2018 SEP -4 PM 1:25

NEAL & HARWELL, PLC

ATTORNEYS AT LAW
1201 DEMONBREUN STREET
SUITE 1000
NASHVILLE, TENNESSEE 37203

TELEPHONE
(615) 244-1713

FACSIMILE
(615) 726-0573

NEALHARWELL.COM

A. SCOTT ROSS

SROSS@NEALHARWELL.COM
(615) 238-3524 (DIRECT)

August 31, 2018

Sharla Dillon
Dockets Manager
Tennessee Public Utility Commission
500 Deaderick Street, 4th Floor
Nashville, TN 37242

VIA E-MAIL AND HAND DELIVERY

RE: Atmos Energy Corporation – 2018 ARM Filing
TPUC Docket No. 18-00067

Dear Ms. Dillon:

Enclosed is Atmos Energy Corporation's response to CPAD's Informal Discovery Request No. 2.1.

An original and four hard copies are enclosed, along with a CD containing the filing in PDF format for posting to the TPUC docket website.

I also enclose a CD containing live Excel versions of the spreadsheets, for use by TPUC Staff.

Best regards.

Sincerely,

A. Scott Ross

ASR:prd

Enclosures

cc: Wayne Irvin, Esq.

REQUEST:

Refer to the Revenue Requirement Schedules that were included with the Company's filing. Provide a pro forma calculation of the Company's revenue requirement assuming that none of the changes from the 2017 Tax Cut & Jobs Act took effect. In other words, provide a calculation of the Company's revenue requirements exclusive of the Tax Cut & Jobs Act.

RESPONSE:

Please see Attachment 1.

ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, CPAD_2-01_Att1 - 2018 revenue requirement schedules without TCJA.xls, 62 Pages.

DOCKET NO. 18-00067
ATTACHMENT 1
TO CPAD DR NO. 2-01

Schedule 1

Tennessee Distribution System
Cost of Service
Twelve Months Ended May 31, 2019

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Cost of Gas	Schedule 3	$52,706,715
2			
3	Operation & Maintenance Expense	Schedule 4	21,727,083
4			
5	Taxes Other Than Income Taxes	Schedule 5	7,645,406
6			
7	Depreciation & Amortization Expense	Schedule 6	13,999,819
8			
9	Return	Schedule 7	25,149,350
10			
11	Federal Income and State Excise Tax	Schedule 8	11,225,439
12			
13	AFUDC	Wp 1-2	(65,369)
14			
15	Interest on Customer Deposits	Wp 1-1	69,649
16			
17	Total Cost of Service		$ 132,458,092
18			
19			
20	Revenue at Present Rates	Schedule 2	$ 132,279,331
21			
22	Net Revenue Deficiency		$ 178,761
23			
24	ARM Reconciliation Amount, Docket No. 17-00091		$ 382,182
25			
26	Total Revenue Sufficiency		$ 560,943
27			

Tennessee Distribution System
Interest on Customer Deposits
Twelve Months Ended May 31, 2019

Line No.	Description		Amount
	(a)		(b)
1	Average Customer Deposit Balance	$	1,654,367
2			
3	Interest Rate on Customer Deposits		4.21%
4			
5	Adjusted Customer Deposit Interest	$	69,649

Tennessee Distribution System
Allowance for Funds Used During Construction
Twelve Months Ended May 31, 2019

Line No.	Description	Amount
	(a)	(b)
1	Base Period AFUDC per books - Div 093 (1)	$ (107,559)
2		
3	Less State Excise Tax Effect	(6,991)
4		
5		$ (100,568)
6		
7	Less Federal Tax Effect	(35,199)
8		
9	Net AFUDC - Base Period	$ (65,369)
10		
11	Change from Base Period to Attrition Year	-
12		
13	Projected Attrition Year Net AFUDC	$ (65,369)
14		
15	Note:	
16	1. Twelve months ended September 30, 2017 - Account 432	

Tennessee Distribution System
Summary of Revenue at Present Rates
Twelve Months Ended May 31, 2019

Line	Description		Amount
	(a)	(b)	(c)
1	Base period per books revenue (1)		$ 126,691,251
2			
3	Change from Base Period to Attrition Year		5,588,080
4			
5	Projected Attrition Year Revenue:		
6	Margin at proposed WNA	$ 79,572,616	
7	Gas cost	52,706,715	
8	Total		$ 132,279,331
9			
10	Note:		
11	1. Twelve months ended September 30, 2017		

Schedule 3

Tennessee Distribution System
Cost of Gas
Twelve Months Ended May 31, 2019

Line No.	Description	Amount
	(a)	(b)
1	Base period per books cost of gas (1)	$ 53,760,361
2		
3	Adjustments	
4	Net Elimination of Intercompany Leased Storage Property	(1,053,646)
5		
6	Total Adjusted Gas Cost	$ 52,706,715
7		
8	Change from Base Period to Attrition Year	-
9		
10	Projected Attrition Year Gas Cost	$ 52,706,715
11		
12	Note:	
13	1. Twelve months ended September 30, 2017	

Tennessee Distribution System
ELIMINATION OF LEASED PROPERTY-RENT
Twelve Months Ended May 31, 2019

Line No.	Description	Building Rent O&M	Storage Expense O&M	Leased Property Depreciation	Storage Expense Other Taxes	Storage Rent Gas Cost
	(a)	(b)				(c)
1	October-16	$ (44,333)	$ 6,199	$ 16,894	$ 2,750	$ (100,540)
2	November-16	(44,333)	4,663	18,287	2,750	(100,540)
3	December-16	44,333	36,643	17,359	2,750	(72,752)
4	January-17	-	10,363	17,359	3,050	(86,646)
5	February-17	-	45,089	17,359	3,050	(86,646)
6	March-17	-	38,711	17,359	3,050	(86,646)
7	April-17	-	27,578	17,359	3,050	(86,646)
8	May-17	-	23,262	17,359	3,050	(86,646)
9	June-17	-	28,140	17,359	3,050	(86,646)
10	July-17	-	22,751	17,359	3,050	(86,646)
11	August-17	-	24,688	17,359	3,050	(86,646)
12	September-17	-	111,375	17,394	3,050	(86,646)
13						
14	Total Per Books	$ (44,333)	$ 379,461	$ 208,804	$ 35,700	$ (1,053,646)

Tennessee Distribution System
Operation and Maintenance Expenses
Twelve Months Ended May 31, 2019

Line No.	Description		Amount
	(b)		(c)
1	Base period per books O&M Expense (1)	$	22,359,003
2			
3	Change from Base Period to Attrition Year		(967,048)
4			
5	Attrition Year O&M Expenses - Before Eliminations	$	21,391,955
6			
7	Adjustments to O&M		
8	Elimination of Intercompany Leased Property - Rent	$	(44,333)
9	Inclusion of Barnsley Storage Operating Expense	$	379,461
10			
11	Total Adjustments	$	335,128
12			
13	Total Adjusted Operation and Maintenance Expenses	$	21,727,083
14			
15	Note:		
16	1. Twelve months ended September 30, 2017		

Tennessee Distribution System
Operation and Maintenance Expenses
Twelve Months Ended May 31, 2019

Line No.		Tennessee Historic Base	Tennessee Attrition	Tennessee Difference	SSU Historic Base	SSU Attrition	SSU Difference	General Office Historic Base	General Office Attrition	General Office Difference	Total Historic Base	Total Attrition	Total Difference
1	**Labor**	$ 3,524,682	$ 3,555,740	$ 31,058	$ 3,335,316	$ 3,598,931	$ 263,616	$ 1,106,687	$ 967,561	$ (139,125)	$ 7,966,684	$ 8,122,232	$ 155,548
2	**Benefits**	1,755,146	1,106,752	(648,393)	1,077,663	1,189,846	112,183	275,761	397,849	122,089	3,108,570	2,694,448	(414,122)
3	**Employee Welfare**	32,571	37,997	5,427	1,752,114	1,566,324	(185,790)	617,378	522,980	(94,398)	2,402,063	2,127,302	(274,761)
4	**Insurance**	177,609	18,655	(158,954)	882,064	915,260	33,196	19,513	173,712	154,199	1,079,186	1,107,626	28,440
5	**Rent, Maint., & Utilities**	447,508	372,686	(74,822)	379,323	380,599	1,276	137,268	135,264	(2,004)	964,099	888,549	(75,550)
6	**Vehicles & Equip**	511,447	574,396	62,949	4,039	4,141	102	31,438	34,255	2,817	546,924	612,792	65,868
7	**Materials & Supplies**	436,597	395,085	(41,512)	39,631	50,227	10,595	72,434	76,362	3,928	548,662	521,674	(26,988)
8	**Information Technologies**	5,230	-	(5,230)	891,389	900,280	8,891	33,662	47,499	13,837	930,282	947,780	17,498
9	**Telecom**	227,855	227,126	(729)	107,215	127,145	19,930	132,503	220,460	87,957	467,572	574,731	107,159
10	**Marketing**	110,663	98,419	(12,244)	11,330	11,826	496	160,567	141,018	(19,550)	282,561	251,263	(31,298)
11	**Directors & Shareholders &PR**	240	2,005	1,765	318,800	301,817	(16,983)	-	-	-	319,040	303,822	(15,218)
12	**Dues & Donations**	118,479	60,236	(58,243)	24,916	24,707	(209)	10,503	63,050	52,547	153,899	147,993	(5,905)
13	**Print & Postages**	9,206	11,613	2,407	7,595	11,654	4,059	5,295	8,045	2,749	22,097	31,312	9,215
14	**Travel & Entertainment**	247,226	221,289	(25,937)	119,607	155,983	36,376	185,099	233,738	48,639	551,932	611,010	59,077
15	**Training**	12,005	13,926	1,921	67,086	58,056	(9,031)	25,521	33,390	7,868	104,613	105,371	758
16	**Outside Services**	4,567,026	3,618,651	(948,375)	692,598	1,395,909	703,311	520,591	1,400,066	879,475	5,780,215	6,414,625	634,410
17	**Provision for Bad Debt**	217,833	320,616	102,783	-	-	-	-	-	-	217,833	320,616	102,783
18	**Miscellaneous**	69,679	25,989	(43,691)	(3,098,840)	(3,017,529)	81,311	(58,068)	20,013	78,081	(3,087,229)	(2,971,528)	115,701
19	**Total O&M Expenses**	$ 12,471,004	$ 10,661,181	$ (1,809,823)	$ 6,611,846	$ 7,675,176	$ 1,063,330	$ 3,276,152	$ 4,475,260	$ 1,199,108	$ 22,359,003	$ 22,811,618	$ 452,615
20													
21	**Disallowed Items**												
22	Other (Sub 05416 and 05412)		(3,429)			(2,722)			(27)			(6,178)	(6,178)
23	Incentive Comp (MFR 38)		0			(594,530)			(405,839)			(1,000,369)	(1,000,369)
24	Benefits (FAS 87 Accrual)		(201,081)			(159,156)			(52,880)			(413,116)	(413,116)
25													
26	**Rate Case Expense**		-	-							-	-	-
27													
28	**Pension Benchmark**		-	-							-	-	-
29													
30	**Total O&M**	$ 12,471,004	$ 10,456,671	$ (1,809,823)	$ 6,611,846	$ 6,918,769	$ 1,063,330	$ 3,276,152	$ 4,016,514	$ 1,199,108	$ 22,359,003	$ 21,391,955	$ (967,048)

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2019

Division 093			
Line No.	FERC Account	Historic Base Period	Attrition Year
1	7350	1,617	1,347
2	8560	110,588	90,232
3	8630	800	634
4	8650	1,258	1,138
5	8700	2,035,867	1,783,144
6	8711	26,636	24,109
7	8740	3,935,329	3,499,930
8	8750	428,492	420,783
9	8760	95	86
10	8770	5,285	4,418
11	8780	726,981	730,441
12	8800	82,532	78,610
13	8810	317,258	264,180
14	8860	4,429	3,688
15	8870	26,070	24,017
16	8890	82,861	66,044
17	8910	596	540
18	8920	(2,256)	1,154
19	8930	28,244	27,061
20	8940	282	266
21	9010	(30)	(30)
22	9020	545,824	487,692
23	9030	947,165	821,250
24	9040	217,833	297,693
25	9090	99,383	99,382
26	9110	278,130	270,854
27	9120	41,883	36,912
28	9130	3,635	3,232
29	9200	109,534	110,499
30	9210	11,499	9,250
31	9220	9,887,999	12,150,437
32	9230	343,026	271,794
33	9240	141,072	14,817
34	9250	27,054	10,162
35	9260	1,766,806	1,120,526
36	9280	38,052	14,193
37	9302	76,493	39,314
38	9310	10,682	8,896
41	Total	22,359,003	22,788,695

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2019

		Division 091	
Line No.	FERC Account	Historic Base Period	Attrition Year
42	8170	414	407
43	8180	431	424
44	8190	6,589	6,487
45	8210	2,818	2,774
46	8250	14,026	13,809
47	8500	8,438	22,565
48	8560	832	823
49	8570	827	814
50	8650	5,433	14,435
51	8700	3,064,129	3,578,367
52	8711	82,717	87,129
53	8740	116,142	154,001
54	8750	129,939	128,455
55	8760	2,254	7,040
56	8770	25,973	66,334
57	8800	225	289
58	8810	278,119	273,833
59	9010	23,195	20,740
60	9020	(90)	(242)
61	9030	1,756,525	3,318,485
63	9100	2,144	2,263
64	9110	136,976	132,523
65	9120	3,883	3,408
66	9130	7,404	6,497
67	9200	(144,833)	49,874
68	9210	1,604	1,918
69	9220	(7,823,688)	(10,678,264)
70	9230	148,276	398,436
71	9240	(13,166)	(117,109)
72	9250	182,386	467,465
73	9260	1,968,524	1,966,713
74	9302	11,555	69,305
78	Total	(0)	0

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2019

Division 002			
Line No.	FERC Account	Historic Base Period	Attrition Year
79	8210	1,500	2,286
80	8230	6,062	15,219
81	8560	-	0
82	8700	93,859	144,316
83	8740	57,443	62,908
84	8800	715	1,794
85	8900	248	350
86	9010	5,128	7,860
87	9030	508,191	524,784
88	9040	-	
89	9100	11,088	27,520
90	9120	11,702	13,916
91	9200	(17,026,717)	(20,235,560)
	9210	23,580,538	34,653,864
	9220	(99,084,532)	(125,935,370)
	9230	9,997,333	24,852,106
	9240	180,070	215,640
92	9250	18,099,747	21,017,174
93	9260	50,174,822	50,991,439
94	9302	6,653,635	7,253,683
95	9310	5,341,181	5,916,569
96	9320	360,565	469,503
100	Total	(1,027,425)	0

Tennessee Distribution System
Operation and Maintenance Expenses by FERC
Twelve Months Ended May 31, 2019

Division 012			
Line No.	FERC Account	Historic Base Period	Attrition Year
101	8700	344	303
102	8740	19,870	20,111
103	9010	4,263,432	4,988,949
104	9020	28,434	33,954
105	9030	18,662,713	22,198,904
106	9200	4,357,380	5,203,291
107	9210	8,595,483	2,399,181
108	9220	(48,551,745)	(47,859,528)
109	9230	1,060,108	576,144
110	9240	106,507	-
111	9250	383	151
112	9260	9,414,838	10,799,865
113	9310	1,852,011	1,638,613
114	9320	8,722	61
117	Total	(181,522)	0

Atmos Energy Corp - Tennessee Distribution System
Attrition Year Period Bad Debt Calculation
Twelve Months Ended May 31, 2019

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)	625,853	839,952	22,713	30,483	648,566	870,435	18.00	1.397	12,890,026	0.5%	$ 64,450
2	210 Residential Gas Service (Winter) (weather sensitive)	873,592	6,696,192	31,704	243,016	905,296	6,939,208	20.00	1.397	27,798,686	0.5%	$ 138,993
3	210 Residential Gas Service Senior Citizen (Summer)	567	477	21	17	588	494	0.00	1.397	691	0.5%	$ 3
4	210 Residential Gas Service Senior Citizen (Winter) (weather sensitive)	983	5,724	36	208	1,019	5,932	0.00	1.397	8,285	0.5%	$ 41
5												
6	211 Residential/Sm. Commericial/Industrial Heating & Cooling Service	24	391	1	14	25	405	17.00	0.846	766	0.5%	$ 4
7												
8	220 Commercial Gas Service (weather sensitive)	196,423	5,189,960	3,004	79,360	199,427	5,269,320	42.00	2.809	23,179,781	0.5%	$ 115,899
9												
10	221 Experimental School Gas Service	38	27,456	1	420	39	27,876	42.00	1.364	39,650	0.5%	$ 198
11												
12	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	0	0	0	0	0.00	1.397	0	0.5%	$ -
13	225 Public Authority Gas Service (Sr. Citizen) (Winter) (weather Sensitive)	0	0	0	0	0	0	0.00	1.397	0	0.5%	$ -
14	225 Public Authority Gas Service (Summer)	2,978	7,188	108	261	3,086	7,449	18.00	1.397	65,955	0.5%	$ 330
15	225 Public Authority Gas Service (Winter) (weather Sensitive)	4,178	36,428	152	1,322	4,330	37,750	20.00	1.397	139,322	0.5%	$ 697
16												
17	230 Large Commercial Gas Service (weather sensitive)	0	0	0	0	0	0	445.00	2.469	0	0.5%	$ -
18												
19	Total											320,616

Atmos Energy Corp - Tennessee Distribution System
Attrition Year Pension Benchmark Calculation
Twelve Months Ended May 31, 2019

Line No.	Description	Number of Participants		Estimated Liability	Percent of Contribution		Estimated 2015 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-merge	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, 2019

Line No.	Description	Total
	(a)	(b)
1	Base period per books Other Taxes Expense (1)	$ 7,616,970
2		
3	Change from Base Period to Attrition Year	(7,264)
4		
5	Attrition Year Other Taxes Expense	$ 7,609,706
6		
7	Inclusion of Barnsley Storage Other taxes	35,700
8		
9	Attrition Year Adjusted Taxes Other Than Income Taxes	$ 7,645,406
10		
11	Note:	
12	1. Twelve months ended September 30, 2017 - Account 408	

Tennessee Distribution System
Taxes Other Than Income Taxes
Twelve Months Ended September 30, 2017

Line No.	Descripton	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Base Period
1	**Division 093**													
2	FICA	11,775	37,750	6,602	22,885	17,949	26,281	16,587	16,093	13,574	13,897	9,205	32,506	225,104
3	FUTA	1	12	(2)	2,139	39	(229)	(1)	20	3	2	7	22	2,013
4	SUTA	-	6	1	2,185	675	(1,577)	164	12	3	9	3	14	1,495
5	Ad Valorem	324,854	324,854	324,854	374,854	374,854	374,854	374,854	374,854	374,854	374,854	374,854	374,854	4,348,248
6	30105 Corp/State Franchise Tax	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	720,000
7	30107 City Franchise	167	167	167	167	167	167	167	333	-	167	167	167	2,000
8	30109 State Gross Receipts	82,698	121,003	182,186	231,698	182,234	159,201	87,203	66,465	69,870	35,108	34,946	36,013	1,288,625
9	30104 State Supv & Inspection	47,302	47,302	47,302	47,302	47,302	47,302	39,858	39,858	39,858	39,858	39,858	39,858	522,957
10	30108 Dot Transmission User Tax	-	-	-	-	-	9,968	-	-	10,343	-	-	-	20,312
11	Division 91 Allocations	5,131	11,100	4,766	46,565	9,960	5,469	10,809	15,885	14,530	13,313	16,498	3,776	157,802
12	Division 12 Allocations	9,320	25,543	4,374	13,230	12,101	9,936	8,762	11,968	8,677	8,360	12,571	7,017	131,859
13	Division 02 Allocations	15,051	33,278	7,774	21,980	16,701	13,078	(87,806)	118,957	13,066	14,100	18,813	11,563	196,555
14	Total	$ 556,299	$ 661,015	$ 638,023	$ 823,004	$ 721,981	$ 704,451	$ 510,596	$ 704,445	$ 604,778	$ 559,667	$ 566,921	$ 565,790	$ 7,616,970
15														
16	**Division 002**													
17	FICA	225,033	717,547	133,524	377,484	330,990	264,587	257,411	370,189	256,179	279,868	389,068	199,031	3,800,909
18	FUTA	396	558	158	29,577	(105)	(1,000)	40	663	272	399	171	496	31,623
19	SUTA	815	1,195	587	55,762	26,610	(5,864)	489	1,662	983	1,018	785	1,037	85,079
20	Ad Valorem	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	528,000
21	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total	$ 270,244	$ 763,299	$ 178,269	$ 506,823	$ 401,495	$ 301,722	$ 301,940	$ 416,514	$ 301,433	$ 325,285	$ 434,024	$ 244,563	$ 4,445,611
23														
24	**Division 012**													
25	FICA	164,335	522,900	55,389	199,727	206,662	179,394	149,612	219,423	147,260	140,256	233,551	110,406	2,328,914
26	FUTA	289	406	74	16,983	289	(479)	12	394	156	201	110	280	18,715
27	SUTA	595	870	311	32,014	16,791	(3,067)	245	985	566	508	485	582	50,886
28	Ad Valorem	41,000	41,000	41,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	44,000	519,000
29	Total	$ 206,219	$ 565,176	$ 96,774	$ 292,724	$ 267,742	$ 219,848	$ 193,870	$ 264,801	$ 191,981	$ 184,966	$ 278,146	$ 155,268	$ 2,917,514
30														
31	**Division 091**													
32	FICA	7,273	21,493	6,380	102,871	18,196	9,495	20,681	32,906	29,691	26,780	34,385	3,986	314,135
33	FUTA	0	7	(1)	1,640	44	(177)	(2)	15	3	2	6	18	1,554
34	SUTA	-	4	1	1,675	542	(1,258)	130	9	2	8	3	11	1,126
35	Ad Valorem	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000
36	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Total	$ 12,273	$ 26,504	$ 11,380	$ 111,186	$ 23,781	$ 13,060	$ 25,809	$ 37,930	$ 34,696	$ 31,789	$ 39,394	$ 9,015	$ 376,816

Tennessee Distribution System
Taxes Other Than Income Taxes
Twelve Months Ended May 31, 2019

Line No.	Descripton	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Attrition Year
1	**Division 093**													
2	FICA	13,981	14,314	9,481	33,481	12,492	40,049	7,004	24,279	19,042	27,882	17,597	17,073	236,675
3	FUTA	3	2	7	23	1	13	(2)	2,270	42	(243)	(1)	22	2,135
4	SUTA	3	9	3	14	-	7	1	2,318	716	(1,673)	174	12	1,585
5	Ad Valorem	400,932	400,932	400,932	400,932	400,932	400,932	400,932	400,932	400,932	400,932	400,932	400,932	4,811,184
6	30105 Corp/State Franchise Tax	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	720,000
7	30107 City Franchise	167	167	167	167	167	167	167	167	167	167	167	167	2,000
8	30109 State Gross Receipts	38,170	37,161	36,989	38,120	52,046	76,407	115,027	156,472	111,360	99,961	57,444	37,266	856,423
9	30104 State Supv & Inspection	39,858	39,858	39,858	39,858	39,858	39,858	39,858	39,858	39,858	39,858	39,858	39,858	478,293
10	30108 Dot Transmission User Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Division 91 Allocations	12,944	11,690	14,973	1,859	3,360	9,687	2,962	47,338	8,476	3,709	9,378	14,767	141,143
12	Division 12 Allocations	9,367	9,037	13,421	7,639	10,411	27,809	5,106	14,459	13,248	10,926	9,667	13,105	144,196
13	Division 02 Allocations	14,594	15,665	20,546	12,041	13,499	36,296	9,246	24,437	19,567	14,954	14,964	20,262	216,071
14	Total	$ 590,019	$ 588,833	$ 596,377	$ 594,133	$ 592,765	$ 691,224	$ 640,302	$ 772,529	$ 673,408	$ 656,473	$ 610,180	$ 603,464	$ 7,609,706
15														
16	**Division 002**													
17	FICA	263,864	288,264	400,740	205,002	238,737	761,245	141,656	400,472	351,147	280,700	273,087	392,734	3,997,648
18	FUTA	280	411	176	510	420	591	167	31,378	(111)	(1,061)	42	703	33,507
19	SUTA	1,012	1,049	809	1,068	865	1,268	623	59,158	28,231	(6,221)	519	1,763	90,143
20	Ad Valorem	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	69,700	836,400
21	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total	$ 334,856	$ 359,424	$ 471,424	$ 276,280	$ 309,723	$ 832,804	$ 212,146	$ 560,709	$ 448,967	$ 343,118	$ 343,349	$ 464,900	$ 4,957,698
23														
24	**Division 012**													
25	FICA	151,678	144,464	240,557	113,718	174,343	554,744	58,762	211,890	219,248	190,319	158,724	232,786	2,451,232
26	FUTA	160	208	113	288	307	431	78	18,017	306	(508)	13	418	19,831
27	SUTA	583	523	500	600	632	923	330	33,964	17,813	(3,254)	260	1,044	53,918
28	Ad Valorem	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	52,600	631,200
29	Total	$ 205,021	$ 197,795	$ 293,770	$ 167,206	$ 227,881	$ 608,699	$ 111,770	$ 316,471	$ 289,968	$ 239,157	$ 211,597	$ 286,848	$ 3,156,182
30														
31	**Division 091**													
32	FICA	30,581	27,583	35,416	4,106	7,716	22,802	6,768	109,136	19,304	10,073	21,941	34,910	330,336
33	FUTA	3	2	6	18	0	8	(1)	1,740	46	(188)	(2)	16	1,648
34	SUTA	2	8	3	12	-	4	1	1,777	575	(1,335)	138	9	1,194
35	Ad Valorem	300	300	300	300	300	300	300	300	300	300	300	300	3,600
36	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Total	$ 30,886	$ 27,892	$ 35,725	$ 4,436	$ 8,016	$ 23,113	$ 7,069	$ 112,952	$ 20,225	$ 8,850	$ 22,377	$ 35,235	$ 336,777

Schedule 6

Tennessee Distribution System
Depreciation and Amortization Expense
Twelve Months Ended May 31, 2019

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books Depreciation Expense (1)		$ 12,009,713
2			
3	Change from Base Period to Attrition Year		1,881,697
4			
5	Attrition Year Depreciation Expense at current Depreciation Rates	Wp 6-2	$ 13,891,410
6			
7	Adjustment to reflect Proposed Depreciation Rates		-
8			
9	Attrition Year Depreciation Expense at proposed Depreciation Rates	Wp 6-1	13,891,410
10			
11	Amortization of Deferred Pension Regulated Asset	Wp 7-3	0
12			
13	Net Elimination of Intercompany Leased Property	Wp 3-1	208,804
14			
15	Adjustment for Depreciation Expense on Capitalized Incentive Comp	Wp 7-8	(100,395)
16			
17	Total Depreciation and Amortization Expense, As Adjusted		$ 13,999,819
18			
19	Note:		
20	1. Twelve months ended September 30, 2017		

Tennessee Distribution System
Depreciation Expense Adjustment
Proforma SSU Depreciation at Proposed Depreciation Rates
Twelve Months Ended May 31, 2019

Line No.	Description	Amount	Allocation	Allocated
	(a)	(b)	(c)	(d)
1	Proforma Depreciation			
2	Tennessee Operations	$ 12,855,684	100.00%	$ 12,855,684
3	Mid-States General Office	48,796	41.91%	20,450
4	SSU Div 12 - Customer Service	8,524,748	4.57%	389,468
5	SSU Div 02 - General Office	14,359,015	4.36%	625,808
6				
7	Proforma Depreciation Adjustment			$ 13,891,410

Tennessee Distribution System
Depreciation Expense Adjustment
Proforma SSU Depreciation at Current Depreciation Rates
Twelve Months Ended May 31, 2019

Line No.	Description	Amount	Allocation	Allocated
	(a)	(b)	(c)	(d)
1	Proforma Depreciation			
2	Tennessee Operations	$ 12,855,684	100.00%	$ 12,855,684
3	Mid-States General Office	48,796	41.91%	20,450
4	SSU Div 12 - Customer Service	8,524,748	4.57%	389,468
5	SSU Div 02 - General Office	14,359,015	4.36%	625,808
6				
7	Proforma Depreciation Expense			$ 13,891,410

Tennessee Distribution System
Rate Base & Return
Twelve Months Ended May 31, 2019
Thirteen Month Average

Line No.	Description	Historic Base Period (1)	Change	Attrition Year	Reference
	(a)	(b)	(c)	(d)	(e)
1	Original Cost of Plant	$ 521,626,689	$ 80,237,370	$ 601,864,059	Wp 7-1 Wp7-2
2					
3	Accumulated Depreciation and Amortization	(199,308,794)	(11,728,755)	(211,037,548)	Wp 7-1 Wp7-2
4					
5	Construction Work in Progress per Books	12,977,847	(369,024)	12,608,823	Wp 7-1 Wp7-2
6					
7	Storage Gas Investment	4,705,747	287,386	4,993,133	Wp 7-1 Wp7-2
8					
9	Cash Working Capital	1,320,407	(12,201)	1,308,206	Wp 7-5
10					
11	Material & Supplies	31,937	(54)	31,883	Wp 7-1 Wp7-2
12					
13	Regulatory Assets/Liabilities	149,826	(149,826)	-	Wp 7-3 WP 7-9
14					
15	Accumulated Deferred Income Tax	(51,582,952)	(11,225,441)	(62,808,393)	Wp 7-1
16					
17	Customer Advances for Construction	(20,061)	(219)	(20,280)	Wp 7-1 Wp7-2
18					
19	Customer Deposits	(2,666,188)	1,011,821	(1,654,367)	Wp 7-1 Wp7-2
20					
21	Accumulated Interest on Customer Deposits	(49,291)	(6,012)	(55,303)	Wp 7-1 Wp7-2
22					
23	Unadjusted Rate Base	$ 287,185,169	$ 58,045,045	$ 345,230,214	
24					
25	Adjustments:	(2,505,059)	$ (1,603,255)	(4,108,314)	Wp 7-8
26					
27	Net Elimination of Intercompany Leased Property	$ 5,738,821	$ (450,940)	$ 5,287,881	Wp 7-1 Wp7-2
28					
29	Total Rate Base	$ 290,418,930	$ 55,990,850	$ 346,409,781	
30					
31	Return at Overall Cost of Capital on Rate Base	$ 21,084,414	$ 4,064,936	$ 25,149,350	
32					
33	Note:				
34	1. Twelve months ended September 30, 2017				

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2019

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 41.91%	Division 012 4.57%	CKV 1.88%	Division 002 4.36%	Greenville 1.32%	AEAM 5.36%	ALGN 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) 13 month average Balances**																	
2																		
3	May-18	$ 559,950,320	$ 3,602,534	$ 124,440,887	$ 17,112,958	$ 146,051,800	$ 9,196,755	$ 23,031,374	$ 18,527,349	$ 559,950,320	$ 1,509,822	$ 5,685,303	$ 321,345	$ 6,365,361	$ 121,594	$ 1,233,484	$ -	$ 575,187,229
4	Jun-18	564,659,202	3,602,534	124,416,627	17,172,449	147,428,489	9,196,755	23,118,422	18,610,728	564,659,202	1,509,822	5,684,195	322,462	6,425,361	121,594	1,238,146	0	$ 579,960,782
5	Jul-18	568,795,800	3,602,534	124,407,702	17,194,333	148,350,621	9,196,755	23,176,728	18,666,576	568,795,800	1,509,822	5,683,787	322,873	6,465,550	121,594	1,241,269	0	$ 584,140,695
6	Aug-18	571,938,759	3,602,534	124,400,922	17,210,959	149,196,595	9,196,755	23,230,219	18,717,812	571,938,759	1,509,822	5,683,478	323,185	6,502,420	121,594	1,244,133	0	$ 587,323,392
7	Sep-18	575,133,536	3,602,534	124,396,652	17,221,429	150,130,759	9,196,755	23,289,286	18,774,389	575,133,536	1,509,822	5,683,282	323,382	6,543,134	121,594	1,247,297	0	$ 590,562,047
8	Oct-18	585,890,808	3,602,534	124,374,425	17,275,932	151,021,014	9,196,755	23,345,577	18,828,307	585,890,808	1,509,822	5,682,267	324,405	6,581,934	121,594	1,250,312	0	$ 601,361,141
9	Nov-18	589,737,720	3,602,534	124,361,850	17,306,768	152,039,893	9,196,755	23,410,000	18,890,015	589,737,720	1,509,822	5,681,692	324,984	6,626,339	121,594	1,253,762	0	$ 605,255,914
10	Dec-18	593,097,899	3,602,534	124,349,179	17,337,841	152,655,248	9,196,755	23,448,909	18,927,284	593,097,899	1,509,822	5,681,114	325,568	6,653,158	121,594	1,255,846	0	$ 608,645,000
11	Jan-19	595,825,108	3,602,534	124,330,363	17,383,980	153,040,427	9,196,755	23,473,264	18,950,612	595,825,108	1,509,822	5,680,254	326,434	6,669,946	121,594	1,257,150	0	$ 611,390,307
12	Feb-19	598,277,305	3,623,094	124,300,007	17,458,418	153,885,636	9,196,755	23,526,706	19,001,802	598,277,305	1,518,439	5,678,867	327,832	6,706,782	121,594	1,260,012	0	$ 613,890,831
13	Mar-19	601,992,248	3,623,094	124,261,631	17,552,521	154,643,883	9,196,755	23,574,650	19,047,725	601,992,248	1,518,439	5,677,114	329,599	6,739,829	121,594	1,262,580	0	$ 617,641,402
14	Apr-19	606,147,165	3,623,094	124,226,125	17,639,588	155,619,638	9,196,755	23,636,347	19,106,821	606,147,165	1,518,439	5,675,492	331,234	6,782,355	121,594	1,265,884	0	$ 621,842,163
15	May-19	611,309,852	3,623,094	124,190,256	17,727,543	156,194,521	9,196,755	23,672,697	19,141,638	611,309,852	1,518,439	5,673,853	332,886	6,807,410	121,594	1,267,831	0	$ 627,031,864
16	Average	$ 586,365,825	$ 3,608,860	$ 124,342,817	$ 17,353,440	$ 151,558,348	$ 9,196,755	$ 23,379,552	$ 18,860,851	$ 586,365,825	$ 1,512,473	$ 5,680,823	$ 325,861	$ 6,605,352	$ 121,594	$ 1,252,131	$ -	$ 601,864,059
17																		
18	**Construction Work in Process (Account 1070)**																	
19																		
20	May-18	$ 11,509,545	$ 404,491	$ 4,577,333	$ -	$ 16,534,753	$ -	$ -	$ -	$ 11,509,545	$ 169,522	$ 209,124	$ -	$ 720,632	$ -	$ -	$ -	$ 12,608,823
21	Jun-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
22	Jul-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
23	Aug-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
24	Sep-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
25	Oct-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
26	Nov-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
27	Dec-18	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
28	Jan-19	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
29	Feb-19	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
30	Mar-19	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
31	Apr-19	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
32	May-19	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0	11,509,545	169,522	209,124	0	720,632	0	0	0	$ 12,608,823
33	Average	$ 11,509,545	$ 404,491	$ 4,577,333	$ -	$ 16,534,753	$ -	$ -	$ -	$ 11,509,545	$ 169,522	$ 209,124	$ -	$ 720,632	$ -	$ -	$ -	$ 12,608,823
34																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2019

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 41.91%	Division 012 4.57%	CKV 1.88%	Division 002 4.36%	Greenville 1.32%	AEAM 5.36%	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-18	$ -	$ 76,075	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,883	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,883
38	Jun-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
39	Jul-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
40	Aug-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
41	Sep-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
42	Oct-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
43	Nov-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
44	Dec-18	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
45	Jan-19	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
46	Feb-19	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
47	Mar-19	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
48	Apr-19	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
49	May-19	0	76,075	0	0	0	0	0	0	0	31,883	0	0	0	0	0	0	$ 31,883
50	Average	$ -	$ 76,075	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,883	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,883
51																		
52	Inventories- Gas Stored (Account 1641)																	
53	*Includes Tennessee stored gas in Division 93 and an allocated portion of Tennessee stored gas in Division 96*																	
54	May-18	$ 2,108,327	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,108,327	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,108,327
55	Jun-18	3,288,112	0	0	0	0	0	0	0	3,288,112	0	0	0	0	0	0	0	$ 3,288,112
56	Jul-18	4,478,889	0	0	0	0	0	0	0	4,478,889	0	0	0	0	0	0	0	$ 4,478,889
57	Aug-18	5,683,914	0	0	0	0	0	0	0	5,683,914	0	0	0	0	0	0	0	$ 5,683,914
58	Sep-18	6,887,311	0	0	0	0	0	0	0	6,887,311	0	0	0	0	0	0	0	$ 6,887,311
59	Oct-18	8,081,345	0	0	0	0	0	0	0	8,081,345	0	0	0	0	0	0	0	$ 8,081,345
60	Nov-18	9,282,707	0	0	0	0	0	0	0	9,282,707	0	0	0	0	0	0	0	$ 9,282,707
61	Dec-18	8,521,578	0	0	0	0	0	0	0	8,521,578	0	0	0	0	0	0	0	$ 8,521,578
62	Jan-19	6,519,389	0	0	0	0	0	0	0	6,519,389	0	0	0	0	0	0	0	$ 6,519,389
63	Feb-19	4,371,037	0	0	0	0	0	0	0	4,371,037	0	0	0	0	0	0	0	$ 4,371,037
64	Mar-19	2,280,758	0	0	0	0	0	0	0	2,280,758	0	0	0	0	0	0	0	$ 2,280,758
65	Apr-19	1,166,332	0	0	0	0	0	0	0	1,166,332	0	0	0	0	0	0	0	$ 1,166,332
66	May-19	2,241,024	0	0	0	0	0	0	0	2,241,024	0	0	0	0	0	0	0	$ 2,241,024
67	Average	$ 4,993,133	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,993,133	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,993,133
68																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2019

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 41.91%	Division 012 4.57%	CKV 1.88%	Division 002 4.36%	Greenville 1.32%	AEAM 5.36%	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-18	$ (1,651,474)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,651,474)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,651,474)
72	Jun-18	(1,651,956)	0	0	0	0	0	0	0	(1,651,956)	0	0	0	0	0	0	0	$ (1,651,956)
73	Jul-18	(1,652,437)	0	0	0	0	0	0	0	(1,652,437)	0	0	0	0	0	0	0	$ (1,652,437)
74	Aug-18	(1,652,919)	0	0	0	0	0	0	0	(1,652,919)	0	0	0	0	0	0	0	$ (1,652,919)
75	Sep-18	(1,653,402)	0	0	0	0	0	0	0	(1,653,402)	0	0	0	0	0	0	0	$ (1,653,402)
76	Oct-18	(1,653,884)	0	0	0	0	0	0	0	(1,653,884)	0	0	0	0	0	0	0	$ (1,653,884)
77	Nov-18	(1,654,366)	0	0	0	0	0	0	0	(1,654,366)	0	0	0	0	0	0	0	$ (1,654,366)
78	Dec-18	(1,654,849)	0	0	0	0	0	0	0	(1,654,849)	0	0	0	0	0	0	0	$ (1,654,849)
79	Jan-19	(1,655,331)	0	0	0	0	0	0	0	(1,655,331)	0	0	0	0	0	0	0	$ (1,655,331)
80	Feb-19	(1,655,814)	0	0	0	0	0	0	0	(1,655,814)	0	0	0	0	0	0	0	$ (1,655,814)
81	Mar-19	(1,656,297)	0	0	0	0	0	0	0	(1,656,297)	0	0	0	0	0	0	0	$ (1,656,297)
82	Apr-19	(1,656,780)	0	0	0	0	0	0	0	(1,656,780)	0	0	0	0	0	0	0	$ (1,656,780)
83	May-19	(1,657,263)	0	0	0	0	0	0	0	(1,657,263)	0	0	0	0	0	0	0	$ (1,657,263)
84	Average	$ (1,654,367)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,654,367)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,654,367)
85																		
86																		
87	**Accumulated Deferred FIT (Total Accounts 1900, 2820, 2830) adjusted to remove a non-utility item**																	
88																		
89	May-18	$ (98,395,598)	$ 4,899,901	$ (28,033,360)	$ -	$ 872,774,773	$ -	$ -	$ -	$ (98,395,598)	$ 2,053,549	$ (1,280,754)	$ -	$ 38,038,056	$ -	$ -	$ -	$ (59,584,748)
90	Jun-18	(99,720,944)	4,901,279	(27,914,996)	0	871,951,341	0	0	0	(99,720,944)	2,054,126	(1,275,346)	0	38,002,168	0	0	0	$ (60,939,996)
91	Jul-18	(100,870,734)	4,902,657	(27,682,768)	0	871,625,921	0	0	0	(100,870,734)	2,054,704	(1,264,737)	0	37,987,985	0	0	0	$ (62,092,782)
92	Aug-18	(101,716,538)	4,904,035	(27,434,879)	0	871,387,085	0	0	0	(101,716,538)	2,055,281	(1,253,411)	0	37,977,576	0	0	0	$ (62,937,092)
93	Sep-18	(102,577,509)	4,905,413	(27,168,340)	0	871,056,687	0	0	0	(102,577,509)	2,055,858	(1,241,234)	0	37,963,176	0	0	0	$ (63,799,708)
94	Oct-18	(105,133,685)	4,907,254	(27,009,785)	0	870,811,542	0	0	0	(105,133,685)	2,056,630	(1,233,990)	0	37,952,492	0	0	0	$ (66,358,552)
95	Nov-18	(105,855,702)	4,908,853	(26,812,475)	0	870,504,510	0	0	0	(105,855,702)	2,057,300	(1,224,976)	0	37,939,111	0	0	0	$ (67,084,266)
96	Dec-18	(106,374,791)	4,910,200	(26,646,683)	0	870,504,824	0	0	0	(106,374,791)	2,057,865	(1,217,401)	0	37,939,125	0	0	0	$ (67,595,202)
97	Jan-19	(106,702,947)	4,911,295	(26,537,839)	0	870,625,313	0	0	0	(106,702,947)	2,058,324	(1,212,428)	0	37,944,376	0	0	0	$ (67,912,675)
98	Feb-19	(106,930,456)	4,910,573	(26,490,269)	0	870,533,024	0	0	0	(106,930,456)	2,058,021	(1,210,255)	0	37,940,354	0	0	0	$ (68,142,336)
99	Mar-19	(107,197,209)	4,911,198	(26,475,560)	0	870,493,766	0	0	0	(107,197,209)	2,058,283	(1,209,583)	0	37,938,643	0	0	0	$ (68,409,866)
100	Apr-19	(107,380,713)	4,911,576	(26,462,488)	0	870,432,244	0	0	0	(107,380,713)	2,058,442	(1,208,986)	0	37,935,961	0	0	0	$ (68,595,296)
101	May-19	(107,457,083)	4,911,700	(26,458,387)	0	870,435,426	0	0	0	(107,457,083)	2,058,493	(1,208,799)	0	37,936,100	0	0	0	$ (68,671,288)
102	Average	$ (104,331,839)	$ 4,907,379	$ (27,009,833)	$ -	$ 871,010,497	$ -	$ -	$ -	$ (104,331,839)	$ 2,056,683	$ (1,233,992)	$ -	$ 37,961,163	$ -	$ -	$ -	$ (65,547,985)
103																		
104														Forecasted Change in NOLC				2,739,593
105																		$ (62,808,393)
106																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2019

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 41.91%	Division 012 4.57%	CKV 1.88%	Division 002 4.36%	Greenville 1.32%	AEAM 5.36%	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-18	$ (200,304,015)	$ (1,964,540)	$ (39,001,733)	$ (3,879,327)	$ (83,004,183)	$ (3,605,577)	$ (14,226,708)	$ (3,517,118)	$ (200,304,015)	$ (823,339)	$ (1,781,864)	$ (72,846)	$ (3,617,563)	$ (47,671)	$ (761,935)	$ -	$ (207,409,232)
110	Jun-18	(200,804,192)	(1,968,588)	(39,419,477)	(3,946,275)	(82,749,020)	(3,628,696)	(14,359,474)	(3,619,692)	(200,804,192)	(825,035)	(1,800,949)	(74,103)	(3,606,442)	(47,976)	(769,046)	0	$ (207,927,743)
111	Jul-18	(201,377,753)	(1,972,636)	(39,979,787)	(4,013,323)	(82,882,492)	(3,651,815)	(14,492,646)	(3,722,572)	(201,377,753)	(826,732)	(1,826,548)	(75,362)	(3,612,259)	(48,282)	(776,178)	0	$ (208,543,113)
112	Aug-18	(202,071,087)	(1,976,684)	(40,560,018)	(4,079,779)	(83,085,971)	(3,674,934)	(14,626,189)	(3,825,734)	(202,071,087)	(828,428)	(1,853,057)	(76,610)	(3,621,128)	(48,588)	(783,330)	0	$ (209,282,227)
113	Sep-18	(202,764,529)	(1,980,732)	(41,163,579)	(4,146,284)	(83,221,929)	(3,698,053)	(14,760,142)	(3,929,207)	(202,764,529)	(830,125)	(1,880,631)	(77,858)	(3,627,053)	(48,893)	(790,504)	0	$ (210,019,594)
114	Oct-18	(202,611,995)	(1,984,780)	(41,600,108)	(4,213,040)	(83,401,098)	(3,721,172)	(14,894,485)	(4,032,976)	(202,611,995)	(831,821)	(1,900,575)	(79,112)	(3,634,862)	(49,199)	(797,699)	0	$ (209,905,263)
115	Nov-18	(203,258,361)	(1,988,828)	(42,126,343)	(4,279,939)	(83,479,354)	(3,744,291)	(15,029,276)	(4,137,084)	(203,258,361)	(833,518)	(1,924,617)	(80,368)	(3,638,272)	(49,505)	(804,918)	0	$ (210,589,559)
116	Dec-18	(203,966,842)	(1,992,876)	(42,651,641)	(4,346,980)	(83,901,176)	(3,767,410)	(15,164,337)	(4,241,397)	(203,966,842)	(835,214)	(1,948,616)	(81,627)	(3,656,657)	(49,810)	(812,152)	0	$ (211,350,918)
117	Jan-19	(204,749,502)	(1,996,924)	(43,119,757)	(4,414,236)	(84,519,214)	(3,790,529)	(15,299,568)	(4,345,839)	(204,749,502)	(836,911)	(1,970,003)	(82,890)	(3,683,592)	(50,116)	(819,394)	0	$ (212,192,409)
118	Feb-19	(205,568,306)	(2,001,027)	(43,480,476)	(4,481,834)	(84,756,525)	(3,813,648)	(15,435,169)	(4,450,561)	(205,568,306)	(838,631)	(1,986,483)	(84,159)	(3,693,935)	(50,422)	(826,656)	0	$ (213,048,592)
119	Mar-19	(206,249,483)	(2,005,130)	(43,766,518)	(4,549,867)	(85,072,304)	(3,836,767)	(15,571,103)	(4,555,536)	(206,249,483)	(840,350)	(1,999,551)	(85,437)	(3,707,698)	(50,727)	(833,937)	0	$ (213,767,183)
120	Apr-19	(206,888,119)	(2,009,233)	(44,079,133)	(4,618,303)	(85,212,149)	(3,859,886)	(15,707,466)	(4,660,835)	(206,888,119)	(842,070)	(2,013,834)	(86,722)	(3,713,793)	(51,033)	(841,240)	0	$ (214,436,810)
121	May-19	(207,421,077)	(2,013,336)	(44,388,276)	(4,687,144)	(85,693,042)	(3,883,005)	(15,844,081)	(4,766,326)	(207,421,077)	(843,789)	(2,027,957)	(88,015)	(3,734,751)	(51,339)	(848,556)	0	$ (215,015,484)
122	Average	$ (203,695,020)	$ (1,988,870)	$ (41,948,988)	$ (4,281,256)	$ (83,921,420)	$ (3,744,291)	$ (15,031,588)	$ (4,138,837)	$ (203,695,020)	$ (833,536)	$ (1,916,514)	$ (80,393)	$ (3,657,539)	$ (49,505)	$ (805,042)	$ -	$ (211,037,548)
123																		
124																		
125	**Customers Advances (Account 2520)**																	
126																		
127	May-18	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,280)
128	Jun-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
129	Jul-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
130	Aug-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
131	Sep-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
132	Oct-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
133	Nov-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
134	Dec-18	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
135	Jan-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
136	Feb-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
137	Mar-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
138	Apr-19	(20,280)	0	0	0	0	0	0	0	(20,280)	0	0	0	0	0	0	0	$ (20,280)
139	May-19	(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, 2019

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 41.91%	Division 012 4.57%	CKV 1.88%	Division 002 4.36%	Greenville 1.32%	AEAM 5.36%	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-18	$ (55,206)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (55,206)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (55,206)
145	Jun-18	(55,222)	0	0	0	0	0	0	0	(55,222)	0	0	0	0	0	0	0	$ (55,222)
146	Jul-18	(55,238)	0	0	0	0	0	0	0	(55,238)	0	0	0	0	0	0	0	$ (55,238)
147	Aug-18	(55,254)	0	0	0	0	0	0	0	(55,254)	0	0	0	0	0	0	0	$ (55,254)
148	Sep-18	(55,270)	0	0	0	0	0	0	0	(55,270)	0	0	0	0	0	0	0	$ (55,270)
149	Oct-18	(55,286)	0	0	0	0	0	0	0	(55,286)	0	0	0	0	0	0	0	$ (55,286)
150	Nov-18	(55,303)	0	0	0	0	0	0	0	(55,303)	0	0	0	0	0	0	0	$ (55,303)
151	Dec-18	(55,319)	0	0	0	0	0	0	0	(55,319)	0	0	0	0	0	0	0	$ (55,319)
152	Jan-19	(55,335)	0	0	0	0	0	0	0	(55,335)	0	0	0	0	0	0	0	$ (55,335)
153	Feb-19	(55,351)	0	0	0	0	0	0	0	(55,351)	0	0	0	0	0	0	0	$ (55,351)
154	Mar-19	(55,367)	0	0	0	0	0	0	0	(55,367)	0	0	0	0	0	0	0	$ (55,367)
155	Apr-19	(55,383)	0	0	0	0	0	0	0	(55,383)	0	0	0	0	0	0	0	$ (55,383)
156	May-19	(55,399)	0	0	0	0	0	0	0	(55,399)	0	0	0	0	0	0	0	$ (55,399)
157	Average	$ (55,303)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (55,303)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (55,303)
158																		
159	**Net elimination of intercompany leased property**																	
160																		
161	May-18	$ 5,392,247	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,392,247	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,392,247
162	Jun-18	5,374,852	0	0	0	0	0	0	0	5,374,852	0	0	0	0	0	0	0	$ 5,374,852
163	Jul-18	5,357,458	0	0	0	0	0	0	0	5,357,458	0	0	0	0	0	0	0	$ 5,357,458
164	Aug-18	5,340,064	0	0	0	0	0	0	0	5,340,064	0	0	0	0	0	0	0	$ 5,340,064
165	Sep-18	5,322,670	0	0	0	0	0	0	0	5,322,670	0	0	0	0	0	0	0	$ 5,322,670
166	Oct-18	5,305,275	0	0	0	0	0	0	0	5,305,275	0	0	0	0	0	0	0	$ 5,305,275
167	Nov-18	5,287,881	0	0	0	0	0	0	0	5,287,881	0	0	0	0	0	0	0	$ 5,287,881
168	Dec-18	5,270,487	0	0	0	0	0	0	0	5,270,487	0	0	0	0	0	0	0	$ 5,270,487
169	Jan-19	5,253,093	0	0	0	0	0	0	0	5,253,093	0	0	0	0	0	0	0	$ 5,253,093
170	Feb-19	5,235,698	0	0	0	0	0	0	0	5,235,698	0	0	0	0	0	0	0	$ 5,235,698
171	Mar-19	5,218,304	0	0	0	0	0	0	0	5,218,304	0	0	0	0	0	0	0	$ 5,218,304
172	Apr-19	5,200,910	0	0	0	0	0	0	0	5,200,910	0	0	0	0	0	0	0	$ 5,200,910
173	May-19	5,183,516	0	0	0	0	0	0	0	5,183,516	0	0	0	0	0	0	0	$ 5,183,516
174	Average	$ 5,287,881	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,287,881	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,287,881
175																		

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended May 31, 2019

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 41.91%	Division 012 4.57%	CKV 1.88%	Division 002 4.36%	Greenville 1.32%	AEAM 5.36%	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)					346,409,781												
180																		
181	Required Operating Income					25,149,350												
182																		
183	Interest Deduction					7,690,297												
184																		
185	Return on Equity Portion of Rate Base					17,459,053												
186																		
187	Return, grossed up for Income Tax					28,684,494												
188																		
189	Tax Expense on Return					11,225,439												
190																		
191	Change In ADIT, excluding forecasted change in NOLC					(13,965,033)												
192	Required Change in NOLC					2,739,594												
193																		
194	**Total Required Change in Accumulated Deferred Income Taxes**[1]					(11,225,439)												
195																		
196																		
197	**ADIT Reconciliation**																	
198	**13-Month Average ADIT, Base Period**					**(51,582,952)**												
199																		
200	13-Month Average ADIT, Forecasted Period, excl, Change in NOLC					(65,547,985)												
201	Change in NOLC					2,739,594												
202	**Forecasted 13-month Average ADIT in Rate Base**					**(62,808,391)**												
203																		
204	**Total Required Change in Accumulated Deferred Income Taxes**					**(11,225,439)**												
205																		
206																		
207	1Because the Company is in a NOLC position, the total change in ADIT must equal the tax expenses included in revenue requirement																	

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2017

Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN
FY16	100%	43.23%	4.46%	0.97%	4.43%	1.33%	5.31%	0.00%
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%

Line No.	Month	Division 093 - Tennessee	Division 091 - Mid-States General Office	Division 012 - SSU Customer	CKV	Division 002 - SSU General	Greenville	AEAM	ALGN	FY17 (Jan-Sep)	100%	41.88%	4.52%	1.86%	4.33%	1.29%	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-16	$ 488,567,203	$ 3,838,257	$ 125,095,393	$ 15,067,448	$ 133,411,908	$ 9,196,755	$ 21,970,034	$ 17,637,860		$ 488,567,203	$ 1,659,431	$ 5,581,620	$ 145,447	$ 5,906,356	$ 122,748	$ 1,166,418	$ -	$ 503,149,223
4	Oct-16	490,955,226	3,838,257	125,312,693	15,067,448	136,534,428	9,196,755	21,970,034	17,713,576		490,955,226	1,604,886	5,663,485	280,082	5,823,077	118,539	1,141,858	0	505,587,154
5	Nov-16	497,240,207	3,838,257	125,312,554	15,067,448	138,730,739	9,196,755	21,970,034	17,840,215		497,240,207	1,607,365	5,663,478	280,082	6,047,892	118,539	1,179,504	0	512,137,068
6	Dec-16	500,874,792	3,532,066	124,480,648	15,067,448	143,947,579	9,196,755	22,527,307	18,093,299		500,874,792	1,479,140	5,625,880	280,082	6,275,317	118,539	1,209,422	0	515,863,173
7	Jan-17	502,584,981	3,569,607	124,588,243	15,229,806	145,492,815	9,196,755	22,527,307	18,115,631		502,584,981	1,494,862	5,630,743	283,100	6,306,124	118,539	1,208,479	0	517,626,828
8	Feb-17	505,104,362	3,569,607	124,606,630	15,244,500	145,505,267	9,196,755	22,527,307	18,157,511		505,104,362	1,494,862	5,631,574	283,373	6,306,664	118,539	1,208,479	0	520,147,853
9	Mar-17	506,783,305	3,582,953	124,711,811	15,250,689	140,984,161	9,196,755	22,527,307	18,160,101		506,783,305	1,500,451	5,636,328	283,488	6,110,705	118,539	1,208,479	0	521,641,295
10	Apr-17	509,204,724	3,582,953	124,756,304	15,782,343	141,006,278	9,196,755	22,527,307	18,160,101		509,204,724	1,500,451	5,638,339	293,371	6,111,663	118,539	1,208,479	0	524,075,565
11	May-17	510,667,644	3,582,953	124,532,578	15,792,825	141,266,366	9,196,755	22,527,307	18,160,101		510,667,644	1,500,451	5,628,227	293,566	6,122,936	118,539	1,208,479	0	525,539,842
12	Jun-17	512,780,670	3,582,953	124,601,031	16,300,332	140,598,803	9,196,755	22,699,540	18,160,101		512,780,670	1,500,451	5,631,321	303,000	6,094,002	118,539	1,217,718	0	527,645,701
13	Jul-17	516,664,668	3,582,953	124,588,913	16,512,152	141,072,762	9,196,755	22,689,385	18,160,101		516,664,668	1,500,451	5,630,774	306,937	6,114,545	118,539	1,217,173	0	531,553,087
14	Aug-17	518,815,570	3,582,953	124,601,489	16,603,858	140,687,509	9,196,755	22,640,638	18,160,101		518,815,570	1,500,451	5,631,342	308,642	6,097,847	118,539	1,214,558	0	533,686,949
15	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	0	542,493,225
16	Average	$ 506,761,030	$ 3,635,902	$ 124,756,582	$ 15,661,011	$ 140,709,743	$ 9,196,755	$ 22,441,857	$ 18,052,215		$ 506,761,030	$ 1,526,439	$ 5,632,809	$ 280,759	$ 6,106,512	$ 118,863	$ 1,200,277	$ -	$ 521,626,689
17																			
18	**Construction Work in Process (Account 1070)**																		
19																			
20	Sep-16	$ 5,923,408	$ 478,270	$ 3,463,699	$ -	$ 14,245,888	$ -	$ -	$ -		$ 5,923,408	$ 206,775	$ 154,546	$ -	$ 630,688	$ -	$ -	$ -	$ 6,915,418
21	Oct-16	7,930,419	409,022	3,457,249	0	12,792,468	0	0	0		7,930,419	171,024	156,250	0	545,588	0	0	0	8,803,281
22	Nov-16	9,344,680	392,928	3,748,167	0	15,016,644	0	0	0		9,344,680	164,548	169,398	0	654,642	0	0	0	10,333,269
23	Dec-16	8,309,413	747,893	2,139,615	0	5,911,075	0	0	0		8,309,413	313,199	96,699	0	257,690	0	0	0	8,977,001
24	Jan-17	11,238,408	578,465	2,160,833	0	5,730,948	0	0	0		11,238,408	242,247	97,658	0	248,398	0	0	0	11,826,711
25	Feb-17	11,056,540	669,905	2,489,320	0	7,419,945	0	0	0		11,056,540	280,539	112,504	0	321,604	0	0	0	11,771,188
26	Mar-17	11,840,976	1,069,745	3,073,692	0	8,701,524	0	0	0		11,840,976	447,982	138,915	0	377,152	0	0	0	12,805,025
27	Apr-17	12,602,332	1,060,264	2,654,976	0	9,295,460	0	0	0		12,602,332	444,012	119,991	0	402,895	0	0	0	13,569,231
28	May-17	16,432,691	980,617	2,851,995	0	7,905,731	0	0	0		16,432,691	410,658	128,895	0	342,660	0	0	0	17,314,904
29	Jun-17	16,140,813	549,837	3,405,055	0	9,307,306	0	0	0		16,140,813	230,258	153,891	0	403,408	0	0	0	16,928,370
30	Jul-17	17,030,243	601,312	4,068,481	0	8,332,443	0	0	0		17,030,243	251,814	183,874	0	361,155	0	0	0	17,827,087
31	Aug-17	18,264,926	325,370	4,419,253	0	10,085,662	0	0	0		18,264,926	136,257	199,727	0	437,145	0	0	0	19,038,055
32	Sep-17	11,509,545	404,491	4,577,333	0	16,534,753	0	0	0		11,509,545	169,391	206,872	0	716,669	0	0	0	12,602,477
33	Average	$ 12,124,954	$ 636,009	$ 3,269,974	$ -	$ 10,098,450	$ -	$ -	$ -		$ 12,124,954	$ 266,823	$ 147,632	$ -	$ 438,438	$ -	$ -	$ -	$ 12,977,847

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2017

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
										FY16	100%	43.23%	4.46%	0.97%	4.43%	1.33%	5.31%	0.00%	
										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%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
34																			
35	**Inventories- Plant Materials (Account 1540)**																		
36																			
37	Sep-16	$ -	$ 76,110	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ 32,906	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,906
38	Oct-16	-	76,110	0	0	0	0	0	0		0	31,824	0	0	0	0	0	0	31,824
39	Nov-16	-	76,110	0	0	0	0	0	0		0	31,873	0	0	0	0	0	0	31,873
40	Dec-16	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
41	Jan-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
42	Feb-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
43	Mar-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
44	Apr-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
45	May-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
46	Jun-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
47	Jul-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
48	Aug-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
49	Sep-17	-	76,075	0	0	0	0	0	0		0	31,858	0	0	0	0	0	0	31,858
50	Average	$ -	$ 76,084	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ 31,937	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,937
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-16	$ 5,650,158	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 5,650,158	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,650,158
56	Oct-16	6,878,439	0	0	0	0	0	0	0		6,878,439	0	0	0	0	0	0	0	6,878,439
57	Nov-16	6,356,978	0	0	0	0	0	0	0		6,356,978	0	0	0	0	0	0	0	6,356,978
58	Dec-16	5,282,069	0	0	0	0	0	0	0		5,282,069	0	0	0	0	0	0	0	5,282,069
59	Jan-17	4,705,093	0	0	0	0	0	0	0		4,705,093	0	0	0	0	0	0	0	4,705,093
60	Feb-17	2,746,492	0	0	0	0	0	0	0		2,746,492	0	0	0	0	0	0	0	2,746,492
61	Mar-17	1,029,938	0	0	0	0	0	0	0		1,029,938	0	0	0	0	0	0	0	1,029,938
62	Apr-17	2,079,000	0	0	0	0	0	0	0		2,079,000	0	0	0	0	0	0	0	2,079,000
63	May-17	3,324,309	0	0	0	0	0	0	0		3,324,309	0	0	0	0	0	0	0	3,324,309
64	Jun-17	4,173,868	0	0	0	0	0	0	0		4,173,868	0	0	0	0	0	0	0	4,173,868
65	Jul-17	5,248,371	0	0	0	0	0	0	0		5,248,371	0	0	0	0	0	0	0	5,248,371
66	Aug-17	6,348,943	0	0	0	0	0	0	0		6,348,943	0	0	0	0	0	0	0	6,348,943
67	Sep-17	7,351,047	0	0	0	0	0	0	0		7,351,047	0	0	0	0	0	0	0	7,351,047
68	Average	$ 4,705,747	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 4,705,747	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,705,747

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2017

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
										FY16	100%	43.23%	4.46%	0.97%	4.43%	1.33%	5.31%	0.00%	
										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%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
69																			
70	**Customers Deposits (Account 2350)**																		
71																			
72	Sep-16	$ (4,700,779)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (4,700,779)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (4,700,779)
73	Oct-16	(4,688,575)	0	0	0	0	0	0	0		(4,688,575)	0	0	0	0	0	0	0	(4,688,575)
74	Nov-16	(4,711,651)	0	0	0	0	0	0	0		(4,711,651)	0	0	0	0	0	0	0	(4,711,651)
75	Dec-16	(3,316,843)	0	0	0	0	0	0	0		(3,316,843)	0	0	0	0	0	0	0	(3,316,843)
76	Jan-17	(2,493,914)	0	0	0	0	0	0	0		(2,493,914)	0	0	0	0	0	0	0	(2,493,914)
77	Feb-17	(2,151,848)	0	0	0	0	0	0	0		(2,151,848)	0	0	0	0	0	0	0	(2,151,848)
78	Mar-17	(1,999,819)	0	0	0	0	0	0	0		(1,999,819)	0	0	0	0	0	0	0	(1,999,819)
79	Apr-17	(1,897,832)	0	0	0	0	0	0	0		(1,897,832)	0	0	0	0	0	0	0	(1,897,832)
80	May-17	(1,855,686)	0	0	0	0	0	0	0		(1,855,686)	0	0	0	0	0	0	0	(1,855,686)
81	Jun-17	(1,789,099)	0	0	0	0	0	0	0		(1,789,099)	0	0	0	0	0	0	0	(1,789,099)
82	Jul-17	(1,726,902)	0	0	0	0	0	0	0		(1,726,902)	0	0	0	0	0	0	0	(1,726,902)
83	Aug-17	(1,679,874)	0	0	0	0	0	0	0		(1,679,874)	0	0	0	0	0	0	0	(1,679,874)
84	Sep-17	(1,647,626)	0	0	0	0	0	0	0		(1,647,626)	0	0	0	0	0	0	0	(1,647,626)
85	Average	$ (2,666,188)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (2,666,188)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (2,666,188)
86																			
87																			
88	**Accumulated Deferred FIT (Total Accounts 1900, 2820, 2830)**																		
89																			
90	Sep-16	$ (85,402,622)	$ 9,861,808	$ (28,491,717)	$ -	$ 852,089,534	$ -	$ -	$ -		$ (85,402,622)	$ 4,263,651	$ (1,271,269)	$ -	$ 37,723,350	$ -	$ -	$ -	$ (44,686,890)
91	Oct-16	(85,402,622)	9,861,808	(28,491,717)	-	834,285,863	-	-	-		(85,402,622)	4,123,508	(1,287,678)	0	35,581,583	0	0	0	(46,985,210)
92	Nov-16	(85,402,622)	9,861,808	(28,491,717)	-	805,188,489	-	-	-		(85,402,622)	4,129,878	(1,287,678)	0	35,101,757	0	0	0	(47,458,665)
93	Dec-16	(85,402,622)	65,097	(28,491,717)	-	833,511,220	-	-	-		(85,402,622)	27,261	(1,287,678)	0	36,336,472	0	0	0	(50,326,568)
94	Jan-17	(85,402,622)	65,097	(28,491,717)	-	831,184,241	-	-	-		(85,402,622)	27,261	(1,287,678)	0	36,026,185	0	0	0	(50,636,854)
95	Feb-17	(85,402,622)	65,097	(28,491,717)	-	829,570,986	-	-	-		(85,402,622)	27,261	(1,287,678)	0	35,956,261	0	0	0	(50,706,778)
96	Mar-17	(85,402,622)	(6,249,570)	(28,491,717)	-	793,306,676	-	-	-		(85,402,622)	(2,617,163)	(1,287,678)	0	34,384,450	0	0	0	(54,923,013)
97	Apr-17	(85,402,622)	(6,249,570)	(28,491,717)	-	801,236,549	-	-	-		(85,402,622)	(2,617,163)	(1,287,678)	0	34,728,156	0	0	0	(54,579,307)
98	May-17	(85,402,622)	(6,249,570)	(28,491,717)	-	807,248,913	-	-	-		(85,402,622)	(2,617,163)	(1,287,678)	0	34,988,751	0	0	0	(54,318,712)
99	Jun-17	(85,402,622)	(9,661,508)	(28,491,717)	-	821,041,564	-	-	-		(85,402,622)	(4,045,997)	(1,287,678)	0	35,586,569	0	0	0	(55,149,728)
100	Jul-17	(85,402,622)	(9,661,508)	(28,491,717)	-	820,294,030	-	-	-		(85,402,622)	(4,045,997)	(1,287,678)	0	35,554,168	0	0	0	(55,182,129)
101	Aug-17	(85,402,622)	(9,661,508)	(28,491,717)	-	827,892,209	-	-	-		(85,402,622)	(4,045,997)	(1,287,678)	0	35,883,498	0	0	0	(54,852,799)
102	Sep-17	(89,403,236)	4,893,125	(28,881,192)	-	874,131,934	-	-	-		(89,403,236)	2,049,118	(1,305,280)	0	37,887,675	0	0	0	(50,771,723)
103	Average	$ (85,710,361)	$ (1,004,569)	$ (28,521,676)	$ -	$ 825,460,170	$ -	$ -	$ -		$ (85,710,361)	$ (410,888)	$ (1,287,770)	$ -	$ 35,826,067	$ -	$ -	$ -	$ (51,582,952)

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2017

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
										FY16	100%	43.23%	4.46%	0.97%	4.43%	1.33%	5.31%	0.00%	
										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%	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)				(h)	(i)	(j)	(k)	(l)	(m)			(n)
104																			
105	**Accumulated Depreciation (Account 1080)**																		
106																			
107	Sep-16	$ (186,693,147)	$ (2,190,947)	$ (31,838,422)	$ (2,834,434)	$ (79,901,486)	$ (2,807,442)	$ (11,680,946)	$ (935,438)		$ (186,693,147)	$ (947,233)	$ (1,420,596)	$ (27,361)	$ (3,537,365)	$ (37,471)	$ (620,157)	$ -	$ (193,283,329)
108	Oct-16	(187,330,245)	(2,195,012)	(32,480,695)	(2,876,312)	(80,686,229)	(2,864,132)	(11,805,436)	(1,091,052)		(187,330,245)	(917,798)	(1,467,959)	(53,466)	(3,441,199)	(36,916)	(613,569)	0	(193,861,153)
109	Nov-16	(191,009,257)	(2,199,011)	(33,122,968)	(2,918,189)	(81,478,246)	(2,920,821)	(11,930,153)	(1,247,277)		(191,009,257)	(920,891)	(1,496,987)	(54,245)	(3,552,000)	(37,647)	(640,493)	0	(197,711,520)
110	Dec-16	(191,611,712)	(1,896,693)	(30,010,547)	(2,960,067)	(79,041,905)	(2,977,471)	(12,055,934)	(1,404,844)		(191,611,712)	(794,288)	(1,356,321)	(55,023)	(3,445,789)	(38,377)	(647,246)	0	(197,948,757)
111	Jan-17	(192,285,441)	(1,900,632)	(30,650,714)	(3,001,944)	(79,891,891)	(3,034,053)	(12,181,828)	(1,562,238)		(192,285,441)	(795,937)	(1,385,254)	(55,802)	(3,462,770)	(39,107)	(653,495)	0	(198,677,804)
112	Feb-17	(193,013,288)	(1,904,570)	(31,290,956)	(3,043,870)	(80,741,787)	(3,090,635)	(12,307,705)	(1,719,908)		(193,013,288)	(797,586)	(1,414,189)	(56,581)	(3,499,607)	(39,836)	(660,248)	0	(199,481,335)
113	Mar-17	(193,501,139)	(1,908,540)	(31,929,684)	(3,085,633)	(77,051,490)	(3,147,217)	(12,433,581)	(1,877,597)		(193,501,139)	(799,249)	(1,443,056)	(57,357)	(3,339,658)	(40,565)	(667,000)	0	(199,848,025)
114	Apr-17	(194,188,532)	(1,912,511)	(32,570,658)	(3,127,400)	(77,878,388)	(3,203,799)	(12,559,457)	(2,035,287)		(194,188,532)	(800,912)	(1,472,025)	(58,134)	(3,375,499)	(41,295)	(673,753)	0	(200,610,148)
115	May-17	(194,842,131)	(1,916,482)	(33,210,171)	(3,169,221)	(78,706,022)	(3,260,381)	(12,685,334)	(2,192,977)		(194,842,131)	(802,574)	(1,500,928)	(58,911)	(3,411,371)	(42,024)	(680,505)	0	(201,338,445)
116	Jun-17	(194,511,163)	(1,920,452)	(33,850,241)	(3,225,120)	(79,434,371)	(3,316,963)	(12,782,576)	(2,350,667)		(194,511,163)	(804,237)	(1,529,856)	(59,950)	(3,442,940)	(42,753)	(685,722)	0	(201,076,621)
117	Jul-17	(195,196,836)	(1,924,423)	(34,490,180)	(3,273,536)	(80,264,436)	(3,373,545)	(12,909,083)	(2,508,356)		(195,196,836)	(805,900)	(1,558,777)	(60,850)	(3,478,918)	(43,482)	(692,509)	0	(201,837,272)
118	Aug-17	(195,912,541)	(1,928,394)	(35,130,304)	(3,306,450)	(81,070,569)	(3,397,085)	(13,051,967)	(2,607,679)		(195,912,541)	(807,563)	(1,587,708)	(61,462)	(3,513,858)	(43,786)	(700,174)	0	(202,627,091)
119	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)	0	(202,712,815)
120	Average	$ (192,773,344)	$ (1,979,233)	$ (32,795,897)	$ (3,090,615)	$ (79,788,785)	$ (3,139,551)	$ (12,427,879)	$ (1,864,640)		$ (192,773,344)	$ (831,030)	$ (1,480,794)	$ (55,502)	$ (3,462,802)	$ (40,565)	$ (664,756)	$ -	$ (199,308,794)
121																			
122																			
123	**Customers Advances (Account 2520)**																		
124																			
125	Sep-16	$ (76,428)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (76,428)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (76,428)
126	Oct-16	(11,680)	-	-	-	-	-	-	-		(11,680)	0	0	0	0	0	0	0	(11,680)
127	Nov-16	(11,680)	-	-	-	-	-	-	-		(11,680)	0	0	0	0	0	0	0	(11,680)
128	Dec-16	(11,680)	-	-	-	-	-	-	-		(11,680)	0	0	0	0	0	0	0	(11,680)
129	Jan-17	(11,680)	-	-	-	-	-	-	-		(11,680)	0	0	0	0	0	0	0	(11,680)
130	Feb-17	(11,680)	-	-	-	-	-	-	-		(11,680)	0	0	0	0	0	0	0	(11,680)
131	Mar-17	(11,680)	-	-	-	-	-	-	-		(11,680)	0	0	0	0	0	0	0	(11,680)
132	Apr-17	(16,580)	-	-	-	-	-	-	-		(16,580)	0	0	0	0	0	0	0	(16,580)
133	May-17	(16,580)	-	-	-	-	-	-	-		(16,580)	0	0	0	0	0	0	0	(16,580)
134	Jun-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
135	Jul-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
136	Aug-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
137	Sep-17	(20,280)	-	-	-	-	-	-	-		(20,280)	0	0	0	0	0	0	0	(20,280)
138	Average	$ (20,061)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (20,061)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (20,061)

Tennessee Distribution System
Reallocation of Rate Base Items at Proforma Allocation Factors
Twelve Months Ended September 30, 2017

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
										FY16	100%	43.23%	4.46%	0.97%	4.43%	1.33%	5.31%	0.00%	
										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%	
	(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-16	$ (88,900)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (88,900)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (88,900)
143	Oct-16	(99,956)	0	0	0	0	0	0	0		(99,956)	0	0	0	0	0	0	0	(99,956)
144	Nov-16	(110,824)	0	0	0	0	0	0	0		(110,824)	0	0	0	0	0	0	0	(110,824)
145	Dec-16	(42,541)	0	0	0	0	0	0	0		(42,541)	0	0	0	0	0	0	0	(42,541)
146	Jan-17	(49,705)	0	0	0	0	0	0	0		(49,705)	0	0	0	0	0	0	0	(49,705)
147	Feb-17	(871)	0	0	0	0	0	0	0		(871)	0	0	0	0	0	0	0	(871)
148	Mar-17	(8,450)	0	0	0	0	0	0	0		(8,450)	0	0	0	0	0	0	0	(8,450)
149	Apr-17	(14,918)	0	0	0	0	0	0	0		(14,918)	0	0	0	0	0	0	0	(14,918)
150	May-17	(29,971)	0	0	0	0	0	0	0		(29,971)	0	0	0	0	0	0	0	(29,971)
151	Jun-17	(40,880)	0	0	0	0	0	0	0		(40,880)	0	0	0	0	0	0	0	(40,880)
152	Jul-17	(47,012)	0	0	0	0	0	0	0		(47,012)	0	0	0	0	0	0	0	(47,012)
153	Aug-17	(51,676)	0	0	0	0	0	0	0		(51,676)	0	0	0	0	0	0	0	(51,676)
154	Sep-17	(55,077)	0	0	0	0	0	0	0		(55,077)	0	0	0	0	0	0	0	(55,077)
155	Average	$ (49,291)	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ (49,291)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (49,291)
156																			
157																			
158	**Net elimination of intercompany leased property**																		
159																			
160	Sep-16	$ 6,437,841	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 6,437,841	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,437,841
161	Oct-16	6,413,813	0	0	0	0	0	0	0		6,413,813	0	0	0	0	0	0	0	6,413,813
162	Nov-16	5,700,276	0	0	0	0	0	0	0		5,700,276	0	0	0	0	0	0	0	5,700,276
163	Dec-16	5,682,917	0	0	0	0	0	0	0		5,682,917	0	0	0	0	0	0	0	5,682,917
164	Jan-17	5,665,558	0	0	0	0	0	0	0		5,665,558	0	0	0	0	0	0	0	5,665,558
165	Feb-17	5,648,200	0	0	0	0	0	0	0		5,648,200	0	0	0	0	0	0	0	5,648,200
166	Mar-17	5,630,841	0	0	0	0	0	0	0		5,630,841	0	0	0	0	0	0	0	5,630,841
167	Apr-17	5,613,483	0	0	0	0	0	0	0		5,613,483	0	0	0	0	0	0	0	5,613,483
168	May-17	5,596,124	0	0	0	0	0	0	0		5,596,124	0	0	0	0	0	0	0	5,596,124
169	Jun-17	5,578,765	0	0	0	0	0	0	0		5,578,765	0	0	0	0	0	0	0	5,578,765
170	Jul-17	5,561,407	0	0	0	0	0	0	0		5,561,407	0	0	0	0	0	0	0	5,561,407
171	Aug-17	5,544,048	0	0	0	0	0	0	0		5,544,048	0	0	0	0	0	0	0	5,544,048
172	Sep-17	5,531,400	0	0	0	0	0	0	0		5,531,400	0	0	0	0	0	0	0	5,531,400
173	Average	$ 5,738,821	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 5,738,821	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,738,821

Tennessee Distribution System
Pension Regulated Asset
Twelve Months Ended May 31, 2019

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				

Line No.		Amortization Expense	Regulated Asset Balance	
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		-	
61	Annual Amortization	$ -	$ -	13 month average

Tennessee Distribution System
Accumulated Deferred Income Tax
Shared Services Division 002
Twelve Months Ended May 31, 2019

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-16	620,407,979	(231,681,555)	725,716,695	126,372,839	852,089,534
2	Oct-16	602,604,308	(231,681,555)	725,716,695	108,569,168	834,285,863
3	Nov-16	573,506,934	(231,681,555)	725,716,695	79,471,794	805,188,489
4	Dec-16	594,031,560	(239,479,660)	761,090,475	72,420,745	833,511,220
5	Jan-17	591,704,581	(239,479,660)	761,090,475	70,093,766	831,184,241
6	Feb-17	590,091,326	(239,479,660)	761,090,475	68,480,511	829,570,986
7	Mar-17	540,216,037	(253,090,639)	725,798,687	67,507,989	793,306,676
8	Apr-17	548,145,910	(253,090,639)	725,798,687	75,437,862	801,236,549
9	May-17	554,158,274	(253,090,639)	725,798,687	81,450,226	807,248,913
10	Jun-17	552,043,208	(268,998,356)	745,188,374	75,853,191	821,041,564
11	Jul-17	551,295,674	(268,998,356)	745,188,374	75,105,656	820,294,030
12	Aug-17	558,893,853	(268,998,356)	745,188,374	82,703,835	827,892,209
13	Sep-17	624,714,887	(249,417,047)	782,273,564	91,858,370	874,131,934
14	Oct-17	624,386,198	(249,417,047)	782,273,564	91,529,681	873,803,245
15	Nov-17	623,926,335	(249,417,047)	782,273,564	91,069,818	873,343,382
16	Dec-17	623,907,649	(249,417,047)	782,273,564	91,051,132	873,324,696
17	Jan-18	624,140,773	(249,417,047)	782,273,564	91,284,256	873,557,820
18	Feb-18	623,877,972	(249,417,047)	782,273,564	91,021,455	873,295,019
19	Mar-18	623,713,093	(249,417,047)	782,273,564	90,856,576	873,130,140
20	Apr-18	623,316,353	(249,417,047)	782,273,564	90,459,836	872,733,400
21	May-18	623,357,726	(249,417,047)	782,273,564	90,501,209	872,774,773
22	Jun-18	622,534,294	(249,417,047)	782,273,564	89,677,777	871,951,341
23	Jul-18	622,208,874	(249,417,047)	782,273,564	89,352,357	871,625,921
24	Aug-18	621,970,038	(249,417,047)	782,273,564	89,113,521	871,387,085
25	Sep-18	621,639,640	(249,417,047)	782,273,564	88,783,123	871,056,687
26	Oct-18	621,394,495	(249,417,047)	782,273,564	88,537,978	870,811,542
27	Nov-18	621,087,463	(249,417,047)	782,273,564	88,230,946	870,504,510
28	Dec-18	621,087,777	(249,417,047)	782,273,564	88,231,260	870,504,824
29	Jan-19	621,208,266	(249,417,047)	782,273,564	88,351,749	870,625,313
30	Feb-19	621,115,977	(249,417,047)	782,273,564	88,259,460	870,533,024
31	Mar-19	621,076,719	(249,417,047)	782,273,564	88,220,202	870,493,766
32	Apr-19	621,015,197	(249,417,047)	782,273,564	88,158,680	870,432,244
33	May-19	621,018,379	(249,417,047)	782,273,564	88,161,862	870,435,426

[1] FD - NOL Credit Carryforward - Non Reg

Atmos Energy Corporation-Tennessee
Cash Working Capital Lead/Lag Analysis
For Forward Looking Attrition Year Twelve Months Ended May 31, 2019

Line No.		Base Period	Attrition Year
1	Reveune Lag	37.50	37.50
2			
3	Expense Lag	33.69	33.90
4			
5	Net Lag	3.81	3.60
6			
7	Daily Cost of Service	346,611	363,043
8			
9	Cash Working Capital	1,320,407	1,308,206

Atmos Energy Corporation-Tennessee
Cash Working Capital Lead/Lag Analysis
For Forward Looking Attrition Year Twelve Months Ended May 31, 2019

Line No.	Description		Attrition Year Expenses	Expense Lag	CWC Requirement (b) x (c)
	(a)		(b)	(c)	(d)
1	Gas Supply Expense				
2	Purchased Gas		52,706,715	39.33	2,072,955,109
3					
4	Operation and Maintenance Expense				
5	O&M, Labor		8,122,232	14.07	114,279,809
6	O&M, Non-Labor		13,604,851	29.44	400,526,804
7	Total O&M Expense		21,727,083		514,806,613
8					
9					
10	Taxes Other Than Income				
11	Ad Valorem		4,846,884	241.50	1,170,522,486
12	State Gross Receipts Tax		856,423	(151.50)	(129,748,085)
13	Payroll Taxes		240,395	15.41	3,704,414
14	Franchise Tax		722,000	37.50	27,075,002
15	TRA Inspection Fee		478,293	272.50	130,334,810
16	DOT		-	59.00	-
17					
18	Allocated Taxes-Shared Services				
19	Ad Valorem	14%	51,182	241.50	12,360,511
20	Payroll Taxes	86%	309,084	15.41	4,762,887
21					
22	Allocated Taxes-Business Unit				
23	Ad Valorem	27%	37,592	241.50	9,078,490
24	Payroll Taxes	73%	103,551	15.41	1,595,692
25	Total Taxes Other Than Income		7,645,406		1,229,686,206
26					
27	Federal Income Tax		*9,365,265*		
28	Current Taxes		1	37.50	51
29	Deferred Taxes		9,365,265	-	-
30					
31	State Excise Tax		*1,860,175*		
32	Current Taxes		0	37.50	10
33	Deferred Taxes		1,860,175	-	-
34					
35	Depreciation		13,999,819	-	-
36					
37	Interest on Customer Deposits		69,649	182.50	12,710,916
38					
39	Interest Expense - LTD		7,274,605	91.25	663,807,743
40					
41	Interest Expense - STD		415,692	24.05	9,996,833
42					
43	Return on Equity		17,809,376	-	-
44					
45					
46	TOTAL		132,873,786	33.90	4,503,963,481
47					
48	Daily Cost of Service		363,043		
49					
50					

Atmos Energy Corporation-Tennessee
Cash Working Capital Lead/Lag Analysis
For Historic Base Period September 30, 2017

Line No.	Description		Histori Base Period	Expense Lag	CWC Requirement (b) x (c)
	(a)		(b)	(c)	(d)
1	Gas Supply Expense				
2	Purchased Gas		52,706,715	39.33	2,072,955,109
3					
4	Operation and Maintenance Expense				
5	O&M, Labor		7,966,684	14.07	112,091,251
6	O&M, Non-Labor		14,727,446	29.44	433,576,021
7	Total O&M Expense		22,694,131		545,667,272
8					
9					
10	Taxes Other Than Income				
11	Ad Valorem		4,383,948	241.50	1,058,723,442
12	State Gross Receipts Tax		1,288,625	(151.50)	(195,226,666)
13	Payroll Taxes		228,613	15.41	3,522,844
14	Franchise Tax		722,000	37.50	27,075,002
15	TRA Inspection Fee		522,957	272.50	142,505,731
16	DOT		20,312	59.00	1,198,382
17					
18	Allocated Taxes-Shared Services				
19	Ad Valorem	0%	-	241.50	-
20	Payroll Taxes	100%	328,414	15.41	5,060,747
21					
22	Allocated Taxes-Business Unit				
23	Ad Valorem	36%	57,484	241.50	13,882,487
24	Payroll Taxes	64%	100,317	15.41	1,545,858
25	Total Taxes Other Than Income		7,652,670		1,058,287,825
26					
27	Federal Income Tax		*8,143,704*		
28	Current Taxes		-	37.50	-
29	Deferred Taxes		8,143,704	-	-
30					
31	State Excise Tax		*1,617,542*		
32	Current Taxes		-	37.50	-
33	Deferred Taxes		1,617,542	-	-
34					
35	Depreciation		12,218,516	-	-
36					
37	Interest on Customer Deposits		112,247	182.50	20,484,991
38					
39	Interest Expense - LTD		6,098,798	91.25	556,515,275
40					
41	Interest Expense - STD		348,503	24.05	8,381,027
42					
43	Return on Equity		14,920,248	-	-
44					
45					
46	TOTAL		126,513,072	33.69	4,262,291,499
47					
48	Daily Cost of Service		346,611		
49					
50					

Tennessee Distribution System
Amortization Schedule of Capitalized Incentive Compensation Adjustment
For Forward Looking Attrition Year Twelve Months Ended May 31, 2019

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	1,132,265	29,796
5	Docket No. 17-00012, 2017 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-18	888,256	20,657
	Docket No. 17-00091, 2017 TN ARM Reconciliation Filing Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-17	1,223,712	29,847
6	Docket No. 18-XXXXX, 2018 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-19	864,081	20,095
7	Total	$ 4,108,314	$ 100,395
8			
9	Historic Base Period		
10	Docket No. 16-00013, 2016 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-16	$ 1,221,654	$ 29,796
11	Docket No. 17-00012, 2017 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-17	1,283,405	29,847
12	Total	$ 2,505,059	$ 59,643
13			
14			
15	*Forward Looking Test Year Amounts are for the period of 2019		
16	*Historic Base Period Amounts for the period of 2017		

Schedule 8

Tennessee Distribution System
Computation of State Excise & Income Taxes
Twelve Months Ended May 31, 2019

Line No.	Description	Tax Rate	Base Period (1)	Attrition Year	Change
	(a)	(b)	(c)	(d)	
2					
3	Required Return		$ 21,084,414	$ 25,149,350	$ 4,064,936
1	Current Return		$ 21,636,691	$ 25,040,295	$ 3,403,605
4					
5	Pre-Tax Deficiency from Current Return		(552,277)	109,055	661,331
6	Tax Expansion Factor		1.6392	1.6392	
7	After-Tax Deficiency from Current Return		(905,289)	178,762	1,084,051
8					
9	Tax Liability Increase / Decrease (Ln 7 - Ln 3)		(353,012)	69,708	422,720
10	Current Tax Liability		$ 9,761,246	$ 11,155,733	$ 1,394,487
11					
12	Income Tax Liability		$ 9,408,234	$ 11,225,441	$ 1,817,207
13					
14	Less: ITC Amortization		-		-
15					
16	Total Income Tax Liability		9,408,234	11,225,441	1,817,207
17					
18	Note:				
19	1. Twelve months ended September 30, 2017				

Tennessee Distribution System
Amortization of UCG Deferred Utility ITC
Twelve Months Ended May 31, 2019

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, 2019	-		-
9				
10	[1] Division 091 - Mid-States General Office allocation factor excluding Kentucky			

Tennessee Distribution System
Revenue Conversion Factor
Twelve Months Ended May 31, 2019

		Attrition Year	
Line No.		Amount	Balance
1	Operating Revenues		1.000000
2			
3	Add: Forfeited Discounts	0.007943	0.007943
4			
5	Balance		1.007943
6			
7	Uncollectible Ratio	0.004116	0.004149
8			
9	Balance		1.003794
10			
11	State Excise Tax	0.065000	0.065247
12			
13	Balance		0.938548
14			
15	Federal Income Tax	0.350000	0.328492
16			
17	Balance		0.610056
18			
19	Revenue Conversion Factor (Line 1/Line 9)		1.639200

Schedule 9

Tennessee Distribution System
Overall Cost of Capital
Twelve Months Ended May 31, 2019

Line No.	Description	Percent	Cost Rate	Overall Cost of Capital
	(a)	(b)	(c)	(d)
1	Long Term Debt Capital	40.44%	5.18%	2.10%
2	Short Term Debt	8.16%	1.46%	0.12%
3	Equity Capital	51.40%	9.80%	5.04%
4				
5	Total Capital	100.0%		7.26%

Tennessee Distribution System
Cost of Capital
Twelve Months Ended May 31, 2019

		September 30, 2017	
Line No.	**Description**	**$**	**%**
	(a)	(b)	(c)
1	LT Debt	$ 3,067,045,495	40.44%
2	ST Debt	618,839,676	8.16%
3	Equity	3,898,665,243	51.40%
4			
5	Total Capital	$ 7,584,550,413	100.00%

Tennessee Distribution System
Cost of Capital- Short Term Debt Rate
Twelve Months Ended May 31, 2019

					12 Month Avg	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
		Atmos Consolidated Balances			Atmos Consolidated - calc of STD rate					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-16	2,438,778,635	829,811,164	3,463,058,963						
2	Oct-16	2,563,918,889	800,464,658	3,520,473,562	840,360,387	790,492		565,888	129,036	95,568
3	Nov-16	2,564,059,143	909,674,672	3,595,033,060	831,273,067	787,920		563,057	127,561	97,301
4	Dec-16	2,564,199,396	940,746,591	3,698,975,167	928,395,161	928,657		699,542	131,813	97,301
5	Jan-17	2,564,339,650	775,069,471	3,778,803,299	790,401,000	887,195		658,073	131,821	97,301
6	Feb-17	2,564,479,903	724,278,560	3,790,503,944	725,202,179	787,662		571,297	119,064	97,301
7	Mar-17	2,564,620,157	670,606,792	3,834,864,598	694,191,935	871,975		642,853	131,821	97,301
8	Apr-17	2,564,760,410	644,134,763	3,861,648,697	629,596,167	826,080		601,210	127,568	97,301
9	May-17	2,564,900,664	629,857,850	3,864,281,638	625,090,516	844,132		615,010	131,821	97,301
10	Jun-17	3,066,734,196	258,573,383	3,901,710,103	424,284,267	625,683		400,813	127,568	97,301
11	Jul-17	3,066,772,609	262,202,530	3,923,183,120	231,767,129	474,145		245,023	131,821	97,301
12	Aug-17	3,066,904,471	362,721,572	3,876,930,951	277,363,548	524,041		294,919	131,821	97,301
13	Sep-17	3,067,045,495	447,745,269	3,898,665,243	382,200,000	619,875		395,006	127,568	97,301
14						8,967,855		6,252,692.01	1,549,282.05	1,165,880.75
15										
16	Average	2,709,347,201	618,839,676	3,769,856,334	615,010,446		1.46%	per STD rpts:	8,967,855	

Tennessee Distribution System
Cost of Capital- Long Term Debt Rate
Twelve Months Ended May 31, 2019

Line No.	Debt Series (a)	Issued (b)	Outstanding 9/30/2016 (c)	Outstanding 10/31/2016 (d)	Outstanding 11/30/2016 (e)	Outstanding 12/31/2016 (f)	Outstanding 1/31/2017 (g)	Outstanding 2/28/2017 (h)	Outstanding 3/31/2017 (i)	Outstanding 4/30/2017 (j)	Outstanding 5/31/2017 (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	250,000,000	250,000,000	250,000,000	250,000,000	250,000,000	250,000,000	250,000,000	250,000,000	250,000,000
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	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
16	Debt Issuance Cost - Amort is pending new debt issue	06/2017	-	-	-	-	-	-	-	-	-
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
19	Subtotal -- Utility Long-Term Debt		$ 2,460,000,000	$ 2,585,000,000	$ 2,585,000,000	$ 2,585,000,000	$ 2,585,000,000	$ 2,585,000,000	$ 2,585,000,000	$ 2,585,000,000	$ 2,585,000,000
20											
21	Atmos Leasing, Inc.										
22	Industrial Develop Revenue Bond 07/13	1991	-	-	-	-	-	-	-	-	-
23	**Total Long-Term Debt**		2,460,000,000	2,585,000,000	2,585,000,000	2,585,000,000	2,585,000,000	2,585,000,000	2,585,000,000	2,585,000,000	2,585,000,000
24	Less Unamortized Debt Discount		$ 4,269,581	$ 4,241,057	$ 4,212,533	$ 4,184,010	$ 4,155,486	$ 4,126,963	$ 4,098,439	$ 4,069,915	$ 4,041,392
	Less Unamortized Debt Expense		$ 16,951,784	$ 16,840,054	$ 16,728,324	$ 16,616,594	$ 16,504,864	$ 16,393,134	$ 16,281,404	$ 16,169,674	$ 16,057,945
25	Annualized Amortization of T-Lock Settlement, Debt Exp. & Debt Disct.										
26											
27	Effective Avg Cost of Consol Debt										

Tennessee Distribution System
Cost of Capital- Long Term Debt Rate
Twelve Months Ended May 31, 2019

Line No.	Debt Series (a)	Issued (b)	Outstanding 6/30/2017 (l)	Outstanding 7/31/2017 (m)	Outstanding 8/31/2017 (n)	Outstanding 9/30/2017 (o)	End Int Rate (p)	Annual Int at 9/30/2016 (q)	(r) (v)	Annualized 4270 Amort for T-lock (w)	Annualized 4280-81 Amort Debt Exp&Dsct (x)	Exp 1810 Penalty 1890 Dsct 2260 9/30/2016 (y)
1	9.40% First Mortgage Bond J due May 2021/RET 2005	04/01/91	-	-	-	-	9.40%	0		0	560,397	2,008,091
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	1,078,977
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	33,837	2,820
5	9.75% First Mortgage Bond Q due Apr 2020/RET 2005	04/01/90	-	-	-	-	9.75%	0		0	337,581	872,083
6	9.32% First Mortgage Bond T due June 2021/RET 2005	06/01/91	-	-	-	-	9.32%	0		0	362,746	1,330,070
7	8.77% First Mortgage Bond U due May 2022/RET 2005	05/01/92	-	-	-	-	8.77%	0		0	368,719	1,689,963
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	63,836
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)	115,724	1,973,567
11	6.35% Sr Note due 6/15/2017	6/2007	-	-	-	-	6.35%	0		0	0	0
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)	186,860	4,422,344
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)	1,161,169	1,741,754
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	378,080	9,560,973
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	(43,555)	(1,179,107)
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	5,388,824
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	2.20%	2,750,000		0	112,667	208,692
19	Subtotal -- Utility Long-Term Debt		$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000	$ 3,085,000,000		$ 152,379,500		$ 2,374,790	$ 4,237,012	$ 29,162,885
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		$ 152,379,500				
24	Less Unamortized Debt Discount		$ 5,382,139	$ (4,384,189)	$ (4,379,586)	$ (4,384,143)				$ 2,374,790	$ 4,237,012	$ 29,162,885
	Less Unamortized Debt Expense		$ 22,636,092	$ 22,611,581	$ 22,475,115	$ 22,338,649						
25	Annualized Amortization of T-Lock Settlement, Debt Exp. & Debt Disct.							$ 6,611,803				
26						$ 3,067,045,495		$ 158,991,303				
27	Effective Avg Cost of Consol Debt						5.18%	end of period				

Schedule 10

Tennessee Distribution System
Rate of Return
Twelve Months Ended May 31, 2019

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	$ 126,691,251	$ 5,588,080	$ 132,279,331	$ -	$ 132,279,331
2							
3	Gas Cost	Sch. 3	52,706,715	-	52,706,715	-	52,706,715
4							
5	Operation & Maintenance Expense	Sch. 4	22,694,131	(967,048)	21,727,083	-	21,727,083
6							
7	Taxes Other Than Income Taxes	Sch. 5	7,652,670	(7,264)	7,645,406	-	7,645,406
8							
9	Depreciation & Amortization Expense	Sch. 6	12,218,516	1,881,697	14,100,214	(100,395)	13,999,819
10							
11	Federal Income and State Excise Tax	Wp 10-1	9,761,246	1,365,378	11,126,624	29,109	11,155,733
12							
13	Interest on Customer Deposits	Wp 1-1	86,651	(17,002)	69,649	-	69,649
14							
15	AFUDC Interest credit	Wp 1-2	(65,369)	-	(65,369)	-	(65,369)
16							
17	Return on Rate Base		$ 21,636,691	$ 3,332,319	$ 24,969,009	$ 71,286	$ 25,040,295
18							
19	Total Rate Base	Sch. 7	$ 290,418,930	$ 54,811,283	$ 345,230,214	$ 1,179,567	$ 346,409,781
20							
21	Rate of Return on Rate Base		7.45%		7.23%		7.23%
22							
23	Interest Expense	Sch. 8	6,447,300	1,216,810	7,664,111	26,186	7,690,297
24							
25							
26	Return on Equity		$ 15,189,391		$ 17,304,899		$ 17,349,998
27							
28	Rate of Return on Equity		10.17%		9.75%		9.74%
29							
30	Note:						
31	1. Twelve months ended September 30, 2017						

Tennessee Distribution System
Computation of State Excise and Federal Income Taxes for Sch 10
Twelve Months Ended May 31, 2019

Line	Description	Tax Rate	Historic Base Period (1)	Projected Amount	Adjusted Amount
	(a)	(b)	(c)	(d)	(e)
1	Net Operating Income Before Income Tax		$ 31,332,568	$ 36,030,265	$ 36,130,660
2					
3	Interest Deduction		6,447,300	7,664,111	7,690,297
4					
5	Equity Portion of Return		$ 24,885,268	$ 28,366,154	$ 28,440,363
6					
7	Application of Tax Rate to Equity Return - Tennessee	6.5%	1,617,542	1,843,800	1,848,624
8					
9	Application of Tax Rate to Equity Return - Federal	35%	8,143,704	9,282,824	9,307,109
10					
11	Income Tax Expense		$ 9,761,246	$ 11,126,624	$ 11,155,733
12					
13	Less: ITC Amortization		-	-	-
14					
15	Total Income Tax Liability		$ 9,761,246	$ 11,126,624	$ 11,155,733
16					
17	Note:				
18	1. Twelve months ended September 30, 2017				

Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Historic Base Period Margin at Present Rates
Actual Twelve Months Ended September 30, 2017

Line No.	Description	12 Mths Ended Sep 17 Base Count	12 Mths Ended Sep 17 Volumes Mcf	Rates effective Sep 16 Monthly Customer chg	Rates effective Sep 16 Commodity Charge/Mcf	12 mths Sep17 Margin at Sep17 rates	Weather Adjustment Volumes Mcf	12 mths Sep17 WNA Adjusted Volumes Mcf	12 mths Sep17 Weather adj Margin at Sep17 rates	12 mths Sep17 WNA $ Adj at Sep17 rates
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	RESIDENTIAL									
2	210 Residential Gas Service (Summer)	625,853	839,952	$17.75	$1.409	12,292,383		839,952	12,292,383	$0
3	210 Residential Gas Service (Winter) (weather sensitive)	873,592	5,202,755	$19.75	$1.409	24,584,123	1,493,437	6,696,192	26,688,376	$2,104,253
4	210 Residential Gas Service Senior Citizen (Summer)	567	477	$0.00	$1.409	672		477	672	$0
5	210 Residential Gas Service Senior Citizen (Winter) (wea	983	5,724	$0.00	$1.409	8,065		5,724	8,065	$0
6	211 Residential/Sm. Commericial/Industrial Heating & Co	12	225	$16.75	$0.848	392	77	302	457	$66
7	Total Residential	1,501,007	6,049,132			36,885,635	1,493,515	7,542,647	38,989,954	2,104,319
8										
9	COMMERCIAL									
10	211 Residential/Sm. Commericial/Industrial Heating & Co	12	89	16.75	0.848	276		89	276	$0
11	220 Commercial Gas Service (weather sensitive)	196,423	4,478,150	42.00	2.779	20,694,544	711,810	5,189,960	22,672,665	$1,978,121
12	230 Large Commercial Gas Service (weather sensitive)	0	0	445.00	2.450	0	0	0	0	$0
13	250 Commercial Interruptible Gas Service			455.00		0		0	0	
14	Block 1 Volumes				1.373	0		0	0	
15	Block 2 Volumes				0.909	0		0	0	
16	Block 3 Volumes				0.421	0		0	0	
17	293 Large Tonnage Air Conditioning Gas Service	12		42.00		504		0	504	
18	Block 1 Volumes		10,162		1.373	13,953		10,162	13,953	
19	Block 2 Volumes		0		0.909	0		0	0	
20	Block 3 Volumes		0		0.421	0		0	0	
21	Total Commercial	196,447	4,488,401			20,709,277	711,810	5,200,212	22,687,399	1,978,121
22										
23	INDUSTRIAL									
24	220 Industrial Gas Service (weather sensitive)	3,831	533,400	42.00	2.779	1,643,219	84,765	618,164	1,878,836	$235,617
25	230 Large Industrial Gas Service	75	44,322	445.00	2.450	141,963		44,322	141,963	
26	240 DEMAND/COMM GS	0		455.00		0		0	0	
27	Block 1 Volumes		0		1.373	0		0	0	
28	Block 2 Volumes		0		0.909	0		0	0	
29	Block 3 Volumes		0		0.421	0		0	0	
30	Demand Volumes		0		16.283	0		0	0	
31	250 Industrial Interruptible Gas Service	312		455.00		141,960		0	141,960	
32	Block 1 Volumes		266,772		1.373	366,278		266,772	366,278	
33	Block 2 Volumes		371,456		0.909	337,653		371,456	337,653	
34	Block 3 Volumes		0		0.421	0		0	0	
35	250/240/280 Industrial/Demand/Economic Dev	0		455.00		0		0	0	
36	Block 1 Volumes		0		1.373	0		0	0	
37	Block 1 Volumes @ Discount Rate		0		1.030	0		0	0	
38	Block 2 Volumes		0		0.909	0		0	0	
39	Block 2 Volumes @ Discount Rate		0		0.682	0		0	0	
40	Block 3 Volumes		0		0.421	0		0	0	
41	Block 3 Volumes @ Discount Rate		0		0.316	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		455.00		5,460		0	5,460	
45	Block 1 Volumes		0		1.373	0		0	0	
46	Block 1 Volumes @ Discount Rate		24,000		1.030	24,714		24,000	24,714	
47	Block 2 Volumes		0		0.909	0		0	0	
48	Block 2 Volumes @ Discount Rate		25,149		0.682	17,146		25,149	17,146	
49	Block 3 Volumes		0		0.421	0		0	0	
50	Block 3 Volumes @ Discount Rate		0		0.316	0		0	0	
51	292 Cogeneration, CNG, Prime Movers Service	12		42.00		504		0	504	
52	Block 1 Volumes		0		1.373	0		0	0	
53	Block 2 Volumes		0		0.909	0		0	0	
54	Block 3 Volumes		0		0.421	0		0	0	
55	Total Industrial	4,242	1,265,099			2,678,897	84,785	1,349,884	2,914,515	235,617
56										
57	PUBLIC AUTHORITY									
58	211 Residential/Sm. Commericial/Industrial Heating & Co	0	0	16.75	$0.848	0		0	0	$0
59	221 Experimental School Gas Service	38	23,691	42.00	1.354	33,673	3,766	27,456	38,772	$5,099
60	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	0.00	1.409	0		0	0	$0
61	225 Public Authority Gas Service (Sr. Citizen) (Winter)	0	0	0.00	1.409	0		0	0	$0
62	225 Public Authority Gas Service (Summer)	2,978	7,188	17.75	1.409	62,988		7,188	62,988	$0
63	225 Public Authority Gas Service (Winter)	4,178	27,791	19.75	1.409	121,674	8,636	36,428	133,842	12,169
64	Total Public Authority	7,194	58,671			218,335	12,402	71,072	235,602	17,267
65										
66	TRANSPORTATION									
67	260 - TRANSP (220 SML COM/NDG)	143	139,680	455.00	2.779	453,235		139,680	453,235	
68	260 - TRANSP (230 LRG COM/NDG)	510	1,397,308	455.00	2.450	3,655,454		1,397,308	3,655,454	
69	260 - TRANSP (240 DEMAND)	55		455.00		25,025		0	25,025	
70	Block 1 Volumes		110,000		1.373	151,030		110,000	151,030	
71	Block 2 Volumes		268,638		0.909	244,192		268,638	244,192	
72	Block 3 Volumes		0		0.421	0		0	0	
73	Demand Volumes		20,580		16.283	335,099		20,580	335,099	
74	260 - TRANSP (250 OPT GS)	636		455.00		289,380		0	289,380	
75	Block 1 Volumes		1,213,377		1.373	1,665,967		1,213,377	1,665,967	
76	Block 2 Volumes		3,761,474		0.909	3,419,180		3,761,474	3,419,180	
77	Block 3 Volumes		0		0.421	0		0	0	
78	260 - TRANSP (280/240 ECON DEV/DEMAND)	7		455.00		3,185		0	3,185	
79	Block 1 Volumes		0		1.373	0		0	0	
80	Block 1 Volumes @ Discount Rate		3,962		1.030	4,080		3,962	4,080	
81	Block 2 Volumes		0		0.909	0		0	0	
82	Block 2 Volumes @ Discount Rate		0		0.682	0		0	0	
83	Block 3 Volumes		0		0.421	0		0	0	
84	Block 3 Volumes @ Discount Rate		0		0.316	0		0	0	
85	Demand Volumes		0		16.283	0		0	0	
86	Demand Volumes @ Discount Rate		809		12.212	9,882		809	9,882	
87	260 - TRANSP (280/250 ECON DEV - OPT GS)	24		455.00		10,920		0	10,920	
88	Block 1 Volumes		48,000		1.373	65,904		48,000	65,904	
89	Block 1 Volumes @ Discount Rate		0		1.030	0		0	0	
90	Block 2 Volumes		637,297		0.909	579,303		637,297	579,303	
91	Block 2 Volumes @ Discount Rate		97,200		0.682	66,266		97,200	66,266	
92	Block 3 Volumes		0		0.421	0		0	0	
93	Block 3 Volumes @ Discount Rate		169,159		0.316	53,412		169,159	53,412	
94	SPECIAL CONTRACTS	36	2,436,379			824,310		2,436,379	824,310	
95	Total Transportation	1,411	10,284,475			11,855,825	0	10,284,475	11,855,825	0
96										
97	TOTALS	1,710,301	22,145,777			$72,347,970	2,302,512	24,448,289	$76,683,295	$4,335,324
98										
99	4870 - Forfeited Discount					$699,834			$699,834	
100	4880 - Miscellaneous Service charges					$442,763			442,783	
101	TOTAL MARGIN REVENUES					$73,490,567			$77,825,912	

Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Forward Looking Test Year Margin at Present Rates
Historic Base Period Ended September 30, 2017 and Forward Looking Test Year Ended May 31, 2019

										210,211,225	2.18%	0.00%			
										220,221,230C	0.92%	0.00%			
		12 Mths Ended Sep 17		Rates effective Sep 16		12 mths Sep17		Customer Changes		Customer Growth		Declining	Adjusted	Adjusted	Total
Line		Base	Weather Adj.	Monthly	Commodity	Weather adj Margin	NOTF	Base	Volumes	Base	Volumes	Usage	Base	Volumes	Adjusted
No.	Description	Count	Vol Mcf	Customer chg	Charge/Mcf	at Sep17 rates		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)	625,853	839,952	$17.75	$1.409	$12,292,383				22,713	30,483	0	648,566	870,435	$12,738,494
3	210 Residential Gas Service (Winter) (weather sensitive)	873,592	6,696,192	$19.75	$1.409	26,688,376				31,704	243,016	0	905,296	6,939,208	27,656,942
4	210 Residential Gas Service Senior Citizen (Summer)	567	477	$0.00	$1.409	672				21	17	0	588	494	697
5	210 Residential Gas Service Senior Citizen (Winter) (weather	983	5,724	$0.00	$1.409	8,065				36	208	0	1,019	5,932	8,358
6	211 Residential/Sm. Commericial/Industrial Heating & Cooling	12	302	$16.75	$0.848	457				0	11	0	12	313	474
7	Total Residential	1,501,007	7,542,647			38,989,954		0	0	54,474	273,735	0	1,555,481	7,816,382	40,404,964
8															
9	COMMERCIAL														
10	211 Residential/Sm. Commericial/Industrial Heating & Cooling	12	89	16.75	0.848	276				0	3		12	92	287
11	220 Commercial Gas Service (weather sensitive)	196,423	5,189,960	42.00	2.779	22,672,665				3,004	79,360	0	199,427	5,269,320	23,019,355
12	230 Large Commercial Gas Service (weather sensitive)	0	0	445.00	2.450	0							0	0	0
13	250 Commercial Interuptible Gas Service	0		455.00		0							0	0	0
14	Block 1 Volumes		0		1.373	0							0	0	0
15	Block 2 Volumes		0		0.909	0							0	0	0
16	Block 3 Volumes		0		0.421	0							0	0	0
17	293 Large Tonnage Air Conditioning Gas Service	12		42.00		504							12	0	504
18	Block 1 Volumes		10,162		1.373	13,953							0	10,162	13,953
19	Block 2 Volumes		0		0.909	0							0	0	0
20	Block 3 Volumes		0		0.421	0							0	0	0
21	Total Commercial	196,447	5,200,212			22,687,399		0	0	3,004	79,363	0	199,451	5,279,675	23,034,099
22															
23	INDUSTRIAL														
24	220 Industrial Gas Service (weather sensitive)	3,831	618,184	42.00	2.779	1,878,836		12	26,694	59	9,861		3,902	654,739	1,983,394
25	230 Large Industrial Gas Service	75	44,322	445.00	2.450	141,963		(4)	(2,782)				71	41,539	133,366
26	240 DEMAND/COMM GS	0		455.00		0							0	0	0
27	Block 1 Volumes		0		1.373	0							0	0	0
28	Block 2 Volumes		0		0.909	0							0	0	0
29	Block 3 Volumes		0		0.421	0							0	0	0
30	Demand Volumes		0		16.283	0							0	0	0
31	250 Industrial Interuptible Gas Service	312		455.00		141,960		0					312	0	141,960
32	Block 1 Volumes		266,772		1.373	366,278			0				0	266,772	366,278
33	Block 2 Volumes		371,456		0.909	337,653			0				0	371,456	337,653
34	Block 3 Volumes		0		0.421	0			0				0	0	0
35	250/240/260 Industrial/Demand/Economic Dev	0		455.00		0		0					0	0	0
36	Block 1 Volumes		0		1.373	0			0				0	0	0
37	Block 1 Volumes @ Discount Rate		0		1.030	0			0				0	0	0
38	Block 2 Volumes		0		0.909	0			0				0	0	0
39	Block 2 Volumes @ Discount Rate		0		0.682	0			0				0	0	0
40	Block 3 Volumes		0		0.421	0			0				0	0	0
41	Block 3 Volumes @ Discount Rate		0		0.316	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	260/250 Economic Development Gas Service	12		455.00		5,460		0					12	0	5,460
45	Block 1 Volumes		0		1.373	0			0				0	0	0
46	Block 1 Volumes @ Discount Rate		24,000		1.030	24,714			0				0	24,000	24,714
47	Block 2 Volumes		0		0.909	0			0				0	0	0
48	Block 2 Volumes @ Discount Rate		25,149		0.682	17,146			0				0	25,149	17,146
49	Block 3 Volumes		0		0.421	0			0				0	0	0
50	Block 3 Volumes @ Discount Rate		0		0.316	0			0				0	0	0
51	292 Cogeneration, CNG, Prime Movers Service	12		42.00		504		0					12	0	504
52	Block 1 Volumes		0		1.373	0			0				0	0	0
53	Block 2 Volumes		0		0.909	0			0				0	0	0
54	Block 3 Volumes		0		0.421	0			0				0	0	0
55	Total Industrial	4,242	1,349,884			2,914,515		8	23,911	59	9,861	0	4,309	1,383,656	3,010,475
56															
57	PUBLIC AUTHORITY														
58	211 Residential/Sm. Commericial/Industrial Heating & Cooling	0	0	16.75	0.848	0							0	0	0
59	221 Experimental School Gas Service	38	27,456	42.00	1.354	38,772				1	420		39	27,876	39,365
60	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	0.00	1.409	0							0	0	0
61	225 Public Authority Gas Service (Sr. Citizen) (Winter) (weath	0	0	0.00	1.409	0							0	0	0
62	225 Public Authority Gas Service (Summer)	2,978	7,188	17.75	1.409	62,988				108	261		3,086	7,449	65,274
63	225 Public Authority Gas Service (Winter) (weather Sensitive)	4,178	36,428	19.75	1.409	133,842				152	1,322		4,330	37,750	138,699
64	Total Public Authority	7,194	71,072			235,602		0	0	260	2,003	0	7,454	73,075	243,338
65															
66	TRANSPORTATION														
67	260 - TRANSP (220 SML COM/INDG)	143	139,680	455.00	2.779	453,235		0	0				143	139,680	453,235
68	260 - TRANSP (230 LRG COM/INDG)	510	1,397,308	455.00	2.450	3,655,454		(6)	(40,955)				504	1,356,353	3,652,384
69	260 - TRANSP (240 DEMAND)	55		455.00		25,025		5					60	0	27,300
70	Block 1 Volumes		110,000		1.373	151,030			10,000				0	120,000	164,760
71	Block 2 Volumes		268,638		0.909	244,192			11,006				0	279,645	254,197
72	Block 3 Volumes		0		0.421	0			0				0	0	0
73	Demand Volumes		20,580		16.283	335,099			1,406				0	21,985	357,985
74	260 - TRANSP (250 OPT GS)	636		455.00		289,380		24					660	0	300,300
75	Block 1 Volumes		1,213,377		1.373	1,665,967			48,000				0	1,261,377	1,731,871
76	Block 2 Volumes		3,761,474		0.909	3,419,180			734,498				0	4,495,972	4,086,838
77	Block 3 Volumes		0		0.421	0			169,159				0	169,159	71,216
78	260 - TRANSP (280/240 ECON DEV/DEMAND)	7		455.00		3,185		(7)					0	0	0
79	Block 1 Volumes		0		1.373	0			0				0	0	0
80	Block 1 Volumes @ Discount Rate		3,962		1.030	4,080			(3,962)				0	0	0
81	Block 2 Volumes		0		0.909	0			0				0	0	0
82	Block 2 Volumes @ Discount Rate		0		0.682	0			0				0	0	0
83	Block 3 Volumes		0		0.421	0			0				0	0	0
84	Block 3 Volumes @ Discount Rate		0		0.316	0			0				0	0	0
85	Demand Volumes		0		16.283	0			0				0	0	0
86	Demand Volumes @ Discount Rate		809		12.212	9,882			(809)				0	0	0
87	260 - TRANSP (280/250 ECON DEV - OPT GS)	24		455.00		10,920		(24)					0	0	0
88	Block 1 Volumes		48,000		1.373	65,904			(48,000)				0	0	0
89	Block 1 Volumes @ Discount Rate		0		1.030	0			0				0	0	0
90	Block 2 Volumes		637,297		0.909	579,303			(637,297)				0	(0)	(0)
91	Block 2 Volumes @ Discount Rate		97,200		0.682	66,266			(97,200)				0	0	0
92	Block 3 Volumes		0		0.421	0			0				0	0	0
93	Block 3 Volumes @ Discount Rate		169,159		0.316	53,412			(169,159)				0	0	0
94	SPECIAL CONTRACTS	36	2,438,379			824,310		0	0				36	2,438,379	824,310
95	Total Transportation	1,411	10,284,475			11,855,825		(8)	(23,911)	0	0	0	1,403	10,260,563	11,824,396
96															
97	TOTALS	1,710,301	24,448,289			$76,683,295		0	0	57,797	364,962	0	1,768,098	24,813,252	$78,517,272
98															
99	4870 - Forfeited Discount					699,834									$627,057
100	4880 - Miscellaneous Service charges					442,783									428,286
101	TOTAL MARGIN REVENUES					$77,825,912									$79,572,616

Tennessee Distribution System
Proof of Revenues and Calculation of Rates
Rate Design
Historic Base Period Ended September 30, 2016 and Forward Looking Test Year Ended May 31, 2018

Additional Revenue: 560,943

Line No.	Description	Rates effective Sep16 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	$17.75	$1.409	651,652	877,884	$12,803,768	$11,566,829	$1,236,939					18.00	1.397	$11,729,742	$1,226,239	12,955,980			
3	210/225 WINTER (weather sensitive)	$19.75	$1.409	909,626	6,976,958	27,795,642	$17,965,106	$9,830,533					20.00	1.397	$18,192,515	$9,745,493	27,938,008			
4	210/225 SR CIT	$0.00	$1.409	1,606	6,426	9,054	$0	$9,054					0.00	1.397	$0	$8,976	8,976			
5	Total 210/225			1,562,884	7,861,268	40,608,464	29,531,937	11,076,527	73%	27%	52.51%	294,550			29,922,257	10,980,708	40,902,964	73%	27%	52.51%
6																				
7	Rate Schedule 211																			
8	211 HVAC	$16.75	$0.848	25	405	760	$417	$344	55%	45%	0.00%	6	17.00	0.846	$423	$343	766	55%	45%	0.00%
9																				
10	Rate Schedule 220																			
11	220 Commercial / Industrial Gas Service	$42.00	$2.779	203,328	5,924,059	25,002,749	$8,539,788	$16,462,961	34%	66%			42.00	2.809	$8,539,788	$16,643,320	25,183,108	34%	66%	
12	220 Transportation	$455.00	$2.779	143	139,680	453,235	$65,065	$388,170	14%	86%			455.00	2.809	$65,065	$392,423	457,488	14%	86%	
13	Total 220			203,471	6,063,739	25,455,984	8,604,853	16,851,131	34%	66%	32.92%	184,643			8,604,853	17,035,743	25,640,596	34%	66%	32.92%
14																				
15	Rate Schedule 221																			
16	221 Experimental School Gas Service	$42.00	$1.354	39	27,876	39,365	$1,620	$37,744	4%	96%	0.05%	286	42.00	1.364	$1,620	$38,030	39,650	4%	96%	0.05%
17																				
18	Rate Schedule 230																			
19	230 Large Commercial / Industrial Gas Service	$445.00	$2.450	71	41,539	133,366	$31,595	$101,771	24%	76%			445.00	2.469	$31,595	$102,565	134,160	24%	76%	
20	230 Transportation	$455.00	$2.450	504	1,356,353	3,552,384	$229,320	$3,323,064	6%	94%			455.00	2.469	$229,320	$3,348,999	3,578,319	6%	94%	
21	Total 230			575	1,397,892	3,685,750	260,915	3,424,835	7%	93%	4.77%	26,734			260,915	3,451,565	3,712,480	7%	93%	4.77%
22																				
23	Rate Schedule 240/250/280/292/293																			
24	240 Demand/Commodity Gas Service	$455.00		60		27,300	$27,300						455.00		$27,300		27,300			
25	Block 1 Volumes		$1.373		120,000	164,760		$164,760						1.384		$166,038	166,038			
26	Block 2 Volumes		$0.909		279,645	254,197		$254,197						0.916		$256,154	256,154			
27	Block 3 Volumes		$0.421		0	0		$0						0.424		$0	0			
28	250 Interruptible Gas Service	$455.00		972		442,260	$442,260						455.00		$442,260		442,260			
29	Block 1 Volumes		$1.373		1,528,150	2,098,149		$2,098,149						1.384		$2,114,422	2,114,422			
30	Block 2 Volumes		$0.909		4,867,428	4,424,492		$4,424,492						0.916		$4,458,564	4,458,564			
31	Block 3 Volumes		$0.421		169,159	71,216		$71,216						0.424		$71,764	71,764			
32	280 ECON DEV - OPT GS	$455.00		12		5,460	$5,460						455.00		$5,460		5,460			
33	Block 1 Volumes		$1.373		0	0		$0						1.384		$0	0			
34	Block 1 Volumes @ Discount Rate		$1.030		24,000	24,714		$24,714						1.038		$24,906	24,906			
35	Block 2 Volumes		$0.909		(0)	(0)		($0)						0.916		($0)	(0)			
36	Block 2 Volumes @ Discount Rate		$0.682		25,149	17,146		$17,146						0.687		$17,278	17,278			
37	Block 3 Volumes		$0.421		0	0		$0						0.424		$0	0			
38	Block 3 Volumes @ Discount Rate		$0.32		0	0		$0						0.318		$0	0			
39	292 Cogeneration, CNG, Prime Movers Service	$42.00		12		504	$504						42.00		$504		504			
40	Block 1 Volumes		$1.373		0	0		$0						1.384		$0	0			
41	Block 2 Volumes		$0.909		0	0		$0						0.916		$0	0			
42	Block 3 Volumes		$0.421		0	0		$0						0.424		$0	0			
43	293 Large Tonnage Air Conditioning Gas Service	$42.00		12		504	$504						42.00		$504		504			
44	Block 1 Volumes		$1.373		10,162	13,953		$13,953						1.384		$14,061	14,061			
45	Block 2 Volumes		$0.909		0	0		$0						0.916		$0	0			
46	Block 3 Volumes		$0.421		0	0		$0						0.424		$0	0			
47	Total 240/250/280/292/293			1,068	7,023,692	7,544,654	476,028	7,068,626	6%	94%	9.76%	54,725			$476,028	$7,123,187	7,599,215	6%	94%	9.76%
48																				
49	TOTALS			1,768,062	22,374,673	77,334,978	38,875,770	38,459,207	50%	50%	100.00%	560,943			39,266,096	38,629,575	77,895,671	50%	50%	100.00%

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, 2019

	Current Rate Monthly	Proposed Rate Monthly
Sales and Transportation Revenues:		
210 Residential Gas Service (WINTER)		
Customer Charge	$19.75	$20.00
Commodity Charge	$1.409	$1.397
210 Residential Gas Service (SUMMER)		
Customer Charge	$17.75	$18.00
Commodity Charge	$1.409	$1.397
211 Residential & Small Commercial/Industrial Heating & Cooling		
Customer Charge	$16.75	$17.00
Commodity Charge	$0.848	$0.846
220 Commercial & Industrial Gas Service		
Customer Charge	$42.00	$42.00
Commodity Charge	$2.779	$2.809
221 Experimental School Gas Service		
Customer Charge	$42.00	$42.00
Commodity Charge	$1.354	$1.364
225 Public Housing Authority Gas Service (WINTER)		
Customer Charge	$19.75	$20.00
Commodity Charge	$1.409	$1.397
225 Public Housing Authority Gas Service (SUMMER)		
Customer Charge	$17.75	$18.00
Commodity Charge	$1.409	$1.397
230 Large Commercial & Industrial Gas Service		
Customer Charge	$445.00	$445.00
Commodity Charge	$2.450	$2.469
240 Demand/Commodity Gas Service		
Customer Charge	$455.00	$455.00
1 - 2,000 Mcf	$1.373	$1.384
Next 48,000 Mcf	$0.909	$0.916
Over 50,000 Mcf	$0.421	$0.424
Demand Charge	$16.283	$16.283
250 Interruptible Gas Service		
Customer Charge	$455.00	$455.00
1 - 2,000 Mcf	$1.373	$1.384
Next 48,000 Mcf	$0.909	$0.916
Over 50,000 Mcf	$0.421	$0.424
260 Transportation Service / 250 Interruptible Gas Service		
Customer Charge	$455.00	$455.00
1 - 2,000 Mcf	$1.373	$1.384
Next 48,000 Mcf	$0.909	$0.916
Over 50,000 Mcf	$0.421	$0.424
260 Transportation Service / 220 Commercial & Industrial Gas Service		
Customer Charge	$455.00	$455.00
Commodity Charge	$2.779	$2.809
260 Transportation Service / 230 Large Commercial & Industrial Gas Service		
Customer Charge	$455.00	$455.00
Commodity Charge	$2.450	$2.469
Schedule 280 Economic Development Gas Service		
Customer Charge	$455.00	$455.00
1 - 2,000 Mcf	$1.373	$1.384
1 - 2,000 Mcf @ Discount Rate	$1.030	$1.038
Next 48,000 Mcf	$0.909	$0.916
Next 48,000 Mcf @ Discount Rate	$0.682	$0.687
Over 50,000 Mcf	$0.421	$0.424
Over 50,000 Mcf@ Discount Rate	$0.316	$0.318
Schedule 292 Cogeneration, CNG. Prime Movers, Fuel Cell Service		
Customer Charge	$42.00	$42.00
1 - 2,000 Mcf	$1.373	$1.384
Next 48,000 Mcf	$0.909	$0.916
Over 50,000 Mcf	$0.421	$0.424
Schedule 293 Large Tonnage Air Conditioning Gas Service		
Customer Charge	$42.00	$42.00
1 - 2,000 Mcf	$1.373	$1.384
Next 48,000 Mcf	$0.909	$0.916
Over 50,000 Mcf	$0.421	$0.424

Atmos Energy Corporation
Revenue Deficiency (Surplus)
Twelve Months Ended May 31, 2019

Line No.		Company	Reference
1	Rate Base	346,409,781	See 2RB
2	Operating Income at Present Rates	25,040,296	See 3 IS
3	Earned Rate of Return (L 2 / L 1)	7.23%	
4	Fair Rate of Return	7.26%	See 8 CC
5	Required Operating Income (L 1 x L 4)	25,149,350	
6	Operating Income Deficiency (Surplus) (L 5 - L 2)	109,054	
7	Gross Revenue Conversion Factor	1.639200	See 7 GU
8	**Revenue Deficiency (Surplus)**	**178,761**	

Schedule 2

Atmos Energy Corporation
Rate Base
Twelve Months Ended May 31, 2019

Line No.		Company	Reference
1	Utility Plant in Service	601,864,059	Sch 7, Col (d), Ln 1
2	Construction Work in Progress	12,608,823	Sch 7, Col (d), Ln 5
3	Materials and Supplies / Storage Gas	5,025,016	Sch 7, Col (d), Ln 11
4	Working Capital/Deferred Rate Case	1,308,206	Sch 7, Col (d), Ln 9
5	Net Elimination of Intercompany Leased Property	5,287,881	Sch 7, Col (d), Ln 27
6	Deferred Pension Regulated Asset	-	Sch 7, Col (d), Ln 13
7	Total Additions	626,093,985	
	Deductions:		
8	Accumulated Depreciation	211,037,548	Sch 7, Col (d), Ln 3
9	Customer Deposits	1,654,367	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	62,808,393	Sch 7, Col (d), Ln 15
12	Accrued Interest on Customer Deposits	55,303	Sch 7, Col (d), Ln 21
13	Adjustment for Capitalized Incentive Compensation	4,108,314	
14	Total Deductions	279,684,205	
15	Rate Base	346,409,781	

Schedule 3

Atmos Energy Corporation
Income Statement
Twelve Months Ended May 31, 2019

Line No.		Company	Reference
1	Revenues - Sales, forfeited discounts & other	132,279,331	Sch 1, Col (c), Ln 20
2	Cost of Gas	52,706,715	Sch 1, Col (c), Ln 1
3	Gross margin on sales and service	79,572,616	
4	AFUDC	65,369	Sch 1, Col (c), Ln 13
5	Operating Margin	79,637,984	
6	Other Operation and Maintenance	21,727,083	See 4 O&M
7	Interest on Customer Deposits	69,649	Sch 1, Col (c), Ln 13
8	Depreciation and Amortization Exp.	13,999,819	Sch 1, Col (c), Ln 13
9	Taxes Other Than Income	7,645,406	See 5 Tax
10	State Excise Tax	1,848,624	See 6 FIT
11	Federal Income Tax	9,307,109	See 6 FIT
12	Total Operating Expense	54,597,688	
13	Net Operating Income for Return	25,040,296	
14	Plus amortization-Gain	-	
15	Plus adjustments	-	
16	Adjusted Net Operating Income	25,040,296	

Schedule 4

Atmos Energy Corporation
Operations and Maintenance Expenses
Twelve Months Ended May 31, 2019

Line No.		Company	Reference
1	Labor	8,122,232	WP 4-1, Excel Col Q, Ln 1
2	Benefits	2,694,448	WP 4-1, Excel Col Q, Ln 2
3	Employee Welfare	2,127,302	WP 4-1, Excel Col Q, Ln 3
4	Insurance	1,107,626	WP 4-1, Excel Col Q, Ln 4
5	Rent, Maint., & Utilities	888,549	WP 4-1, Excel Col Q, Ln 5
6	Vehicles & Equip	612,792	WP 4-1, Excel Col Q, Ln 6
7	Materials and Supplies	521,674	WP 4-1, Excel Col Q, Ln 7
8	Information Technologies	947,780	WP 4-1, Excel Col Q, Ln 8
9	Telecom	574,731	WP 4-1, Excel Col Q, Ln 9
10	Marketing	251,263	WP 4-1, Excel Col Q, Ln 10
11	Directors & Shareholders & PR	303,822	WP 4-1, Excel Col Q, Ln 11
12	Dues & Donations	147,993	WP 4-1, Excel Col Q, Ln 12
13	Print & Postage	31,312	WP 4-1, Excel Col Q, Ln 13
14	Travel & Entertainment	611,010	WP 4-1, Excel Col Q, Ln 14
15	Training	105,371	WP 4-1, Excel Col Q, Ln 15
16	Outside Services	6,414,625	WP 4-1, Excel Col Q, Ln 16
17	Provision for Bad Debt	320,616	WP 4-1, Excel Col Q, Ln 17
18	Miscellaneous	(2,971,528)	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	(44,333)	WP 4-1, Excel Col C, Ln 14
21	Inclusion of Barnsley Storage Operating Expense	379,461	WP 4-1, Excel Col D, Ln 14
22	Interest Expense	7,690,297	Sch 8, Col (e), Ln 3
23	Disallowed Items	(1,419,663)	
24			
25			
26	Total O&M Expense	29,417,380	

Atmos Energy Corporation
Operations and Maintenance Expense
Twelve Months Ended May 31, 2019

Line No.		Company	Reference
1	Property Taxes	4,935,658	WP 7-6, Col (b), Ln 11+Ln19+Ln23
2	State Gross Receipts Tax	856,423	WP 7-6, Col (b), Ln 12
3	Payroll Taxes	653,031	WP 7-6, Col (b), Ln 13+Ln20+Ln24
4	State Franchise Tax	722,000	WP 7-6, Col (b), Ln 14
5	Other General Taxes		
6	TRA Inspection Fee	478,293	WP 7-6, Col (b), Ln 15
7	Total Taxes Other Than Income Taxes	7,645,406	

Atmos Energy Corporation
Federal and Excise Taxes
Twelve Months Ended May 31, 2019

Line No.		Company
1	Operating Margin	79,572,616
2	Other Operation and Maintenance	21,727,083
3	Depreciation and Amortization Expense	13,999,819
4	Taxes Other Than Income	7,645,406
5	NOI Before Excise and Income Taxes	36,200,309
6	less Interest on Customer Deposits	69,649
7	less Interest Expense	7,690,297
8	Pre-tax Book Income	28,440,363
9	Schedule M Adjustments	-
10	Excise Taxable Income	28,440,363
11	Excise Tax Rate	6.50%
12	Excise Tax	1,848,624
13	Pre-tax Book Income	28,440,363
14	Excise Tax	1,848,624
15	Schedule M Adjustments	-
16	FIT Taxable Income	26,591,739
17	FIT Rate	35.00%
18	Subtotal FIT	9,307,109
19	Less: ITC Amortization	-
20	Federal Income Tax Expense	9,307,109

Atmos Energy Corporation
Gross Revenue Conversion Factor
Twelve Months Ended May 31, 2019

Line No.		Amount		Balance
1	Operating Revenues			1.000000
2	Add: Forfeited Discounts	0.007943	A/	0.007943
3	Balance			1.007943
4	Uncollectible Ratio	0.004116	B/	0.004149
5	Balance			1.003794
6	State Excise Tax	0.065000	C/	0.065247
7	Balance			0.938548
8	Federal Income Tax	0.350000	C/	0.328492
9	Balance			0.610056
10	Revenue Conversion Factor (1 / Line 9)			1.639200

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

Atmos Energy Corporation
Cost of Capital
Twelve Months Ended May 31, 2019

Line No.		Ratio	Cost	Weighted Cost
1	Short Term Debt	8.16%	1.46%	0.1%
2	Long Term Debt	40.44%	5.18%	2.1%
3	Preferred Stock			
4	Stockholder's Equity	51.40%	9.80%	5.0%
5	Total	100.00% A/		7.26%

A/ Should be 100%