WP 7-6, Col (b), Ln 13+Ln20+Ln24
4	State Franchise Tax	821,996	WP 7-6, Col (b), Ln 14
5	Other General Taxes	21,740	
6	TRA Inspection Fee	576,923	WP 7-6, Col (b), Ln 15
7	Total Taxes Other Than Income Taxes	8,645,628	

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Schedule 6

Atmos Energy Corporation
Federal and Excise Taxes
Twelve Months Ended May 31, 2020

Line No.		Company	Reference
1	Operating Margin	78,463,483	See 3 IS
2	Other Operation and Maintenance	22,179,515	See 3 IS
3	Depreciation and Amortization Expense	14,833,025	See 3 IS
4	Taxes Other Than Income	8,645,628	See 3 IS
5	NOI Before Excise and Income Taxes	32,805,316	
6	less Interest on Customer Deposits	67,879	See 3 IS
7	less Interest Expense	8,053,571	See 3 IS
8	Pre-tax Book Income	24,683,866	
9	Schedule M Adjustments	-	
10	Excise Taxable Income	24,683,866	
11	Excise Tax Rate	6.50%	
12	Excise Tax	1,604,451	
13	Pre-tax Book Income	24,683,866	
14	Excise Tax	1,604,451	
15	Schedule M Adjustments	-	
16	FIT Taxable Income	23,079,415	
17	FIT Rate	21.00%	
18	Subtotal FIT	4,846,677	
19	Less: ITC Amortization	-	
20	Federal Income Tax Expense	4,846,677	

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Schedule 7

Atmos Energy Corporation
Gross Revenue Conversion Factor
Twelve Months Ended May 31, 2020

Line No.		Amount		Balance	Reference
1	Operating Revenues			1.000000	
2	Add: Forfeited Discounts	0.004931	A/	0.004931	WP 8-2, Excel Col D, Ln 3
3	Balance			1.004931	
4	Uncollectible Ratio	0.004078	B/	0.004098	WP 8-2, Excel Col D, Ln 7
5	Balance			1.000834	
6	State Excise Tax	0.065000	C/	0.065054	WP 8-2, Excel Col D, Ln 11
7	Balance			0.935779	
8	Federal Income Tax	0.210000	C/	0.196514	WP 8-2, Excel Col D, Ln 15
9	Balance			0.739266	
10	Revenue Conversion Factor (1 / Line 9)			1.352700	

A/ Forfeited discounts on gross revenues = forfeited discounts/gross revenues (excluding forfeited discounts)
B/ Uncolletible expense/Gross margin on sales
C/ Statutory Rate

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Schedule 8

Atmos Energy Corporation
Cost of Capital
Twelve Months Ended May 31, 2020

Line No.		Ratio	Cost	Weighted Cost	Reference
1	Short Term Debt	4.07%	2.61%	0.1%	Sch 9, Ln 2
2	Long Term Debt	37.56%	5.22%	2.0%	Sch 9, Ln 1
3	Preferred Stock				
4	Stockholder's Equity	58.38%	9.80%	5.7%	Sch 9, Ln 3
5	Total	100.00% A/		7.79%	

A/ Should be 100%