BEFORE THE TENNESSEE REGULATORY AUTHORITY

Atmos Energy Corporation General Rate Case and Petition to Adopt Annual Review Mechanism and ARM Tariff)))))	Docket No. 14-00146
)	RECEIVED APR 0 7 2015 T.R.A. DOCKET ROOM Wed ZI III ON Wed ZI

EXHIBIT

OF

THE CONSUMER ADVOCATE AND PROTECTION DIVISION OF THE TENNESSEE ATTORNEY GENERAL'S OFFICE

April 7, 2014

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Results of Operations
For the 12 Months Ending May 31, 2016

Line No. 1	Rate Base	**CAPD	Company E/ \$ 254,734,497	Difference \$ -18,609,518
2	Operating Income At Current Rates	19,673,379 B/	18,223,260	1,450,119
3	Earned Rate Of Return	8.33%	7.15%	1.18%
4	Fair Rate Of Return	7.55% C/	8.58%	-1.03%
5	Required Operating Income	17,825,760	21,856,220	-4,030,459
6	Operating Income Deficiency (Surplus)	-1,847,618	3,632,960	-5,480,578
7	Gross Revenue Conversion Factor	1.625966 D/	1.620886	0.005081
8	Revenue Deficiency (Surplus)	\$ -3,004,166	\$ 5,888,612	\$ -8,892,778

A/ CAPD Exhibit, Schedule 2.

B/ CAPD Exhibit, Schedule 6.

C/ CAPD Exhibit, Schedule 12.

D/ CAPD Exhibit, Schedule 13.

E/ Company Exhibit, Schedules 1 and 10.

Average Rate Base For the 12 Months Ending May 31, 2016

Line No.	_ Additions:	Test Period A/	Adjustments	Attrition Period B/
1	Utility Plant in Service	\$ 432,469,950	\$ 39,410,687	\$ 471,880,637
2	Construction Work in Progress	13,489,444	-5,911,623	7,577,821
3	Gas Inventory	6,482,564	-257,985	6,224,579
4	Materials & Supplies	6,005	-112	5,893
5	Regulatory Asset	0	0	0
6	Intercompany Leased Property	5,822,234	-499,423	5,322,811
7	Working Capital	1,210,783	129,081	1,339,864_C/
8	Total Additions	\$ <u>459,480,980</u>	\$ 32,870,625	\$ <u>492,351,605</u>
	Deductions:			
9	Accumulated Depreciation	\$ 181,393,329 \$	13,238,972	\$ 194,632,301
10	Accumulated Deferred Income Taxes	40,562,870	16,541,421	57,104,291
11	Operating Reserves	0	676,061	676,061
12	Customer Advances for Construction	73,942	1,136	75,078
13	Customer Deposits	3,392,069	279,210	3,671,279
14	Accumulated Interest on Customer Deposits	56,907_	10,709	67,616
15	Total Deductions	\$ <u>225,479,117</u>	\$30,747,509	\$ <u>256,226,626</u>
16	Rate Base	\$ 234,001,863	\$ 2,123,116	\$ <u>236,124,979</u>

A/ Company Exhibit, Schedule 7.
B/ CAPD Rate Base Workpaper RB-1.00.

C/ CAPD Exhibit, Schedule 4.

Comparative Rate Base For the 12 Months Ending May 31, 2016

Line No.		CAPD A/	Company B/	Difference
	Additions:	 		
1	Utility Plant in Service	\$ 471,880,637	\$ 485,251,748	\$ -13,371,111
2	Construction Work in Progress	7,577,821	8,602,776	-1,024,955
3	Gas Inventory	6,224,579	6,384,483	-159,904
4	Materials & Supplies	5,893	5,893	0
5	Regulatory Asset	0	973,868	-973,868
6	Intercompany Leased Property	5,322,811	5,322,811	0
7	Working Capital	1,339,864	956,408	383,456
8	Total Additions	\$ <u>492,351,605</u>	\$_507,497,987	\$ <u>-15,146,382</u>
	Deductions:			
	Deductions.			
9	Accumulated Depreciation	\$ 194,632,301	\$ 194,156,622	\$ 475,679
10	Accumulated Deferred Income Taxes	57,104,291	54,848,940	2,255,351
11	Operating Reserves	676,061	0	676,061
12	Customer Advances for Construction	75,078	75,078	0
13	Customer Deposits	3,671,279	3,632,272	39,007
14	Accumulated Interest on Customer Deposits	67,616	50,578	17,038
15	Total Deductions	\$ <u>256,226,626</u>	\$ 252,763,490	\$ 3,463,136
16	Rate Base	\$ 236,124,979	\$ <u>254,734,497</u>	\$ <u>-18,609,518</u>

A/ CAPD Exhibit, Schedule 2. B/ Company Exhibit, Schedule 7.

Lead Lag Results
For the 12 Months Ending May 31, 2016

Line No.		CAPD
1	Revenue Lag	37.50 A /
2	Expense Lag	34.09 B/
3	Net Lag	3.41
4	Daily Cost of Service	\$ 3 92,909 B/
5	Lead Lag Study	\$1,339,864

A/ CAPD Rate Base Workpaper RB-40-1.00.

B/ CAPD Exhibit, Schedule 5.

Working Capital Expense Lag For the 12 Months Ending May 31, 2016

Line No.			Amount A/	Lag B/	Dollar Days
	Operating & Maintenance Expenses:				
1	Purchased Gas Expense	\$	78,138,740	39.33	\$ 3,073,196,644
2	O&M Labor		8,964,442	14.07	126,129,699
3	O&M Non-Labor		10,045,793	29.40	295,346,314
	Taxes Other Than Income:				
4	Ad Valorem		3,461,815	241.50	836,028,323
5	State Gross Receipts Tax		1,079,726	-151.50	-163,578,489
6	Payroll Taxes		518,997	16.55	8,589,400
7	Franchise Tax		615,857	37.50	23,094,638
8	TRA Inspection Fee		423,239	272.50	115,332,628
9	DOT Fee		19,310	59.00	1,139,290
	Allocated Taxes - Shared Services:				
10	Ad Valorem		0	241.50	0
11	Payroll Taxes		0	16.55	0
	Allocated Taxes - Business Unit:				
12	Ad Valorem		0	241.50	0
13	Payroll Taxes		0	16.55	0
	Federal Income Tax:				
14	Current Taxes		0	37.50	0
15	Deferred Taxes		7,334,466	0.00	0
	State Excise Taxes:				
16	Current Taxes		0	37.50	0
17	Deferred Taxes		1,456,808	0.00	0
	Other:				
20	Depreciation Expense		11,560,068	0.00	0
21	Interest on Customer Deposits		119,317	182.50	21,775,353
22	Interest Expense - Long Term Debt		6,047,609	91.25	551,844,352
23	Interest Expense - Short Term Debt		70,837	0.00	0
24	Return on Equity	-	13,554,932	0.00	0
25	Total Cost of Service	\$ __	143,411,957	34.09	\$ 4,888,898,151
26	Daily Cost Of Service	\$_	392,909		

A/ CAPD Exhibit, Schedule 6.

B/ CAPD Rate Base Workpaper RB-40-1.00.

Income Statement at Current Rates For the 12 Months Ending May 31, 2016

Line No.		Test Period A/	Adjustments	Attrition Amount
	Operating Revenues:		7.00000000	7.11104111
1	Gas Sales & Transportation Revenues	\$ 149,341,340	\$ -7,212,293	\$ 142,129,047 B/
2	Other Revenues	1,241,861	-25,171	1,216,690 B/
3	AFUDC	66,220	0	66,220 C/
4	Total Operating Revenue	\$ 150,649,421	\$ -7,237,464	\$ 143,411,957
	Operating & Maintenance Expenses:			
5	Purchased Gas Expense	\$ 87,478,439	\$ -9,339,699	\$ 78,138,740 D/
6	Operations & Maintenance - Labor	11,004,156	-2,039,714	8,964,442 E/
7	Operations & Maintenance - NonLabor	9,631,337	414,456	10,045,793 F/
8	Total Operating & Maintenance Expenses	\$ 108,113,932	\$ -10,964,957	\$ 97,148,975
	Other Expenses:			
9	Depreciation Expense	\$ 10,700,686	\$ 859,382	\$ 11,560,068 G/
10	Interest on Customer Deposits	110,242	9,075	119,317 H/
11	General Taxes	6,212,295	-93,351	6,118,944 l/
12	State Excise Taxes	1,262,834	193,974	1,456,808 J/
13	Federal Income Taxes	6,357,149	977,317	7,334,466 J/
14	Total Other Expenses	\$ 24,643,206	\$ 1,946,397	\$ 26,589,603
15	Total Operating Expenses	\$ <u>132,757,138</u>	\$	\$ <u>123,738,578</u>
16	Utility Operating Income	\$17,892,283	\$1, 781,096	\$19,673,379

A/ Company Exhibit, Schedule 10.

B/ CAPD Exhibit, Schedule 8.

C/ CAPD Revenue Workpaper R-96-7.00.

D/ CAPD Revenue Workpaper R-100-1.00.

E/ CAPD Expense Workpaper E-1.00.

F/ CAPD Expense Workpaper E-1.00.

G/ CAPD Rate Base Workpaper RB-50-1.00.

H/ CAPD Rate Base Workpaper RB-80-1.00.

I/ CAPD Exhibit, Schedule 9.

J/ CAPD Exhibit, Schedule 10.

Comparative Income Statement at Current Rates For the 12 Months Ending May 31, 2016

Line							
No.		-	CAPD A/	-	Company B/	_	Difference
	Operating Revenues:	•		_			
1	Gas Sales & Transportation Revenues	\$	142,129,047	\$	151,467,768	\$	-9,338,721
2	Other Revenues		1,216,690		1,136,588		80,102
3	AFUDC	_	66,220	_	66,220		0
4	Total Operating Revenue	\$	143,411,957	\$	152,670,576	\$_	-9,258,619
	Operating & Maintenance Expenses:						
5	Purchased Gas Expense	\$	78,138,740	\$	87,478,439	\$	-9,339,699
6	Operations & Maintenance - Labor		8,964,442		10,665,486		-1,701,044
7	Operations & Maintenance - NonLabor		10,045,793		9,351,018		694,775
8	Total Operating & Maintenance Expenses	:	97,148,975	-	107,494,943	=	-10,345,968
	Other Expenses:						
9	Depreciation Expense	\$	11,560,068	\$	12,468,039	\$	-907,971
10	Interest on Customer Deposits		119,317		118,049		1,268
11	General Taxes		6,118,944		6,879,384		-760,440
12	State Excise Taxes		1,456,808		1,240,659		216,149
13	Federal Income Taxes		7,334,466		6,246,242		1,088,224
14	Total Other Expenses		26,589,603	=	26,952,373	=	-362,770
15	Total Operating Expenses	\$	123,738,578	\$	134,447,316	\$	-10,708,738
16	Utility Operating Income	\$ __	19,673,379	\$	18,223,260	\$ <u>_</u>	1,450,119

A/ CAPD Exhibit, Schedule 6.
B/ Company Exhibit, Schedule 10.

Comparative Margin Summary For the 12 Months Ending May 31, 2016

Line No.	Customer Class	A/	Company B/	Difference
1	Residential (210)	\$ 32,500,610	\$ 32,479,644	\$ 20,966
2	Heating & Cooling (211)	689	675	14
3	Small Commercial & Industrial (220)	20,351,848	20,408,112	-56,264
4	Experimental School (221)	90,041	82,218	7,823
5	Public Housing (225)	166,166	180,816	-14,650
6	Large Commercial & Industrial (230)	279,452	235,443	44,009
7	Demand/Commodity (240)	0	0	0
8	Interruptible (250)	632,584	632,584	0
9	Transportation (260)	9,009,539	9,010,419	-880
10	Economic Development (280)	125,255	125,293	-38
11	Negotiated/Special Contract (291)	811,988	811,988	0
12	Cogeneration (292)	3,785	3,785	0
13	Large Tonnage Air Conditioning (293)	18,351_	18,351	0
14	Total Sales & Transportation Revenue	\$ 63,990,308	\$ 63,989,328	\$ 980
15	Other Revenues	1,216,690	1,136,588	80,102
16	Total Revenues	\$ 65,206,998	\$ <u>65,125,916</u>	\$ 81,082

A/ CAPD Revenue Workpaper R-1.00.
B/ Company Response to MFR#12, Attachment #1, Schedule JCD-2.

Taxes Other than Income Income Taxes For the 12 Months Ending May 31, 2016

Line No.		CAPD A/	Company B/	Difference
1	Property Taxes	\$ 3,461,815	\$ 3,779,448	\$ -317,633
2	TRA Inspection Fee	423,239	530,084	-106,845
3	Payroll Taxes	518,997	272,080	246,917
4	Franchise Tax	615,857	622,004	-6,147
5	Gross Receipts Tax	1,079,726	1,241,962	-162,236
6	Allocated & Other Taxes	19,310	433,806	-414,496
7	Total	\$ <u>6,118,944</u>	\$ <u>6,879,384</u>	\$ <u>-760,440</u>

A/ CAPD Tax Workpaper T-1.00.

B/ Company Exhibit, Schedule 5.

Excise and Income Taxes
For the 12 Months Ending May 31, 2016

Line		
No.		CAPD
1	Operating Revenues	\$ <u>143,411,957</u> A/
	Operating Expenses:	
2	Purchased Gas Expense	\$ 78,138,740 A/
3	O&M Expenses	19,010,235 A/
4	Depreciation Expense	11,560,068 A/
5	Interest on Customer Deposits	119,317 A/
6	General Taxes	6,118,944 A/
7	Total Operating Expenses	\$ <u>114,947,304</u>
8	NOI Before Excise and Income Taxes	\$ 28,464,653
9	AFUDC	-66,220 B/
10	Interest Expense	6,118,447 C/
11	Pre-tax Book Income	\$ 22,412,426
12	Schedule M Adjustments	22,412,426 D/
13	Excise Taxable Income	\$ <u> </u>
14	Excise Tax Rate	6.50%
15	Excise Tax Payable	\$ <u> </u>
16	Excise Tax - Deferred	1,456,808
17	State Excise Tax Expense	\$ <u>1,456,808</u>
18	Pre-tax Book Income	\$ 22,412,426
19	State Excise Tax Expense	1,456,808
20	Schedule M Adjustments	20,955,618 D/
21	FIT Taxable Income	\$ <u> </u>
22	FIT Rate	35.00%
23	Federal Income Tax Payable	\$ <u> </u>
24	FIT - Deferred	7,334,466
25	Federal Income Tax Expense	\$ 7,334,466

A/ CAPD Exhibit, Schedule 6.

B/ CAPD Expense Workpaper E-REC-1.

C/ CAPD Exhibit, Schedule 12.

D/ All Pre-tax book income assumed to be deferred.

E/ Company Exhibit, Schedule 10-1.

Income Statement at Proposed Rates For the 12 Months Ending May 31, 2016

Line No.		Current Rates A/	Rate Increase B/	Proposed Rates
	Operating Revenues:			
1	Gas Sales & Transportation Revenues	\$ 142,129,047	\$ -3,004,166	\$ 139,124,881
2	Other Revenues	1,216,690	-45,303	1,171,387
3	AFUDC	66,220	-,	66,220
4	Total Operating Revenue	\$ 143,411,957	\$	\$ 140,362,489
	Operating & Maintenance Expenses:			
5	Purchased Gas Expense	\$ 78,138,740	\$	\$ 78,138,740
6	Operations & Maintenance - Labor	8,964,442		8,964,442
7	Operations & Maintenance - NonLabor	10,045,793	-9,374	10,036,419
8	Total Operating & Maintenance Expenses	\$ 97,148,975	\$	\$ 97,139,601
	Other Expenses:			
9	Depreciation Expense	\$ 11,560,068	\$	\$ 11,560,068
10	Interest on Customer Deposits	119,317		119,317
11	General Taxes	6,118,944		6,118,944
12	State Excise Taxes	1,456,808	-197,606	1,259,202
13	Federal Income Taxes	7,334,466	-994,870	6,339,597
14	Total Other Expenses	\$ 26,589,603	\$ -1,192,476	\$ 25,397,127
15	Total Operating Expenses	\$ <u>123,738,578</u>	\$ <u>-1,201,850</u>	\$ <u>122,536,728</u>
16	Utility Operating Income	\$ <u>19,673,379</u>	\$ <u>-1,847,618</u>	\$ <u>17,825,761</u>

A/ TRA Exhibit, Schedule 6. B/ TRA Exhibit, Schedule 1.

Rate of Return Summary For the 12 Months Ending May 31, 2016

	Class of Capital		CAPD	A/	
Line No.		Percent of Total	Cost Rate A/	Weighted Cost Rate	
1	Short-Term Debt	1.50%	2.00%	0.03%	
2	Long-Term Debt	43.41%	43.41% 5.90%		
3	Common Equity	55.09%	9.00%	4.96%	
4	Total	100.00%		7.55%	
	Interest Expense Short-Term Debt:				
5	Rate Base		:	\$ 236,124,979 B/	
6 7	Short-Term Weighted Debt Cost Short-Term Debt Interest Expense			\$ 0.03% 70,837	
	Interest Expense Long-Term Debt:				
8	Rate Base		;	\$ 236,124,979 B/	
9 10	Long-Term Weighted Debt Cost Long-Term Debt Interest Expense		;	\$ 6,047,609	
11	Total Interest Expense		,	\$ 6,118,447	

A/ Klein Exhibit, Page 2 of 17.

B/ CAPD Exhibit, Schedule 2.

Revenue Conversion Factor For the 12 Months Ending May 31, 2016

Line No.		Amount	Balance
1	Operating Revenues	Amount	1.000000
2	Add: Forfeited Discounts	0.015080 A /	0.015080
3	Balance		1.015080
4	Uncollectible Ratio	0.003074 B/	0.003120
5	Balance		1.011960
6	State Excise Tax	0.065000 C/	0.065777
7	Balance		0.946182
8	Federal Income Tax	0.350000 C/	0.331164
9	Balance		0.615018
10	Revenue Conversion Factor (Line 1 / Line 9)		1.625966

A/ CAPD Revenue Workpaper R-96-2.00.

B/ CAPD Revenue Workpaper R-96-9.00.

C/ Statutory Rates.

CAPD Proposed Revenue Change For the 12 Months Ending May 31, 2016

Line No.	Customer Class		Current Rates A/	_	Proposed Rates	_	Revenue Change B/	Percent Change
1	Residential (210)	\$	32,500,610	\$	31,008,430	\$	-1,492,180	-4.59%
2	Heating & Cooling (211)		689		657		-32	-4.59%
3	Small Commercial & Industrial (220)		20,351,848		19,417,446		-934,402	-4.59%
4	Experimental School (221)		90,041		85,907		-4,134	-4.59%
5	Public Housing (225)		166,166		158,537		-7,629	-4.59%
6	Large Commercial & Industrial (230)		279,452		266,622		-12,830	-4.59%
7	Demand/Commodity (240)		0		0		0	-4.59%
8	Interruptible (250)		632,584		603,541		-29,043	-4.59%
9	Transportation (260)		9,009,539		8,595,890		-413,649	-4.59%
10	Economic Development (280)		125,255		119,504		-5,751	-4.59%
11	Negotiated/Special Contract (291)		811,988		774,708		-37,280	-4.59%
12	Cogeneration (292)		3,785		3,611		-174	-4.59%
13	Large Tonnage Air Conditioning (293)	_	18,351	_	17,508	_	-843	-4.59%
14	Total Sales & Transportation Revenue	\$	63,990,308	\$	61,052,361	\$	-2,937,947	-4.59%
15	Other Revenues	_	1,216,690	_	1,171,387	_	-45,303	-3.72%
16	Total Revenues	\$_	65,206,998	\$_	62,223,749	\$_	-2,983,249	-4.58%

A/ CAPD Exhibit, Schedule 8. B/ CAPD Exhibit, Schedule 11.