# IN THE TENNESSEE REGULATORY AUTHORITY NASHVILLE, TENNESSEE

NASHVILL	e, iennessee
IN RE:	)
PETITION OF ATMOS ENERGY CORPORATION FOR ADJUSTMENT OF RATES	) DOCKET NO. 12-00064
**************************************	**************************************
********	**********

**October 5, 2012** 

## INDEX TO SCHEDULES For the 12 Months Ending November 30, 2013

	_ Schedule_
Results of Operations	1
Average Rate Base	2
Comparative Rate Base	3
Lead Lag Results	, 4
Working Capital Expense Lag	5
Income Statement at Current Rates	6
Comparative Income Statement at Current Rates	7
Comparative Margin Summary	8
Taxes Other than Income Income Taxes	9
Excise and Income Taxes	10
Income Statement at Proposed Rates	11
Rate of Return Summary	12
Revenue Conversion Factor	13
CAPD Proposed Revenue Change	14

Results of Operations
For the 12 Months Ending November 30, 2013

Line No. 1	Rate Base	\$\frac{CAPD}{183,493,088} \textbf{A}\text{I}	Company E/ \$ 208,661,037	Difference \$ -25,167,949
2	Operating Income At Current Rates	12,142,547 <b>B/</b>	11,649,748	492,799
3	Earned Rate Of Return	6.62%	5.58%	1.03%
4	Fair Rate Of Return	7.72% <b>C/</b>	8.75%	-1.03%
5	Required Operating Income	14,161,967	18,257,841	-4,095,874
6	Operating Income Deficiency	2,019,420	6,608,093	-4,588,672
7	Gross Revenue Conversion Factor	1.618726 <b>D/</b>	1.634495	-0.015770
8	Revenue Deficiency	\$ <u>3,268,888</u>	\$ <u>10,800,897</u>	\$ <u>-7,532,009</u>

A/ CAPD Exhibit, Schedule 2.
B/ CAPD Exhibit, Schedule 6.
C/ CAPD Exhibit, Schedule 12.
D/ CAPD Exhibit, Schedule 13.
E/ Company Exhibit, Schedules THP-1 and Schedule THP-10.

Average Rate Base For the 12 Months Ending November 30, 2013

Line No.	_	Test <u>Period</u> A/	Adjustments	Attrition Period B/
	Additions:			
1	Utility Plant in Service	\$ 394,722,350	\$ 27,844,765	\$ 422,567,115
2	Construction Work in Progress	6,111,881	-1,521,651	4,590,230
3	Gas Inventory	6,709,810	-868,752	5,841,058
4	Materials & Supplies	7,861	1,106	8,967
5	Deferred Rate Case Expense	0	383,333	383,333
6	Intercompany Leased Property	5,919,136	-395,450	5,523,686
7	Working Capital	607,429	-524,589	82,840 C/
8	Total Additions	\$ <u>414,078,467</u>	\$24,918,762	\$ <u>438,997,229</u>
	Deductions:			
9	Accumulated Depreciation	\$ 171,525,585	\$ 14,977,439	\$ 186,503,024
10	Accumulated Deferred Income Taxes	41,869,830	22,452,644	64,322,474
11	Operating Reserves	0	561,249	561,249
12	Customer Advances for Construction	66,196	727	66,923
13	Customer Deposits	3,809,495	182,739	3,992,234
14	Accumulated Interest on Customer Deposits	81,314	-23,077	58,237
15	Total Deductions	\$ <u>217,352,420</u>	\$ 38,151,721	\$ <u>255,504,141</u>
16	Rate Base	\$ <u>196,726,047</u>	\$ <u>-13,232,959</u>	\$ <u>183,493,088</u>

A/ Company Exhibit, Schedule THP-7. B/ CAPD Rate Base Workpaper RB-1.00. C/ CAPD Exhibit, Schedule 4.

Comparative Rate Base For the 12 Months Ending November 30, 2013

Line No.		CAPD A/	Company B/	Difference
	Additions:			
1	Utility Plant in Service	\$ 422,567,115	\$ 427,140,830	\$ -4,573,715
2	Construction Work in Progress	4,590,230	5,049,268	-459,038
3	Gas Inventory	5,841,058	5,841,058	0
4	Materials & Supplies	8,967	8,967	0
5	Deferred Rate Case Expense	383,333	383,333	0
6	Intercompany Leased Property	5,523,686	5,828,510	-304,824
7	Working Capital	82,840	652,972	-570,132
8	Total Additions	\$ <u>438,997,229</u>	\$ <u>444,904,938</u>	\$5,907,709
	Deductions:			
0		\$ 186,503,024	\$ 182,167,352	\$ 4,335,672
9	Accumulated Depreciation	, , ,		
10	Accumulated Deferred Income Taxes	64,322,474	49,959,155	14,363,319
11	Operating Reserves	561,249	0	561,249
12	Customer Advances for Construction	66,923	66,923	0
13	Customer Deposits	3,992,234	3,992,234	0
14	Accumulated Interest on Customer Deposits	58,237	58,237	0
15	Total Deductions	\$ 255,504,141	\$ <u>236,243,901</u>	\$ 19,260,240
16	Rate Base	\$ <u>183,493,088</u>	\$ <u>208,661,037</u>	\$ <u>-25,167,949</u>

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

ATMOS ENERGY CORPORATION
Lead Lag Results
For the 12 Months Ending November 30, 2013

Line		
<u>No.</u> 1	Revenue Lag	<u>CAPD</u> 36.48 <b>A</b> /
2	Expense Lag	36.23 B/
3	Net Lag	0.25
4	Daily Cost of Service	\$330,950_ <b>B</b> /
5	Lead Lag Study	\$ 82,840

ATMOS ENERGY CORPORATION
Working Capital Expense Lag
For the 12 Months Ending November 30, 2013

Line No.		AmountA/	B/	Dollar Days
	Operating & Maintenance Expenses:	<del></del>		
1	Purchased Gas Expense	\$ 68,279,615	39.46	\$ 2,694,313,608
2	O&M Labor	3,732,632	14.14	52,779,416
3	O&M Non-Labor	15,122,891	22.78	344,499,457
	Taxes Other Than Income:			
4	Ad Valorem	3,270,467	241.50	789,817,781
5	State Gross Receipts Tax	1,319,687	-151.50	-199,932,581
6	Payroll Taxes	298,942	19.19	5,736,697
7	Franchise Tax	617,385	37.00	22,843,245
8	TRA Inspection Fee	422,746	272.00	114,986,912
9	DOT Fee	18,035	60.00	1,082,100
	Allocated Taxes - Shared Services:			
10	Ad Valorem	68,720	241.50	16,595,844
11	Payroll Taxes	219,424	19.19	4,210,749
	Allocated Taxes - Business Unit:			
12	Ad Valorem	41,376	241.50	9,992,222
13	Payroll Taxes	52,043	19.19	998,712
	Federal Income Tax:			
14	Current Taxes	0	37.00	0
15	Deferred Taxes	3,495,911	0.00	0
	State Excise Taxes:			
16	Current Taxes	0	37.00	0
17	Deferred Taxes	693,814	0.00	0
	Other:			
20	Depreciation Expense	10,870,894	0.00	0
21	Interest on Customer Deposits	129,748	15.50	2,011,094
22	Interest Expense - Long Term Debt	5,655,807	91.19	515,753,082
23	Interest Expense - Short Term Debt	30,981	24.05	745,092
24	Return on Equity	6,455,758	0.00	0
25	Total Cost of Service	\$ <u>120,796,877</u>	36.23	\$ <u>4,376,433,431</u>
26	Daily Cost Of Service	\$330,950_		

A/ CAPD Exhibit, Schedule 6.
B/ CAPD Rate Base Workpaper RB-40-1.00.

ATMOS ENERGY CORPORATION Income Statement at Current Rates For the 12 Months Ending November 30, 2013

Line No.		Test Period A/	Adjustments	Attrition Amount B/
	Operating Revenues:			
1	Gas Sales & Transportation Revenues	\$ 120,398,800	\$ -1,055,455	\$ 119,343,345 C/
2	Other Revenues	1,257,907	195,625	1,453,532 <b>C/</b>
3	Total Water Revenue	\$ 121,656,707	\$859,830	\$ 120,796,877
	Operating & Maintenance Expenses:			
4	Purchased Gas Expense	\$ 69,266,324	\$ -986,709	\$ 68,279,615
5	Operations & Maintenance - Labor	3,740,002	-7,370	3,732,632
6	Operations & Maintenance - NonLabor	13,574,113_	1,548,778	15,122,891
7	Total Operating & Maintenance Expenses	\$ 86,580,439	\$554,699	\$ 87,135,138
	Other Expenses:			
8	Depreciation Expense	\$ 10,216,011	\$ 654,883	\$ 10,870,894 <b>D</b> /
9	Interest on Customer Deposits	123,809	5,939	129,748 <b>E/</b>
10	General Taxes	6,224,968	103,857	6,328,825 <b>F</b> /
11	State Excise Taxes	811,258	-117,444	693,814 <b>G/</b>
12	Federal Income Taxes	4,070,732	-574,821	3,495,911 <b>G/</b>
13	Total Other Expenses	\$ 21,446,778	\$ 72,414	\$ 21,519,192
14	Total Operating Expenses	\$108,027,217	\$627,113	\$ 108,654,330
15	Utility Operating Income	\$ <u>13,629,490</u>	\$1,486,943_	\$ <u>12,142,547</u>

A/ Company Schedule THP-10.

B/ CAPD Expense Workpaper E-REC-1.

C/ CAPD Exhibit, Schedule 8.

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

E/ Company Schedule THP-1.

F/ CAPD Exhibit, Schedule 9.

G/ CAPD Exhibit, Schedule 10.

Comparative Income Statement at Current Rates For the 12 Months Ending November 30, 2013

Line No.		CAPD A/	Company B/	Difference
	Operating Revenues:			
1	Gas Sales & Transportation Revenues	\$ 119,343,345	\$ 120,925,697	\$ -1,582,352
2	Other Revenues	1,453,532	1,257,907	195,625
3	Total Water Revenue	\$ 120,796,877	\$ 122,183,604	\$ <u>-1,386,727</u>
	Operating & Maintenance Expenses:			
4	Purchased Gas Expense	\$ 68,279,615	\$ 69,266,324	\$ -986,709
5	Operations & Maintenance - Labor	3,732,632	3,857,085	-124,453
6	Operations & Maintenance - NonLabor	15,122,891_	17,012,671	-1,889,780
7	Total Operating & Maintenance Expenses	87,135,138	90,136,080	-3,000,942
	Other Expenses:			
8	Depreciation Expense	\$ 10,870,894	\$ 10,620,298	\$ 250,596
9	Interest on Customer Deposits	129,748	129,748	0
10	General Taxes	6,328,825	6,262,934	65,891
11	State Excise Taxes	693,814	1,260,891	-567,077
12	Federal Income Taxes	3,495,911_	6,345,271	-2,849,360
13	Total Other Expenses	21,519,192	24,619,142	-3,099,950
14	Total Operating Expenses	\$ <u>108,654,330</u>	\$ <u>114,755,222</u>	\$
15	Utility Operating Income	\$ <u>12,142,547</u>	\$ <u>7,428,382</u>	\$ <u>4,714,165</u>

A/ CAPD Exhibit, Schedule 6. B/ Company Exhibit, Schedule THP-1.

Comparative Margin Summary
For the 12 Months Ending November 30, 2013

Line No.	Customer Class	A/	CompanyB/	Difference
1	Residential (210)	\$ 26,082,150	\$ 26,673,796	\$ -591,646
2	Heating & Cooling (211)	598	725	-127
3	Small Commercial & Industrial (220)	16,672,111	16,656,897	15,214
4	Experimental School (221)	74,599	69,243	5,356
5	Public Housing (225)	134,029	136,118	-2,089
6	Large Commercial & Industrial (230)	351,391	366,301	-14,910
7	Demand/Commodity (240)	368,171	368,171	0
8	Interruptible (250)	568,144	568,144	0
9	Transportation (260)	6,228,516	6,235,956	-7,440
10	Negotiated/Special Contract (291)	560,261	560,261	0
11	Cogeneration (292)	2,005	2,006	-1
12	Large Tonnage Air Conditioning (293)	21,755	21,755	0
13	Total Sales & Transportation Revenue	\$ 51,063,730	\$ 51,659,373	\$ -595,643
14	Other Revenues	1,453,532	1,257,907	195,625
15	Total Revenues	\$52,517,262	\$ <u>52,917,280</u>	\$400,018

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 November 30, 2013

Line No.			CAPD A/		Company B/		Difference
1	Property Taxes	\$	3,270,467	\$	3,307,000	\$	-36,533
2	TRA Inspection Fee		422,746		433,803		-11,057
3	Payroll Taxes		298,942		280,781		18,161
4	Franchise Tax		617,385		602,000		15,385
5	Gross Receipts Tax		1,319,687		1,228,602		91,085
6	Allocated & Other Taxes	_	399,598	_	399,598	_	0.
7	Total	\$_	6,328,825	\$_	6,251,784	\$_	77,041

A/ CAPD Expense Workpaper T-OTAX-0. B/ Company Exhibit, Schedule GW-3.

ATMOS ENERGY CORPORATION
Excise and Income Taxes For the 12 Months Ending November 30, 2013

Line			
No.	_	_	CAPD
1	Operating Revenues	\$_ <u></u>	120,796,877 A/
	Operating Expenses:		
2	O&M Expenses	\$	87,135,138 <b>A</b> /
3	Depreciation Expense		10,870,894 <b>A/</b>
4	Interest on Customer Deposits		129,748 <b>A</b> /
5	General Taxes		6,328,825 A/
6	Total Operating Expenses	\$	104,464,605
7	NO! Before Excise and Income Taxes	\$	16,332,272
	AFUDC		-28,577 B/
8			5,686,788 <b>C</b> /
9	Interest Expense	s <sup>-</sup>	10,674,061
10	Pre-tax Book Income	φ	10,674,061 <b>D</b> /
11	Schedule M Adjustments		10,074,003 <b>5</b> /
12	Excise Taxable Income	\$	-
13	Excise Tax Rate		6.50%
14	Excise Tax Payable	\$	0
15	Excise Tax - Deferred		693,814
16	State Excise Tax Expense	\$	693,814
17	Pre-tax Book Income	\$	10,674,061
 18	State Excise Tax Expense	•	693,814
19	Schedule M Adjustments		9,980,247 D/
20	FIT Taxable Income	s_	0
21	FIT Rate	*	35,00%
22	Federal Income Tax Payable	\$	0
23	ITC Amortization	Ψ	2,825 <b>E</b> /
23 24	FIT - Deferred		3,493,086
24 25		<u>e</u>	3,495,911
25	Federal Income Tax Expense	Ψ <u></u>	0,400,011

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 Schedule 10-1.

ATMOS ENERGY CORPORATION
Income Statement at Proposed Rates
For the 12 Months Ending November 30, 2013

Line No.		Current Rates A/	Rate Increase B/	Proposed Rates
	Operating Revenues:	<u> </u>		
1	Gas Sales & Transportation Revenues	\$ 119,343,345	\$ 3,268,888	\$ 122,612,233
2	Other Revenues	1,453,532	61,775	1,515,307
2 3	Total Water Revenue	\$ <u>120,796,877</u>	\$3,330,664	\$ 124,127,541
	Operating & Maintenance Expenses:			
4	Purchased Gas Expense	\$ 68,279,615	\$	\$ 68,279,615
5	Operations & Maintenance - Labor	3,732,632		3,732,632
6	Operations & Maintenance - NonLabor	<u> 15,122,891</u>	7,884	15,130,775
7	Total Operating & Maintenance Expenses	\$ <u>87,135,138</u>	\$ 7,884	\$ <u>87,143,022</u>
	Other Expenses:			
8	Depreciation Expense	\$ 10,870,894	\$	\$ 10,870,894
9	Interest on Customer Deposits	129,748		129,748
10	General Taxes	6,328,825		6,328,825
11	State Excise Taxes	693,814	215,981	909,795
12	Federal Income Taxes	3,495,911	1,087,380	4,583,291
13	Total Other Expenses	\$ 21,519,192	\$ <u>1,303,360</u>	\$ 22,822,552
14	Total Operating Expenses	\$ <u>108,654,330</u>	\$ <u>1,311,244</u>	\$ <u>109,965,575</u>
15	Utility Operating Income	\$ <u>12,142,547</u>	\$ <u>2,019,419</u>	\$ <u>14,161,966</u>

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

Rate of Return Summary
For the 12 Months Ending November 30, 2013

	Class of Capital	CAPD					
Line No.		Percent of Total	Cost Rate A/	Weighted Cost Rate			
1	Short-Term Debt	1.26%	1.34%	0.02%			
2	Long-Term Debt	47.42%	6.50%	3.08%			
3	Common Equity	51.32%	9.00%	4.62%			
4	Total	100.00%		7.72%			
	Interest Expense Short-Term Debt:						
5	Rate Base		;	\$ 183,493,088 <b>B</b> /			
6	Short-Term Weighted Debt Cost			0.02%			
7	Short-Term Debt Interest Expense		:	30,981			
	Interest Expense Long-Term Debt:						
8	Rate Base		;	\$ 183,493,088 <b>B/</b>			
9	Long-Term Weighted Debt Cost			3.08%			
10	Long-Term Debt Interest Expense	•	,	\$ <u>5,655,807</u>			
11	Total Interest Expense		:	5,686,788			

A/ Klein Exhibit, Page 2 of 17. B/ CAPD Exhibit, Schedule 2.

Revenue Conversion Factor For the 12 Months Ending November 30, 2013

Line No.		Amount	Balance
1	Operating Revenues		1.000000
2	Add: Forfeited Discounts	0.018898 <b>A</b> /	0.018898
3	Balance		1.018898
4	Uncollectible Ratio	0.002367 <b>B/</b>	0.002412
5	Balance		1.016486
6	State Excise Tax	0.065000 <b>C</b> /	0.066072
7	Balance		0.950415
8	Federal Income Tax	0.350000 <b>C</b> /	0.332645
9	Balance		0.617769
10	Revenue Conversion Factor (Line 1 / Line 9)		1.618726

A/ CAPD Revenue Workpaper R-96-2.00. B/ CAPD Expense Workpaper E-CA. C/ Statutory Rates.

CAPD Proposed Revenue Change For the 12 Months Ending November 30, 2013

Line No.	Customer Class		Current Rates A/		Proposed Rates	_	Revenue Change B/	Percent Change
1	Residential (210)	\$	26,082,150	\$	27,751,821	\$	1,669,671	6.40%
2	Heating & Cooling (211)		598		636		38	6.40%
3	Small Commercial & Industrial (220)		16,672,111		17,739,390		1,067,279	6.40%
4	Experimental School (221)		74,599		79,375		4,776	6.40%
5	Public Housing (225)		134,029		142,609		8,580	6.40%
6	Large Commercial & Industrial (230)		351,391		373,886		22,495	6.40%
7	Demand/Commodity (240)		368,171		391,740		23,569	6.40%
8	Interruptible (250)		568,144		604,514		36,370	6.40%
9	Transportation (260)		6,228,516		6,627,240		398,724	6.40%
10	Negotiated/Special Contract (291)		560,261		596,127		35,866	6.40%
11	Cogeneration (292)		2,005		2,133		128	6.40%
12	Large Tonnage Air Conditioning (293)	_	21,755	_	23,148	_	1,393	6.40%
13	Total Sales & Transportation Revenue	\$	51,063,730	\$	54,332,618	\$	3,268,888	6.40%
14	Other Revenues		1,453,532	_	1,515,307	_	61,775	4.25%
15	Total Revenues	\$_	52,517,262	\$_	55,847,926	\$_	3,330,664	6.34%

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