

**IN THE TENNESSEE PUBLIC UTILITY COMMISSION
AT NASHVILLE, TENNESSEE**

IN RE:

PETITION OF ATMOS ENERGY	)	
CORPORATION FOR APPROVAL	)	
OF ITS 2024 ANNUAL RATE	)	DOCKET NO. 24-00006
REVIEW FILING PURSUANT TO	)	
TENN. CODE ANN. § 65-5-103(d)(6)	)	

STIPULATION AND SETTLEMENT AGREEMENT

In a compromise and settlement of the outstanding issues in this matter, Tennessee Public Utility Commission (“TPUC” or “Commission”) Docket No. 24-00006, Jonathan Skrmetti, the Tennessee Attorney General and Reporter, by and through the Consumer Advocate Division (“Consumer Advocate”) of the Financial and Regulatory Section, and Atmos Energy Company (“Atmos Energy” or the “Company”) (collectively, the “Parties”), respectfully submit this Stipulation and Settlement Agreement (“Settlement Agreement”).

BACKGROUND

1. On January 30, 2024, the Company filed the *Petition of Atmos Energy Corporation for Approval of its 2024 Annual Rate Review Filing Pursuant to Tenn. Code Ann. § 65-5-103(d)(6)* (“Petition”) seeking approval of new rates pursuant to its alternative ratemaking mechanism as approved in TPUC Docket No. 14-00146 and as modified in TPUC Docket No. 18-00112.

2. On April 4, 2024, the Consumer Advocate filed the *Direct Testimony of William H. Novak* (“Consumer Advocate’s testimony”), which raised certain objections to portions of the calculations accompanying the Company’s Petition.

3. On April 22, 2024, The Company filed the *Rebuttal Testimony of William Matthews* (“Company’s Rebuttal testimony”) in response to the issues raised by the Consumer Advocate’s testimony.

II. SETTLEMENT AGREEMENT TERMS

4. The Parties to this Settlement Agreement have undertaken discussions to resolve the remaining disputed issues in this case. As a result of the information obtained during the discussions between the Parties, and for the purpose of avoiding further litigation and resolving this matter upon acceptable terms, the Parties have reached this Settlement Agreement. Subject to the TPUC’s approval, in furtherance of this Settlement Agreement, the Parties have agreed to the settlement terms set forth below:

5. The Parties agree to reduce the Company’s revenue deficiency to \$19,415,875, which is a reduction of \$973,747 from the Company’s filed position of \$20,389,622. This change is the result of the Parties agreeing to make: (i) a *pro forma* adjustment to Other Revenues to mirror the amount collected in the Company’s last full rate case, Docket No. 14-00146, but as calculated according to the Company’s position regarding the forfeited discount factor;¹ (ii) certain adjustments to the Company’s cost of capital to correct cost rates for both short-term and long-term debt, as recommended in the Consumer Advocate’s testimony and accepted in the Company’s

¹ While Atmos Energy agreed, for the purposes of settlement only, with the Consumer Advocate’s calculation of the Pro Rata Portion of the Other Revenue Adjustment of \$1,136,403, Atmos Energy disagreed with the Consumer Advocate’s \$134,768 adjustment to the revenue conversion factor. The revenue conversion factor represents a percentage that is applied to the increase in net operating income to produce enough revenue to offset incremental income taxes. One component of this revenue conversion factor relates to the Company’s Forfeited Discount Ratio. To compute the Forfeited Discount Ratio, the Consumer Advocate’s expert used the same factor that was adopted in the Company’s last rate case in 2014. In the 2014 rate case, the Forfeited Discount ratio was based on the expected gross margin – that is Forfeited Discounts divided by Gross Margin. However, in 2018, the Commission adopted a method of basing the Forfeited Discount Ratio on total revenues – that is Forfeited Discounts divided by Total Revenues. The difference between these two methods (Gross Margin vs. Revenues) results in the \$134,768 component adjustment to Forfeited Discounts shown in the settlement model attached as Exhibit B. In an effort to settle this matter, the Consumer Advocate will not contest the Company’s use of the 2018 method of basing the Forfeited Discount Ratio on total revenues. A *pro forma* adjustment will not be necessary in future ARM filings since Atmos Energy has reimplemented the forfeited discount provision of its tariff and will have data for a 12-month period.

Rebuttal testimony; (iii) those miscellaneous adjustments recommended in the Consumer Advocate's testimony; and (iv) the revenue split between the base charges and volumetric charges in rate design presented in the Consumer Advocate's testimony and included in this Settlement Agreement as Exhibit A. A complete model setting forth how this revenue deficiency was calculated for purposes of this Settlement Agreement is attached as Exhibit B. These changes have been agreed to solely for purposes of resolving this matter without litigation, and inclusion of this provision does not reflect the adoption of any methodology regarding these issues by the Parties in future ARM filings. Notwithstanding the inclusion of this provision in this Settlement Agreement, the Parties reserve their respective rights regarding these issues in future ARM proceedings.

6. The Settlement Agreement does not address any other issues or adjustments raised by the Consumer Advocate's testimony except those expressly agreed upon within this Settlement Agreement. Any issues or adjustments not expressly addressed in this Settlement Agreement are reserved by both Parties to be raised in future ARM proceedings.

7. All pre-filed discovery (formal and informal), testimony and exhibits of the Parties will be introduced into evidence without objection, and the Parties waive their right to cross-examine all witnesses with respect to all such pre-filed testimony. If, however, questions should be asked by any person, including a Commissioner, the Parties may present testimony and exhibits to respond to such questions and may cross-examine any witnesses with respect to such testimony and exhibits. The Parties would ask to permit any out-of-town witnesses to be available by telephone or video conference to reduce the costs associated with such appearance.

8. After the filing of this Settlement Agreement, the Parties agree to support this

Settlement Agreement before the TPUC and in any hearing, proposed order, or brief conducted or filed in this Docket. The provisions in this Settlement Agreement do not necessarily reflect the positions asserted by any Party. None of the Parties to this Settlement Agreement shall be deemed to have acquiesced in or agreed to any ratemaking or accounting methodology or procedural principle except for the limited extent necessary to implement the provisions hereof and to the extent expressly stated above.

9. This Settlement Agreement shall not have any precedential effect in any future proceeding or be binding on any of the Parties in this or any other jurisdiction except to the limited extent necessary for the enforcement and implementation of the provisions hereof and to the extent expressly stated above.

10. The Parties request the Commission to order that the settlement of any issue pursuant to this Settlement Agreement shall not be cited by the Parties or any other entity as binding precedent in any other proceeding before TPUC, or any court, state or federal, except to the limited extent necessary to implement the provisions hereof and for the limited purpose of enforcement should it become necessary.

11. The terms of this Settlement Agreement have resulted from extensive negotiations between the signatories and the terms hereof are interdependent. The Parties jointly recommend that TPUC issue an order adopting this Settlement Agreement in its entirety without modification.

12. If the Commission does not accept the settlement in whole, the Parties are not bound by any position or term set forth in this Settlement Agreement. In the event that TPUC does not approve this Settlement Agreement in its entirety, each of the signatories to this Settlement Agreement retains the right to terminate this Settlement Agreement by giving

notice of the exercise of such right within 15 business days of the date of such action by TPUC; provided, however, that the signatories to this Settlement Agreement could, by unanimous consent, elect to modify this Settlement Agreement to address any modification required by, or issues raised by, TPUC within the same time frame. Should this Settlement Agreement terminate, it would be considered void and have no binding precedential effect, and the signatories to this Settlement Agreement would reserve their rights to fully participate in all relevant proceedings notwithstanding their agreement to the terms of this Settlement Agreement.

13. By agreeing to this Settlement Agreement, no Party waives any right to continue litigating this matter should this Settlement Agreement not be approved by TPUC in whole or in part.

14. No provision of this Settlement Agreement shall be deemed an admission of any Party. No provision of this Settlement Agreement shall be deemed a waiver of any position asserted by a Party in this Docket or any other docket.

15. The Consumer Advocate's agreement to this Settlement Agreement is expressly premised upon the truthfulness, accuracy and completeness of the information provided by Atmos Energy to TPUC and the Consumer Advocate throughout the course of this Docket, which information was relied upon by the Consumer Advocate in negotiating and agreeing to the terms and conditions of this Settlement Agreement.

16. The acceptance of this Settlement Agreement by the Attorney General shall not be deemed approval by the Attorney General of any of Atmos Energy's acts or practices.

17. Each signatory to this Settlement Agreement represents and warrants that it/he/she has informed, advised and otherwise consulted with the Party for whom it/he/she

signs regarding the contents and significance of this Settlement Agreement and has obtained authority to sign on behalf of such Party, and based upon those communications, each signatory represents and warrants that it/he/she is authorized to execute this Settlement Agreement on behalf of its/his/her respecting Party.

18. This Settlement Agreement shall be governed by and construed under the laws of the State of Tennessee, Tennessee choice of law rules notwithstanding.

19. Nothing herein limits or alters the Sovereign Immunity of the State of Tennessee or any of its entities or subdivisions.

20. The Parties agree that approval of the Settlement Agreement will become effective upon the oral decision of TPUC.

The foregoing is agreed and stipulated to this 29 day of April, 2024.

[Parties' signature pages follow -- remainder of page intentionally left blank]

Stipulation and Settlement Agreement
Tennessee Public Utility Commission Docket No. 24-00006
Atmos Energy Corporation Signature Page

ATMOS ENERGY CORPORATION.

HAVE SEEN AND AGREED.

By:



ERIK C. LYBECK, (BPR # 35233)

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[additional signature page follows – remainder of page intentionally left blank]

Stipulation and Settlement Agreement
Tennessee Public Utility Commission Docket No. 24-00006
Attorney General's Signature Page

FINANCIAL AND REGULATORY SECTION
CONSUMER ADVOCATE DIVISION

HAVE SEEN AND AGREED.

By:


JONATHAN SKRMETTI (BPR # 31551)
Attorney General and Reporter
State of Tennessee


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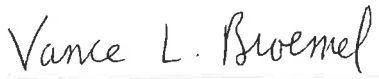

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Exhibit A

**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
PROOF OF REVENUES AND CALCULATION OF RATES
SUMMARY OF PRESENT AND PROPOSED RATES
FOR THE RATE EFFECTIVE YEAR**

	<u>Current Rate</u> Monthly	<u>Proposed Rate</u> Monthly
Sales and Transportation Revenues:		
210 Residential Gas Service (WINTER)		
Customer Charge	\$20.25	\$24.50
Commodity Charge	\$1.440	\$1.751
210 Residential Gas Service (SUMMER)		
Customer Charge	\$18.25	\$22.50
Commodity Charge	\$1.440	\$1.751
211 Residential & Small Commercial/Industrial Heating & Cooling		
Customer Charge	\$16.75	\$16.75
Commodity Charge	\$0.872	\$0.872
220 Commercial & Industrial Gas Service		
Customer Charge	\$42.45	\$50.00
Commodity Charge	\$2.870	\$3.551
221 Experimental School Gas Service		
Customer Charge	\$42.45	\$50.00
Commodity Charge	\$1.391	\$1.697
225 Public Housing Authority Gas Service (WINTER)		
Customer Charge	\$20.25	\$24.50
Commodity Charge	\$1.440	\$1.751
225 Public Housing Authority Gas Service (SUMMER)		
Customer Charge	\$18.25	\$22.50
Commodity Charge	\$1.440	\$1.751
230 Large Commercial & Industrial Gas Service		
Customer Charge	\$458.95	\$500.00
Commodity Charge	\$2.515	\$3.087

240 Demand/Commodity Gas Service

Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529
Demand Charge	\$19.000	\$23.25

250 Interruptible Gas Service

Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529

260 Transportation Service / 250 Interruptible Gas Service

Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529

260 Transportation Service / 220 Commercial & Industrial Gas Service

Customer Charge	\$458.95	\$500.00
Commodity Charge	\$2.870	\$3.551

260 Transportation Service / 230 Large Commercial & Industrial Gas Service

Customer Charge	\$458.95	\$500.00
Commodity Charge	\$2.515	\$3.087

Schedule 280 Economic Development Gas Service

Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
1 - 2,000 Mcf @ Discount Rate	\$1.057	\$1.294
Next 48,000 Mcf	\$0.933	\$1.142
Next 48,000 Mcf @ Discount Rate	\$0.700	\$0.857
Over 50,000 Mcf	\$0.432	\$0.529
Over 50,000 Mcf @ Discount Rate	\$0.324	\$0.397

Schedule 292 Cogeneration, CNG. Prime Movers, Fuel Cell Service

Customer Charge	\$42.45	\$50.00
1 - 2,000 Mcf	\$1.409	1.7250
Next 48,000 Mcf	\$0.933	1.1422
Over 50,000 Mcf	\$0.432	0.5289

Schedule 293 Large Tonnage Air Conditioning Gas Service

Customer Charge	\$42.45	\$50.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529

Exhibit B

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
TABLE OF CONTENTS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Schedules & Workpapers	Description
	(a)	(b)
1	Sch 1	REVENUE REQUIREMENT AND REVENUE DEFICIENCY CALCULATION
2	Sch 1R	REVENUE REQUIREMENT AND REVENUE DEFICIENCY CALCULATION
3	WP 1-1	INTEREST ON CUSTOMER DEPOSITS
4	WP 1-2	ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION
5	Sch 2	SUMMARY OF ACTUAL REVENUES FOR THE HISTORIC TEST PERIOD
6	Sch 3	COST OF GAS
7	WP 3-1	ELIMINATION OF LEASED PROPERTY-RENT
8	Sch 4	OPERATION AND MAINTENANCE ("O&M") EXPENSES
9	WP 4-1	OPERATIONAL AND MAINTENANCE ("O&M") EXPENSE ADJUSTMENTS
10	WP 4-2	OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
11	WP 4-3	BLANK SHEET
12	WP 4-4	PENSION BENCHMARK CALCULATION
13	Sch 5	TAXES OTHER THAN INCOME TAXES
14	WP 5-1	TAXES OTHER THAN INCOME TAXES
15	Sch 6	DEPRECIATION AND AMORTIZATION EXPENSES
16	WP 6-1	PROFORMA DEPRECIATION AT PROPOSED DEPRECIATION RATES
17	WP 6-2	PROFORMA DEPRECIATION AT CURRENT DEPRECIATION RATES
18	Sch 7	RATE BASE AND RETURN
19	Sch 7R	RATE BASE AND RETURN
20	WP 7-1	BLANK SHEET
21	WP 7-2	REALLOCATION OF RATE BASE ITEMS PROFORMA ALLOCATION FACTORS
22	WP 7-3	BLANK SHEET
23	WP 7-4	ACCUMULATED DEFERRED INCOME TAX
24	WP 7-5	CASH WORKING CAPITAL LEAD/LAG ANALYSIS
25	WP 7-6	BLANK SHEET
26	WP 7-7	CASH WORKING CAPITAL LEAD/LAG ANALYSIS
27	WP 7-8	AMORTIZATION SCHEDULE OF CAPITALIZED INCENTIVE COMPENSATION & SERP ADJUSTMENTS
28	WP 7-9	DEFERRED REGULATORY LIABILITY AMORTIZATION
29	WP 7-10	TN DEFERRED INTEREST, DEPRECIATION, & AD VALOREM TAX EXPENSE SEP-23

Line No.	Schedules & Workpapers	Description
30	Sch 8	COMPUTATION OF STATE EXCISE & INCOME TAXES
31	Sch 8R	COMPUTATION OF STATE EXCISE & INCOME TAXES
32	WP 8-1	BLANK SHEET
33	WP 8-2	REVENUE CONVERSION FACTOR
34	Sch 9	OVERALL COST OF CAPITAL
35	Sch 9R	OVERALL COST OF CAPITAL
36	WP 9-1	COST OF CAPITAL
37	WP 9-1R	COST OF CAPITAL
38	WP 9-2	COST OF CAPITAL - SHORT TERM DEBT RATE
39	WP 9-3	COST OF CAPITAL - LONG TERM DEBT RATE
40	Sch 10	RATE OF RETURN
41	Sch 10R	RATE OF RETURN
42	WP 10-1	COMPUTATION OF STATE EXCISE & FEDERAL INCOME TAXES FOR SCHEDULE 10
43	WP 10-1R	COMPUTATION OF STATE EXCISE & FEDERAL INCOME TAXES FOR SCHEDULE 10
44	Sch 11-1	PROOF OF REVENUES AND CALCULATION OF RATES
45	Sch 11-2	PROOF OF REVENUES AND CALCULATION OF RATES
46	Sch 11-3	PROOF OF REVENUES AND CALCULATION OF RATES
47	Sch 11-4	PROOF OF REVENUES AND CALCULATION OF RATES
48	1 Rev Deficiency - Surplus	REVENUE DEFICIENCY (SURPLUS)
49	2RB	RATE BASE
50	3 IS	INCOME STATEMENT
51	4 O&M	OPERATIONS AND MAINTENANCE EXPENSES
52	5 Tax	OPERATIONS AND MAINTENANCE EXPENSE
53	6 FIT	FEDERAL AND EXCISE TAXES
54	7 GU	GROSS REVENUE CONVERSION FACTOR
55	8 CC	COST OF CAPITAL

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
REVENUE REQUIREMENT AND REVENUE DEFICIENCY CALCULATION
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Cost of Gas	Sch 3	\$ 106,941,322
2			
3	Operation & Maintenance Expense	Sch 4	22,958,463
4			
5	Taxes Other Than Income Taxes	Sch 5	8,836,408
6			
7	Depreciation & Amortization Expense	Sch 6	20,679,816
8			
9	Return	Sch 7	42,329,632
10			
11	Federal Income and State Excise Tax	Sch 8	11,618,860
12			
13	AFUDC	WP_ 1-2	(986,308)
14	Rounding		745
15	Interest on Customer Deposits	WP_ 1-1	156,321
16			
17	Total Cost of Service	Sum (Ln 1 : Ln 15)	<u>\$ 212,535,258</u>
18			
19			
20	Revenue at Present Rates	Sch 11-2	<u>\$ 197,939,296</u>
21			
22	Net Revenue Deficiency (Sufficiency)	Ln 17 - Ln 20	\$ 14,595,962
23	Amortization of EDITL	WP_ 7-9	(255,213)
24	Annual Reconciliation Revenue Requirement	Schedule 1R	5,075,126
25			
26	Total Revenue Deficiency (Sufficiency)	Sum (Ln 22 : Ln 24)	<u><u>\$ 19,415,875</u></u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
REVENUE REQUIREMENT AND REVENUE DEFICIENCY CALCULATION
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Cost of Gas	Sch 3	\$ 106,941,322
2			
3	Operation & Maintenance Expense	Sch 4	22,958,463
4			
5	Taxes Other Than Income Taxes	Sch 5	8,836,408
6			
7	Depreciation & Amortization Expense	Sch 6	17,282,608
8			
9	Return	Sch 7R	39,089,427
10			
11	Federal Income and State Excise Tax	Sch 8R	10,588,060
12			
13	AFUDC	WP_1-2	(986,308)
14			
15	Interest on Customer Deposits	WP_1-1	156,321
16			
17	Total Cost of Service	Sum (Ln 1 : Ln 15)	<u>\$ 204,866,299</u>
18			
19			
20	Actual Adjusted Revenue	Sch 2	<u>\$ 200,321,953</u>
21			
22	Net Revenue Deficiency (Sufficiency)	Ln 17 - Ln 20	\$ 4,544,346
23	Carrying Costs	Sch 9	530,780
24	Annual Reconciliation Revenue Requirement	Ln 22 + Ln 23	<u><u>\$ 5,075,126</u></u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
INTEREST ON CUSTOMER DEPOSITS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Average Customer Deposits Balance	Sch 7	\$ 1,872,103
2			
3	Interest Rate on Customer Deposits ⁽¹⁾		8.35%
4			
5	Adjusted Customer Deposits Interest	Ln 1 x Ln 3	\$ 156,321
6			
7	Note:		
8	1. Per the PUC's Department of Regulatory Agencies Letter dated September 21, 2023 for the Calendar Year 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period AFUDC per books - Div 093 ⁽¹⁾		\$ (1,335,285)
2			
3	Less State Excise Tax Effect		<u>(86,794)</u>
4			
5	AFUDC net of state excise tax effect	Ln 1 - Ln 3	\$ (1,248,491)
6			
7	Less Federal Tax Effect		<u>(262,183)</u>
8			
9	Net AFUDC - Base Period	Ln 5 - Ln 7	<u><u>\$ (986,308)</u></u>
10	<i>This section intentionally left blank.</i>		
11			
12			
13			
14			
15	Note:		
16	1. Twelve months ended September 30, 2023 - Accounts 4320 and 4191.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
SUMMARY OF ACTUAL REVENUES FOR THE HISTORIC TEST PERIOD
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books revenue ⁽¹⁾		\$ 197,865,215
2			
3	Adjustments:		
4	Reconciliation Revenue (Oct-May)		\$ (3,381,885)
5	Reconciliation Revenue (Jun-Sep)		94,763
6	EDITL (Oct-May)		4,618,594
7	EDITL (Jun-Sep)		1,125,266
8	Actual Adjusted Revenue		<u>\$ 200,321,953</u>
9			
10	Test Year Revenue:		
11	Ongoing Gross Margin	Ln 13 - Ln 12	\$ 93,380,631
12	Gas cost	Sch 3	106,941,322
13	Total Test Year Revenue	Sum (Ln 1 : Ln 7)	<u>\$ 200,321,953</u>
14			
15			
16			
17			
18	Note:		
19	1. Twelve months ended September 30, 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
COST OF GAS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books cost of gas ⁽¹⁾		\$ 108,138,715
2			
3	Adjustment:		
4	Net Elimination of Intercompany Leased Storage Property	WP_3-1	(1,197,393)
5			
6			
7			
8	Total Adjusted Gas Cost	Sum (Ln 1 + Ln 4)	<u>\$ 106,941,322</u>
9			
10	Note:		
11	1. Twelve months ended September 30, 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
ELIMINATION OF LEASED PROPERTY-RENT
TEST YEAR ENDING SEPTEMBER 30, 2023

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)	(d)	(e)	(f)
1	Oct-22	\$ -	\$ 27,251	\$ 23,894	\$ 3,108	\$ (101,749)
2	Nov-22	-	32,237	23,894	3,108	(101,749)
3	Dec-22	-	49,439	23,894	3,108	(101,749)
4	Jan-23	-	37,876	23,894	3,508	(95,313)
5	Feb-23	-	38,721	23,894	3,508	(99,604)
6	Mar-23	-	35,930	23,753	14,170	(99,604)
7	Apr-23	-	31,687	20,603	8,018	(99,604)
8	May-23	-	38,817	20,857	3,508	(99,604)
9	Jun-23	-	28,068	20,349	3,508	(99,604)
10	Jul-23	-	26,974	20,603	3,508	(99,604)
11	Aug-23	-	30,784	20,603	3,508	(99,604)
12	Sep-23	-	17,132	20,603	3,508	(99,604)
13						
14	TY FY23	<u>\$ -</u>	<u>\$ 394,916</u>	<u>\$ 266,844</u>	<u>\$ 56,068</u>	<u>\$ (1,197,393)</u>

Note:

1. C232, Intercompany Leased Property, Twelve months ended September 30, 2023.

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATION AND MAINTENANCE ("O&M") EXPENSES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books O&M Expense net of ratemaking adjustments ⁽¹⁾	WP_4-1	\$ 22,563,547
2			
3			
4			
5			
6			
7	<u>Adjustment:</u>		
8			
9	Inclusion of Barnsley Storage Operating Expense	WP_3-1	\$ 394,916
10			
11			
12			
13			
14			
15	Total Adjusted O&M	Sum (Ln 1 + Ln 9)	<u>\$ 22,958,463</u>
16			
17	Note:		
18	1. Twelve months ended September 30, 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE ("O&M") EXPENSE ADJUSTMENTS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Tennessee (Div 093)		Shared Services (Div 002 & 012)		General Office (Div 091)		Total	
		Historic Base		Historic Base		Historic Base		Historic Base	
1	Labor	\$ 3,258,384	<i>This section intentionally left blank.</i>	\$ 3,433,990	<i>This section intentionally left blank.</i>	\$ 1,350,192	<i>This section intentionally left blank.</i>	\$ 8,042,566	<i>This section intentionally left blank.</i>
2	Benefits	351,309		816,248		377,316		1,544,873	
3	Employee Welfare	77,218		1,497,433		691,633		2,266,285	
4	Insurance	185,383		1,746,025		15,577		1,946,984	
5	Rent, Maint., & Utilities	898,115		346,867		154,653		1,399,635	
6	Vehicles & Equip	533,818		9,143		42,415		585,376	
7	Materials & Supplies	546,781		63,561		80,565		690,906	
8	Information Technologies	44,988		1,529,691		93,875		1,668,555	
9	Telecom	158,696		182,432		87,438		428,565	
10	Marketing	182,646		10,356		142,836		335,837	
11	Directors & Shareholders & PR	-		220,156		78		220,234	
12	Dues & Donations	137,585		58,621		4,473		200,679	
13	Print & Postages	33,790		22,582		5,076		61,448	
14	Travel & Entertainment	334,550		76,211		188,688		599,449	
15	Training	170,684		41,098		32,952		244,734	
16	Outside Services	5,412,500		894,806		1,209,132		7,516,439	
17	Provision for Bad Debt	315,764		-		-		315,764	
18	Miscellaneous	5,134		(4,182,988)		(88,010)		(4,265,865)	
19	Total O&M Expenses Per Book	\$ 12,647,344		\$ 6,766,232		\$ 4,388,888		\$ 23,802,464	
20									
21	Disallowed Items:								
22	Other (Sub 05416 and 05412)	\$ (2,334)		\$ (616)		\$ (2,049)		\$ (4,999)	
23	Incentive Comp (MFR 38)	-		(690,732)		(623,916)		(1,314,647)	
24	FAS 87 Accrual (Sub Account 01202)	(107,504)		(93,215)		(42,803)		(243,522)	
25	SERP (Sub 07489,07490,07492,07493,07497)	-		(41,937)		(21,188)		(63,125)	
26									
27	Rate Case Expenses	\$ -		\$ -		\$ -		\$ -	
28									
29	Actual Allocable Pension Contribution	\$ 397,601		\$ -		\$ -		\$ 397,601	
30	Legal Invoices Adjustment ⁽¹⁾	(10,224)		-		-		(10,224)	
31									
32	Total Adjusted O&M	\$ 12,924,883		\$ 5,939,732		\$ 3,698,932		\$ 22,563,547	

34 Note: 1. Legal Invoices have been adjusted to remove charges that are not related to Div 093.

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

Tennessee (Div 093)			
Line No.	FERC Account		Test Year
1	7350	\$	438
2	8400		-
3	8500		-
4	8560		77,522
5	8570		-
6	8700		1,991,711
7	8711		37,855
8	8740		5,831,548
9	8750		759,939
10	8760		2,996
11	8770		252
12	8780		274,537
13	8790		269
14	8800		32,977
15	8810		327,613
16	8860		5,169
17	8870		67,399
18	8890		123,533
19	8910		211
20	8920		1,641
21	8930		19,513
22	8940		-
23	9020		356,135
24	9030		878,186
25	9040		315,764
26	9080		10,043
27	9090		128,906
28	9100		23,690

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

29	9110	279,223
30	9120	56,586
31	9130	28,753
32	9200	90,970
33	9210	5,986
34	9220	11,155,120
35	9230	238,953
36	9240	140,477
37	9250	47,016
38	9260	369,939
39	9270	-
40	9280	-
41	9302	121,593
42	Total	<u>\$ 23,802,464</u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

General Office (Div 091)			
Line No.	FERC Account	Historic Base Period	
43	8160	\$	-
44	8170		532
45	8180		373
46	8190		3,783
47	8210		2,551
48	8240		-
49	8250		16,347
50	8410		-
51	8500		-
52	8560		479
53	8570		1,064
54	8600		4,000
55	8700		3,000,024
56	8710		-
57	8740		362,556
58	8750		140,196
59	8760		38
60	8770		-
61	8780		134,288
62	8800		944,719
63	8810		330,148
64	8870		1,023
65	8890		-
66	8900		-
67	8910		58
68	8920		5,830
69	9010		114,071
70	9020		42,046
71	9030		2,306,087

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

72	9090	201,857
73	9100	338
74	9110	209,813
75	9120	6,234
76	9130	3,672
77	9160	-
78	9200	(213,669)
79	9210	159,341
80	9220	(10,527,437)
81	9230	183,576
82	9240	(1,538)
83	9250	87,604
84	9260	2,460,414
85	9302	19,583
86	Total	<u>\$ 0</u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

SSU Division 002 (excluding CC 1903)			
Line No.	FERC Account	Historic Base Period	
87	8250	\$	11,020
88	8510		-
89	8520		68,359
90	8560		37,396
91	8650		21,344
92	8660		23,799
93	8670		1,419
94	8700		33,079
95	8740		264,441
96	8800		59,314
97	8810		(6,160)
98	8850		-
99	9010		2,509
100	9020		113,823
101	9030		277,945
102	9090		1,925
103	9100		7,121
104	9110		1,106
105	9120		268,987
106	9160		-
107	9200		(48,003,855)
108	9210		46,313,157
109	9220		(124,016,733)
110	9230		15,672,645
111	9240		120,578
112	9250		45,079,405
113	9260		51,305,151
114	9302		5,964,768
115	9310		5,843,779

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

116	9320	533,679
117	Total	<u>\$ (0)</u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OPERATIONAL AND MAINTENANCE EXPENSES BY FERC
TEST YEAR ENDING SEPTEMBER 30, 2023

SSU Division 012			
Line No.	FERC Account	Historic Base Period	
118	8210	\$	182
119	8700		-
120	8740		8,662
121	8800		-
122	9010		3,569,648
123	9030		25,279,056
124	9100		34
125	9160		18
126	9120		-
127	9200		3,010,381
128	9210		11,225,309
129	9220		(53,561,639)
130	9230		1,093,524
131	9240		75,136
132	9250		468
133	9260		7,934,470
134	9302		-
135	9310		1,309,433
136	9320		55,317
137	Total	\$	0

**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
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TEST YEAR ENDING SEPTEMBER 30, 2023**

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ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
PENSION BENCHMARK CALCULATION
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Number of Participants	Estimated Liability	Percent of Contribution Applicable to Group	Actual Year Contribution	Allocation Factor to Tennessee	Amount Allocable to Tennessee	Composite Labor Capitalization Rate	Pension Contribution Assigned to Capital/Reduction to O&M Costs
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	All Other (not allocable to Tennessee)	3,686	\$ 350,194,000	77.9%	\$ 6,232,222	0.00%	\$ -		\$ -
2	Co 010 - Shared Services	463	50,919,000	11.3%	906,179	3.87%	35,097		-
3	Co 010 - CSO	259	16,391,000	3.6%	291,702	4.76%	13,886		-
4	Active Tennessee Jurisdiction Employees	67	9,224,000	2.1%	164,155	100.00%	164,155	61.13%	(100,347)
5	Inactive Tennessee Jurisdiction Employees	178	13,344,000	3.0%	237,476	100.00%	237,476		-
6	Active Division General Office Employees	15	3,019,000	0.7%	53,728	41.69%	22,399	51.73%	(11,586)
7	Inactive Division General Office Employees (pre-merger) ⁽¹⁾	47	4,168,000	0.9%	74,176	26.55%	19,694		-
8	Inactive Division General Office Employees (post-merger)	9	2,268,000	0.5%	40,362	41.69%	16,827		-
9									
10	Total Amount of Contribution Allocable to Tennessee	4,724	\$ 449,527,000	100.00%	\$ 8,000,000		\$ 509,534		\$ (111,933)
11									
12	Note:								
13	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.								

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
TAXES OTHER THAN INCOME TAXES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books Other Taxes Expense ⁽¹⁾	WP_5-1	\$ 8,780,340
2			
3			
4			
5			
6			
7	Inclusion of Barnsley Storage Other taxes	WP_3-1	<u>56,068</u>
8			
9	Adjusted Taxes Other Than Income Taxes	Sum (Ln 1 + Ln 7)	<u><u>\$ 8,836,408</u></u>
10			
11	Note:		
12	1. Twelve months ended September 30, 2023 - Account 408.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
TAXES OTHER THAN INCOME TAXES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Fiscal Year 2023
1	Division 093													
2	FICA	\$ 16,733	\$ 41,182	\$ 13,537	\$ 17,228	\$ 16,780	\$ 10,762	\$ 15,858	\$ 12,024	\$ 31,213	\$ 11,339	\$ 11,060	\$ 13,553	\$ 211,268
3	FUTA	34	53	1	1,574	(17)	(85)	11	14	20	6	14	21	1,645
4	SUTA	385	27	4	528	389	(87)	(261)	87	8	1	5	10	1,095
5	Payroll Tax Projects	-	-	-	-	-	-	245	-	-	-	-	65	311
6	Ad Valorem	407,180	407,180	407,180	413,016	418,795	418,795	418,795	418,795	438,452	438,452	438,452	438,452	5,063,542
7	30105 Corp/State Franchise Tax	113,333	113,333	113,333	113,333	113,333	113,333	113,333	113,333	113,333	113,333	113,333	113,333	1,359,996
8	30107 City Franchise	167	167	167	167	167	167	167	167	167	167	167	167	2,000
9	30109 State Gross Receipts	41,549	67,933	106,871	117,589	100,299	69,536	39,338	27,972	26,430	65,879	65,549	69,744	798,691
10	30104 State Supv & Inspection	54,293	54,293	54,293	54,293	54,293	54,293	78,815	78,815	78,815	78,815	78,815	78,815	798,648
11	30108 Dot Transmission User Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Division 91 Allocations	13,877	(20,892)	24,131	17,182	11,824	19,402	11,985	17,093	8,779	20,524	22,873	10,516	157,293
13	Division 12 Allocations	10,640	14,791	7,959	15,264	12,123	13,400	11,859	13,880	11,209	13,997	15,333	10,747	151,202
14	Division 02 Allocations	15,029	42,163	10,855	21,912	15,855	19,260	16,088	20,487	16,036	21,417	20,119	15,428	234,649
15	Div 093 Total	\$ 673,220	\$ 720,229	\$ 738,331	\$ 772,086	\$ 743,841	\$ 718,775	\$ 706,233	\$ 702,667	\$ 724,460	\$ 763,930	\$ 765,719	\$ 750,850	\$ 8,780,340
16														
17	Division 091													
18	FICA	\$ 32,800	\$ (50,246)	\$ 57,841	\$ 39,142	\$ 27,947	\$ 46,647	\$ 28,849	\$ 40,860	\$ 20,994	\$ 49,182	\$ 54,808	\$ 25,153	\$ 373,976
19	FUTA	35	61	(2)	1,522	(32)	(76)	10	14	18	5	13	22	1,591
20	SUTA	412	31	2	510	356	(73)	(256)	85	7	1	4	10	1,091
21	Payroll Tax Projects	-	-	-	-	-	-	105	-	-	-	-	-	105
22	Ad Valorem	40	40	40	40	40	40	40	40	40	40	40	40	480
23	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Div 091 Total	\$ 33,287	\$ (50,114)	\$ 57,881	\$ 41,214	\$ 28,311	\$ 46,538	\$ 28,748	\$ 40,999	\$ 21,059	\$ 49,229	\$ 54,865	\$ 25,224	\$ 377,243
25														
26	Division 002													
27	FICA	\$ 331,792	\$ 507,673	\$ 225,390	\$ 435,369	\$ 344,620	\$ 435,376	\$ 356,840	\$ 467,395	\$ 353,813	\$ 464,061	\$ 524,151	\$ 338,771	\$ 4,785,251
28	FUTA	823	999	475	30,492	935	723	(222)	843	420	463	447	291	36,689
29	SUTA	1,986	2,057	1,020	41,111	5,017	2,400	(333)	854	817	740	731	381	56,779
30	Payroll Tax Projects	-	-	-	-	-	-	230	1,088	183	99	34	95	1,730
31	Ad Valorem	53,400	53,400	53,400	58,800	58,800	58,800	58,800	58,800	58,800	58,800	58,800	58,800	689,400
32	30103 Excise Taxes	46	-	-	-	-	-	68	-	-	28,828	-	-	28,941
33	Div 002 Total	\$ 388,047	\$ 564,129	\$ 280,285	\$ 565,772	\$ 409,372	\$ 497,299	\$ 415,383	\$ 528,979	\$ 414,033	\$ 552,991	\$ 584,162	\$ 398,338	\$ 5,598,791
34														
35	Division 012													
36	FICA	\$ 181,800	\$ 268,950	\$ 126,271	\$ 237,479	\$ 207,204	\$ 235,845	\$ 205,221	\$ 246,499	\$ 190,626	\$ 249,218	\$ 277,308	\$ 181,207	\$ 2,607,628
37	FUTA	447	521	234	16,605	520	319	(111)	443	227	248	234	156	19,843
38	SUTA	1,077	1,072	502	22,392	2,751	1,147	(163)	449	439	396	383	204	30,650
39	Ad Valorem	40,200	40,200	40,200	44,200	44,200	44,200	44,200	44,200	44,200	44,200	44,200	44,200	518,400
40	30105 Corp/State Franchise Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Div 012 Total	\$ 223,524	\$ 310,744	\$ 167,207	\$ 320,677	\$ 254,675	\$ 281,510	\$ 249,147	\$ 291,591	\$ 235,492	\$ 294,063	\$ 322,125	\$ 225,767	\$ 3,176,521

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
DEPRECIATION AND AMORTIZATION EXPENSES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Amount
	(a)	(b)	(c)
1	Base period per books Depreciation Expense ⁽¹⁾		\$ 17,265,026
2			
3	Adjustment to Reflect Year End Plant Levels	Ln 5 - Ln 1	3,397,208
4			
5	Total Proforma Depreciation Expense	WP_ 6-2	<u>\$ 20,662,233</u>
6			
7	Adjustment to reflect Proposed Depreciation Rates	Ln 9 - Ln 5	-
8			
9	Total Proforma Depreciation Expense	WP_ 6-1	<u>\$ 20,662,233</u>
10			
11	Amortization of Deferred Pension Regulated Asset ⁽²⁾	WP_ 7-3	-
12			
13	Intercompany Leased Property Depreciation	WP_ 3-1	266,844
14			
15	Adjustment for Depreciation Expense on Capitalized Incentive Compensation	WP_ 7-8	<u>(249,262)</u>
16			
17	Total Depreciation and Amortization Expense, As Adjusted	Sum (Ln 9 : Ln 15)	<u><u>\$ 20,679,816</u></u>
18			
19	Notes:		
20	1. Twelve months ended September 30, 2023.		
21	2. Amortization schedule to a Pension regulatory asset was fully amortized in May 2017.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
DEPRECIATION EXPENSE ADJUSTMENT
PROFORMA DEPRECIATION AT PROPOSED DEPRECIATION RATES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Amount	Allocation	Allocated
	(a)	(b)	(c)	(d)
1	Proforma Depreciation			
2	Tennessee Operations (Div 093)	\$ 19,391,267	100.00%	\$ 19,391,267
3	Mid-States General Office (Div 091)	29,273	41.69%	12,204
4	Shared Services - Customer Service (Div 012)	10,506,621	4.76%	500,159
5	Shared Services - General Office (Div 002)	19,586,526	3.87%	758,603
6				
7	Proforma Depreciation Expense Adjustment			<u>\$ 20,662,233</u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
DEPRECIATION EXPENSE ADJUSTMENT
PROFORMA DEPRECIATION AT CURRENT DEPRECIATION RATES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Amount	Allocation	Allocated
	(a)	(b)	(c)	(d)
1	Proforma Depreciation			
2	Tennessee Operations (Div 093)	\$ 19,391,267	100.00%	\$ 19,391,267
3	Mid-States General Office (Div 091)	29,273	41.69%	12,204
4	Shared Services - Customer Service (Div 012)	10,506,621	4.76%	500,159
5	Shared Services - General Office (Div 002)	19,586,526	3.87%	758,603
6				
7	Proforma Depreciation Expense			<u>\$ 20,662,233</u>

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
RATE BASE AND RETURN
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Test Year Ending Balance	Reference
	(a)	(b)	(c)
1	Original Cost of Plant ⁽²⁾	\$ 887,104,144	WP_7-10 & WP_7-2
2			
3	Accumulated Depreciation and Amortization	(251,009,240)	WP_7-2
4			
5	Construction Work in Progress per Books	12,304,033	WP_7-2
6			
7	Storage Gas Investment	9,940,251	WP_7-2
8			
9	Cash Working Capital	2,088,657	WP_7-5
10			
11	Material & Supplies	503,515	WP_7-2
12			
13	Regulatory Assets/Liabilities (EDITL & Deferral)	(11,095,365)	WP_7-9
14			
15	Accumulated Deferred Income Tax	(90,011,198)	WP_7-2
16			
17	Customer Advances for Construction	(20,280)	WP_7-2
18			
19	Customer Deposits	(1,872,103)	WP_7-2
20			
21	Accumulated Interest on Customer Deposits	(24,174)	WP_7-2
22			
23	Unadjusted Rate Base	<u>\$ 557,908,240</u>	Sum (Ln 1 : Ln 21)
24			
25	Capitalized Incentive Compensation & SERP Adjustments	(9,849,282)	WP_7-8
26			
27	Intercompany Leased Property	5,812,516	WP_7-2
28			

29	Cloud Projects ⁽³⁾	<u>181,304</u>	WP_7-2
30			
31	Total Rate Base	<u>\$ 554,052,778</u>	Sum (Ln 23 : Ln 29)
32			
33	Return at Overall Cost of Capital on Rate Base	<u>\$ 42,329,632</u>	Sch 9
34			
35	Notes:		
36	1. Twelve months ended September 30, 2023.		
37	2. Per Docket 18-00112 Settlement Agreement, Original cost of Plant calculation includes ending balance as of the end of the Test Year FY23 of the Total Deferral Regulatory Asset , FERC Account 186 and sub account 14218 , please see tab "WP_7-10" for more details.		
38	3. The Cloud Computing Projects Regulatory Asset represents amounts recorded to FERC accounts 174, 182.3 and 186 for information technology software as a service rather than a purchase. Please see tab, "WP_7-2" for a more detailed description.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
RATE BASE AND RETURN
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Test Year Ending Balance	Reference
	(a)	(b)	(c)
1	Original Cost of Plant ⁽²⁾	\$ 832,966,250	WP_7-10 & WP_7-2
2			
3	Accumulated Depreciation and Amortization	(245,738,946)	WP_7-2
4			
5	Construction Work in Progress per Books	18,974,243	WP_7-2
6			
7	Storage Gas Investment	9,940,251	WP_7-2
8			
9	Cash Working Capital	2,088,657	WP 7-5
10			
11	Material & Supplies	503,515	WP_7-2
12			
13	Regulatory Assets/Liabilities (EDITL & Deferral)	(14,132,510)	WP 7-9
14			
15	Accumulated Deferred Income Tax	(81,787,348)	WP_7-2
16			
17	Customer Advances for Construction	(20,280)	WP_7-2
18			
19	Customer Deposits	(1,872,103)	WP_7-2
20			
21	Accumulated Interest on Customer Deposits	(24,174)	WP_7-2
22			
23	Unadjusted Rate Base	<u>\$ 520,897,555</u>	Sum (Ln 1 : Ln 21)
24			
25	Capitalized Incentive Compensation & SERP Adjustments	(9,849,282)	WP_7-8
26			
27	Net Elimination of Intercompany Leased Property	5,894,770	WP_7-2

28			
29	Cloud projects	<u>112,875</u>	WP_7-2
30			
31	Total Rate Base	<u>\$ 517,055,917</u>	Sum (Ln 23 : Ln 29)
32			
33	Return at Overall Cost of Capital on Rate Base	<u>\$ 39,089,427</u>	Sch 9
34			
35	Notes:		
36	1. Thirteen months Average ended September 30, 2023.		
37	2. Per Docket 18-00112 Settlement Agreement, Original cost of Plant calculation includes 13 months average balance of the Total Deferral Regulatory Asset excluding Interest & RWIP Interest, FERC Account 186 and sub account 14218, please see tab "WP_7-10" for more details.		
38	3. The Cloud Computing Projects Regulatory Asset represents amounts recorded to FERC accounts 174 and 182.3 for information technology software as a service rather than a purchase. Please see tab, "WP_7-2" for a more detailed description.		

**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
BLANK SHEET
TEST YEAR ENDING SEPTEMBER 30, 2023**

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<u>Factors</u>	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN
FY22	100%	40.87%	4.74%	2.53%	3.90%	1.25%	4.78%	1.31%

69

Factors	Division 093	Division 091	Division 012	CKV	Division 002	Greenville	AEAM	ALGN
FY22	100%	40.87%	4.74%	2.53%	3.90%	1.25%	4.78%	1.31%

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ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
REALLOCATION OF RATE BASE ITEMS PROFORMA ALLOCATION FACTORS
TEST YEAR ENDING SEPTEMBER 30, 2023

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**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
PENSION REGULATED ASSET
TEST YEAR ENDING SEPTEMBER 30, 2023**

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ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
ACCUMULATED DEFERRED INCOME TAX
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Month	Total Div 002 Adjusted ADIT	Non-regulated NOL (2)	Adjusted Regulated Utility NOL (3)	Other ADIT	SSU Utility ADIT
	(a)	(b)	(c)	(d)	(e) = (b) - (c) - (d)	(f) = (b) - (c)
1	Sep-22	\$ 307,499,760	\$ (169,123,616)	\$ 591,010,476	\$ (114,387,100)	\$ 476,623,376
2	Oct-22	292,132,105	(169,123,616)	591,010,476	(129,754,755)	461,255,721
3	Nov-22	309,332,371	(169,123,616)	591,010,476	(112,554,489)	478,455,987
4	Dec-22	296,131,264	(170,724,539)	588,138,143	(121,282,340)	466,855,803
5	Jan-23	305,169,899	(170,724,539)	588,138,143	(112,243,706)	475,894,438
6	Feb-23	295,461,680	(170,724,539)	588,138,143	(121,951,924)	466,186,219
7	Mar-23	245,388,544	(171,702,832)	542,484,782	(125,393,406)	417,091,376
8	Apr-23	242,411,725	(171,702,832)	542,484,782	(128,370,226)	414,114,557
9	May-23	233,470,938	(171,702,832)	542,484,782	(137,311,012)	405,173,770
10	Jun-23	251,612,557	(173,144,810)	557,356,923	(132,599,556)	424,757,367
11	Jul-23	242,845,409	(173,144,810)	557,356,923	(141,366,704)	415,990,219
12	Aug-23	234,816,249	(173,144,810)	557,356,923	(149,395,864)	407,961,059
13	Sep-23	271,493,701	(172,382,004)	604,725,664	(160,849,960)	443,875,705

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15 Notes:

16 1. Summary of Shared Services, Divison 002 adjusted ADIT.

17 2. FD - NOL Credit Carryforward - Non Reg & Other.

18 3. Includes adjustment to remove the impact of Winter Storm Uri adjustments. Please see Relied file, "o. Plant Balances 2023 TN Case", Tab "Winter Storm URI Fed NOL SSU".

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
CASH WORKING CAPITAL LEAD/LAG ANALYSIS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Base Period
	(a)	(b)	(c)
1	Revenue Lag	CWC	37.50
2			
3	Expense Lag	WP_7-7	33.79
4			
5	Net Lag	Ln 1 - Ln 3	3.71
6			
7	Daily Cost of Service	WP_7-7	\$ 562,548.45
8			
9	Cash Working Capital	Ln 5 x Ln 7	\$ 2,088,657

**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
BLANK SHEET
TEST YEAR ENDING SEPTEMBER 30, 2023**

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ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
CASH WORKING CAPITAL LEAD/LAG ANALYSIS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Test Year	Expense Lag	CWC Requirement
	(a)	(b)	(c)	(d)	(e) = (c) x (d)
1	Gas Supply Expense				
2	Purchased Gas	Sch 3	\$ 106,941,322	39.33	\$ 4,206,002,178
3					
4	Operation and Maintenance Expense				
5	O&M, Labor	WP_4-1	\$ 8,042,566	14.07	\$ 113,158,898
6	O&M, Non-Labor	Ln 7 - Ln 5	14,915,897	29.47	439,571,489
7	Total O&M Expense	Sch 4	\$ 22,958,463		\$ 552,730,387
8					
9					
10	Taxes Other Than Income				
11	Ad Valorem	WP_5-1 & Sch 5	\$ 5,119,609	241.50	\$ 1,236,385,610
12	State Gross Receipts Tax	WP_5-1	798,691	(151.50)	(121,001,650)
13	Payroll Taxes	WP_5-1	214,319	14.79	3,170,381
14	Franchise Tax	WP_5-1	1,361,996	37.50	51,074,852
15	TRA Inspection Fee	WP_5-1	798,648	272.50	217,631,580
16	DOT	WP_5-1	\$ -	59.00	\$ -
17					
18	Allocated Taxes-Shared Services				
19	Ad Valorem	0%	\$ -	241.50	\$ -
20	Payroll Taxes	100%	\$ 385,852	14.79	\$ 5,707,828
21					
22	Allocated Taxes-Business Unit				
23	Ad Valorem	0%	\$ 244	241.50	\$ 58,932
24	Payroll Taxes	100%	157,049	14.79	2,323,198
25	Total Taxes Other Than Income		\$ 8,836,408		\$ 1,395,350,730

Line No.	Description	Reference	Test Year	Expense Lag	CWC Requirement
	(a)	(b)	(c)	(d)	(e) = (c) x (d)
26					
27	Federal Income Tax	WP_10-1	\$ 5,868,894		
28	Current Taxes		-	37.50	-
29	Deferred Taxes	WP_7-2	5,868,894	-	-
30					
31	State Excise Tax	WP_10-1	1,942,847		
32	Current Taxes		-	37.50	-
33	Deferred Taxes	WP_7-2	1,942,847	-	-
34					
35	Depreciation	Sch 6	17,282,608	-	-
36					
37	Interest on Customer Deposits	WP_1-1	156,321	182.50	28,528,517
38					
39	Interest Expense - LTD	Sch 7 & Sch 9	8,199,981	91.25	748,248,276
40					
41	Interest Expense - STD	Sch 7 & Sch 9	277,026	24.05	6,662,116
42					
43	Return on Equity	Sch 7 & WP_1-2	\$ 32,866,316		\$ -
44					
45					
46	TOTAL		\$ 205,330,186	33.79	\$ 6,937,522,204
47					
48	Daily Cost of Service		\$ 562,548		\$ 19,006,910

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
AMORTIZATION SCHEDULE OF CAPITALIZED INCENTIVE COMPENSATION & SERP ADJUSTMENTS
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Rate Base	Depreciation Expense
	(a)	(b)	(c)
1	<i>This section intentionally left blank.</i>		
2			
3			
4			
5			
6			
7			
8			
9			
10			
11	<u>Historic Base Period</u>		
12	Docket No. 16-00013, 2016 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 5-31-16	\$ 1,013,079	\$ 29,796
13	Docket No. 17-00012, 2017 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 9-30-17	1,104,325	29,847
14	Docket No. 18-00067, 2018 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 9-30-18	871,673	22,939
15	Docket No. 19-00076, 2019 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 9-30-19	952,363	24,420
16	Docket No. 21-00019, 2020 TN ARM Amortization Schedule of Capitalized Incentive Compensation Adjustment, TYE 9-30-20	1,143,563	28,589
17	Docket No. 22-00010, 2021 TN ARM Amortization Schedule of Capitalized Incentive Compensation & SERP Adjustments, TYE 9-30-21	1,775,751	43,311
18	Docket No. 23-00008, 2022 TN ARM Amortization Schedule of Capitalized Incentive Compensation & SERP Adjustments, TYE 9-30-22	1,435,833	33,391
19	Docket No. 24-xxxxx, 2023 TN ARM Amortization Schedule of Capitalized Incentive Compensation & SERP Adjustments, TYE 9-30-23	1,552,695	36,969
20	Total	<u>\$ 9,849,282</u>	<u>\$ 249,262</u>
21			
22			
23	Note:		
24	1. Historic Base Period Amounts for the period of 12 months ended Septmeber 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
DEFERRED REGULATORY LIABILITY AMORTIZATION

Date of Next Rate Implementation:	6/1/2024	Final Reg Liability	29,337,265	Unprotected Amortization Period:	3
Final Amortization Month:	9/30/2057	Unprotected Balance:	18,853,052	Final Amortization Protected Period POST COR updated:	39
		Protected Balance:	10,484,213	Max. Monthly Protected Amortization POST COR update	\$ 21,268

Date	Liability			Amortization					GL Balance Div 093			
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated	Total Amortization	Cumulative Balance Amortization	Accts 242-27909, 253-27909	Reg liab vs GL diff	Total Reg Liab.	
Beginning	\$ (9,888,366)	\$ (17,784,704)	\$ (27,673,070)									
Amortized Through 5/31/21	-	-	-									
10/31/2018	(9,858,239)	(17,732,471)	(27,590,710)	\$ (30,127)	\$ (52,233)		\$ (82,360)	\$ (82,360)			\$ (27,673,070)	
11/30/2018	(9,828,112)	(17,680,237)	(27,508,349)	(30,127)	(52,233)		(82,360)	(164,721)			(27,673,070)	
12/31/2018	(9,797,985)	(17,628,004)	(27,425,989)	(30,127)	(52,233)		(82,360)	(247,081)			(27,673,070)	
1/31/2019	(9,767,858)	(17,575,771)	(27,343,629)	(30,127)	(52,233)		(82,360)	(329,441)			(27,673,070)	
2/28/2019	(9,737,731)	(17,523,537)	(27,261,268)	(30,127)	(52,233)		(82,360)	(411,802)			(27,673,070)	
3/31/2019	(9,707,604)	(17,471,304)	(27,178,908)	(30,127)	(52,233)		(82,360)	(494,162)			(27,673,070)	
4/30/2019	(9,677,477)	(17,419,071)	(27,096,548)	(30,127)	(52,233)		(82,360)	(576,522)			(27,673,070)	
5/31/2019	(9,647,350)	(17,366,837)	(27,014,187)	(30,127)	(52,233)		(82,360)	(658,883)			(27,673,070)	
Adj. with 6/1/2019 Implementation	(482,915)	(868,545)	(1,351,460)								(1,351,460)	
6/30/2019	(10,100,138)	(18,179,127)	(28,279,265)	(30,127)	(56,256)		(86,383)	(745,265)			(29,024,530)	
7/31/2019	(10,070,011)	(18,122,871)	(28,192,882)	(30,127)	(56,256)		(86,383)	(831,648)			(29,024,530)	
8/31/2019	(10,039,884)	(18,066,616)	(28,106,500)	(30,127)	(56,256)		(86,383)	(918,030)			(29,024,530)	
9/30/2019	(10,009,757)	(18,010,360)	(28,020,117)	(30,127)	(56,256)		(86,383)	(1,004,413)	(28,331,420)	311,302	(29,024,530)	
10/31/2019	(9,979,630)	(17,954,105)	(27,933,735)	(30,127)	(56,256)		(86,383)	(1,090,795)	(28,249,059)	315,325	(29,024,530)	
11/30/2019	(9,949,503)	(17,897,849)	(27,847,352)	(30,127)	(56,256)		(86,383)	(1,177,178)	(28,166,699)	319,347	(29,024,530)	
12/31/2019	(9,919,376)	(17,841,594)	(27,760,970)	(30,127)	(56,256)		(86,383)	(1,263,560)	(28,072,272)	311,302	(29,024,530)	
1/31/2020	(9,889,249)	(17,785,338)	(27,674,587)	(30,127)	(56,256)		(86,383)	(1,349,943)	(27,985,890)	311,302	(29,024,530)	
2/29/2020	(9,859,122)	(17,729,083)	(27,588,205)	(30,127)	(56,256)		(86,383)	(1,436,325)	(27,899,507)	311,302	(29,024,530)	
3/31/2020	(9,828,995)	(17,672,827)	(27,501,822)	(30,127)	(56,256)		(86,383)	(1,522,708)	(27,813,125)	311,303	(29,024,530)	
4/30/2020	(9,798,868)	(17,616,572)	(27,415,440)	(30,127)	(56,256)		(86,383)	(1,609,090)	(27,726,742)	311,303	(29,024,530)	
5/31/2020	(9,768,741)	(17,560,316)	(27,329,057)	(30,127)	(56,256)		(86,383)	(1,695,473)	(27,640,360)	311,303	(29,024,530)	
6/30/2020	(9,738,614)	(17,504,060)	(27,242,674)	(30,127)	(56,256)		(86,383)	(1,781,856)	(27,553,977)	311,302	(29,024,530)	
7/31/2020	(9,708,487)	(17,447,805)	(27,156,292)	(30,127)	(56,256)		(86,383)	(1,868,238)	(27,467,594)	311,302	(29,024,530)	
8/31/2020	(9,678,360)	(17,391,549)	(27,069,909)	(30,127)	(56,256)		(86,383)	(1,954,621)	(27,381,212)	311,302	(29,024,530)	
9/30/2020	(9,648,233)	(17,335,294)	(26,983,527)	(30,127)	(56,256)		(86,383)	(2,041,003)	(27,294,830)	311,303	(29,024,530)	
10/31/2020	(9,618,106)	(17,279,038)	(26,897,144)	(30,127)	(56,256)		(86,383)	(2,127,386)	(27,208,447)	311,303	(29,024,530)	
11/30/2020	(9,587,979)	(17,222,783)	(26,810,762)	(30,127)	(56,256)		(86,383)	(2,213,768)	(27,122,065)	311,303	(29,024,530)	
12/31/2020	(9,557,852)	(17,166,527)	(26,724,379)	(30,127)	(56,256)		(86,383)	(2,300,151)	(27,035,681)	311,302	(29,024,530)	
1/31/2021	(9,527,725)	(17,110,272)	(26,637,997)	(30,127)	(56,256)		(86,383)	(2,386,533)	(26,949,298)	311,302	(29,024,530)	
2/28/2021	(9,497,598)	(17,054,016)	(26,551,614)	(30,127)	(56,256)		(86,383)	(2,472,916)	(26,862,916)	311,302	(29,024,530)	
Adj. with 3/1/2021 Implementation	(112,932)	(199,803)	(312,735)								(312,735)	
3/31/2021	(9,580,403)	(16,774,546)	(26,354,949)	(30,127)		(479,273)	(509,400)	(2,982,316)	(26,353,518)	(1,432)	(29,337,265)	
4/30/2021	(9,550,276)	(16,295,274)	(25,845,550)	(30,127)		(479,273)	(509,400)	(3,491,715)	(25,844,118)	(1,432)	(29,337,265)	
5/31/2021	(9,520,149)	(15,816,001)	(25,336,150)	(30,127)		(479,273)	(509,400)	(4,001,115)	(25,334,718)	(1,432)	(29,337,265)	
6/30/2021	(9,490,022)	(15,336,728)	(24,826,750)	(30,127)		(479,273)	(509,400)	(4,510,515)	(24,825,317)	(1,433)	(29,337,265)	
7/31/2021	(9,459,895)	(14,857,455)	(24,317,350)	(30,127)		(479,273)	(509,400)	(5,019,915)	(24,315,918)	(1,433)	(29,337,265)	
8/31/2021	(9,429,768)	(14,378,183)	(23,807,951)	(30,127)		(479,273)	(509,400)	(5,529,314)	(23,806,518)	(1,433)	(29,337,265)	
9/30/2021	(9,399,641)	(13,898,910)	(23,298,551)	(30,127)		(479,273)	(509,400)	(6,038,714)	(23,297,122)	(1,429)	(29,337,265)	
10/31/2021	(9,369,514)	(13,419,637)	(22,789,151)	(30,127)		(479,273)	(509,400)	(6,548,114)	(22,787,722)	(1,429)	(29,337,265)	
11/30/2021	(9,339,387)	(12,940,364)	(22,279,751)	(30,127)		(479,273)	(509,400)	(7,057,514)	(22,278,322)	(1,429)	(29,337,265)	
12/31/2021	(9,309,260)	(12,461,092)	(21,770,352)	(30,127)		(479,273)	(509,400)	(7,566,913)	(21,768,922)	(1,429)	(29,337,265)	
1/31/2022	(9,279,133)	(11,981,819)	(21,260,952)	(30,127)		(479,273)	(509,400)	(8,076,313)	(21,259,523)	(1,429)	(29,337,265)	
2/28/2022	(9,249,006)	(11,502,546)	(20,751,552)	(30,127)		(479,273)	(509,400)	(8,585,713)	(20,750,123)	(1,429)	(29,337,265)	
3/31/2022	(9,218,879)	(11,023,273)	(20,242,152)	(30,127)		(479,273)	(509,400)	(9,095,113)	(20,240,724)	(1,429)	(29,337,265)	
4/30/2022	(9,188,752)	(10,544,001)	(19,732,753)	(30,127)		(479,273)	(509,400)	(9,604,512)	(19,731,324)	(1,429)	(29,337,265)	
5/31/2022	(9,158,625)	(10,064,728)	(19,223,353)	(30,127)		(479,273)	(509,400)	(10,113,912)	(19,221,924)	(1,429)	(29,337,265)	
6/30/2022	(9,128,498)	(9,585,455)	(18,713,953)	(30,127)		(479,273)	(509,400)	(10,623,312)	(18,712,523)	(1,430)	(29,337,265)	
7/31/2022	(9,098,371)	(9,106,182)	(18,204,553)	(30,127)		(479,273)	(509,400)	(11,132,712)	(18,203,123)	(1,430)	(29,337,265)	
8/31/2022	(9,068,244)	(8,626,910)	(17,695,154)	(30,127)		(479,273)	(509,400)	(11,642,111)	(17,693,724)	(1,430)	(29,337,265)	
9/30/2022	(9,038,117)	(8,147,637)	(17,185,754)	(30,127)		(479,273)	(509,400)	(12,151,511)	(17,184,326)	(1,428)	(29,337,265)	
10/31/2022	(9,007,990)	(7,668,364)	(16,676,354)	(30,127)		(479,273)	(509,400)	(12,660,911)	(16,674,926)	(1,428)	(29,337,265)	
11/30/2022	(8,977,863)	(7,189,091)	(16,166,954)	(30,127)		(479,273)	(509,400)	(13,170,311)	(16,165,526)	(1,428)	(29,337,265)	
12/31/2022	(8,947,736)	(6,709,819)	(15,657,555)	(30,127)		(479,273)	(509,400)	(13,679,710)	(15,656,125)	(1,430)	(29,337,265)	
1/31/2023	(8,917,609)	(6,230,546)	(15,148,155)	(30,127)		(479,273)	(509,400)	(14,189,110)	(15,146,725)	(1,430)	(29,337,265)	
2/28/2023	(8,887,482)	(5,751,273)	(14,638,755)	(30,127)		(479,273)	(509,400)	(14,698,510)	(14,637,326)	(1,430)	(29,337,265)	

Date	Liability			Amortization				Cumulative Balance		GL Balance Div 093		
	Protected	Unprotected	Total Reg Liability	Protected	Unprotected	Accelerated	Total Amortization	Amortization		Accts 242-27909,	Reg liab vs GL	Total Reg Liab.
	Balance	Balance	Balance			Unprotected				253-27909	diff	
3/31/2023	(8,857,355)	(5,272,000)	(14,129,355)	(30,127)		(479,273)		(509,400)	(15,207,910)	(14,127,927)	(1,429)	(29,337,265)
4/30/2023	(8,827,228)	(4,792,728)	(13,619,956)	(30,127)		(479,273)		(509,400)	(15,717,309)	(13,618,527)	(1,429)	(29,337,265)
5/31/2023	(8,797,101)	(4,313,455)	(13,110,556)	(30,127)		(479,273)		(509,400)	(16,226,709)	(13,109,127)	(1,429)	(29,337,265)
6/30/2023	(8,772,933)	(3,834,182)	(12,607,115)	(24,168)		(479,273)		(503,441)	(16,730,150)	(12,605,686)	(1,429)	(29,337,265)
7/31/2023	(8,748,765)	(3,354,909)	(12,103,675)	(24,168)		(479,273)		(503,441)	(17,233,590)	(12,102,245)	(1,429)	(29,337,265)
8/31/2023	(8,724,597)	(2,875,637)	(11,600,234)	(24,168)		(479,273)		(503,441)	(17,737,031)	(11,598,805)	(1,429)	(29,337,265)
9/30/2023	(8,700,430)	(2,396,364)	(11,096,793)	(24,168)		(479,273)		(503,441)	(18,240,472)	(11,095,365)	(1,429)	(29,337,265)
10/31/2023	(8,676,262)	(1,917,091)	(10,593,353)	(24,168)		(479,273)		(503,441)	(18,743,912)			(29,337,265)
11/30/2023	(8,652,094)	(1,437,818)	(10,089,912)	(24,168)		(479,273)		(503,441)	(19,247,353)			(29,337,265)
12/31/2023	(8,627,926)	(958,546)	(9,586,472)	(24,168)		(479,273)		(503,441)	(19,750,793)			(29,337,265)
1/31/2024	(8,603,758)	(479,273)	(9,083,031)	(24,168)		(479,273)		(503,441)	(20,254,234)			(29,337,265)
2/29/2024	(8,579,590)	0	(8,579,590)	(24,168)		(479,273)		(503,441)	(20,757,675)			(29,337,265)
3/31/2024	(8,555,422)	0	(8,555,422)	(24,168)				(24,168)	(20,781,843)			(29,337,265)
4/30/2024	(8,531,255)	0	(8,531,255)	(24,168)				(24,168)	(20,806,010)			(29,337,265)
5/31/2024	(8,507,087)	0	(8,507,087)	(24,168)				(24,168)	(20,830,178)			(29,337,265)
6/30/2024	(8,485,819)	0	(8,485,819)	(21,268)				(21,268)	(20,851,446)			(29,337,265)
7/31/2024	(8,464,551)	0	(8,464,551)	(21,268)				(21,268)	(20,872,714)			(29,337,265)
8/31/2024	(8,443,284)	0	(8,443,284)	(21,268)				(21,268)	(20,893,981)			(29,337,265)
9/30/2024	(8,422,016)	0	(8,422,016)	(21,268)				(21,268)	(20,915,249)			(29,337,265)
10/31/2024	(8,400,748)	0	(8,400,748)	(21,268)				(21,268)	(20,936,517)			(29,337,265)
11/30/2024	(8,379,480)	0	(8,379,480)	(21,268)				(21,268)	(20,957,785)			(29,337,265)
12/31/2024	(8,358,213)	0	(8,358,213)	(21,268)				(21,268)	(20,979,052)			(29,337,265)
1/31/2025	(8,336,945)	0	(8,336,945)	(21,268)				(21,268)	(21,000,320)			(29,337,265)
2/28/2025	(8,315,677)	0	(8,315,677)	(21,268)				(21,268)	(21,021,588)			(29,337,265)
3/31/2025	(8,294,410)	0	(8,294,410)	(21,268)				(21,268)	(21,042,855)			(29,337,265)
4/30/2025	(8,273,142)	0	(8,273,142)	(21,268)				(21,268)	(21,064,123)			(29,337,265)
5/31/2025	(8,251,874)	0	(8,251,874)	(21,268)				(21,268)	(21,085,391)			(29,337,265)
6/30/2025	(8,230,606)	0	(8,230,606)	(21,268)				(21,268)	(21,106,659)			(29,337,265)
7/31/2025	(8,209,339)	0	(8,209,339)	(21,268)				(21,268)	(21,127,926)			(29,337,265)
8/31/2025	(8,188,071)	0	(8,188,071)	(21,268)				(21,268)	(21,149,194)			(29,337,265)
9/30/2025	(8,166,803)	0	(8,166,803)	(21,268)				(21,268)	(21,170,462)			(29,337,265)
10/31/2025	(8,145,536)	0	(8,145,536)	(21,268)				(21,268)	(21,191,729)			(29,337,265)
11/30/2025	(8,124,268)	0	(8,124,268)	(21,268)				(21,268)	(21,212,997)			(29,337,265)
12/31/2025	(8,103,000)	0	(8,103,000)	(21,268)				(21,268)	(21,234,265)			(29,337,265)
1/31/2026	(8,081,732)	0	(8,081,732)	(21,268)				(21,268)	(21,255,533)			(29,337,265)
2/28/2026	(8,060,465)	0	(8,060,465)	(21,268)				(21,268)	(21,276,800)			(29,337,265)
3/31/2026	(8,039,197)	0	(8,039,197)	(21,268)				(21,268)	(21,298,068)			(29,337,265)
4/30/2026	(8,017,929)	0	(8,017,929)	(21,268)				(21,268)	(21,319,336)			(29,337,265)
5/31/2026	(7,996,662)	0	(7,996,662)	(21,268)				(21,268)	(21,340,603)			(29,337,265)
6/30/2026	(7,975,394)	0	(7,975,394)	(21,268)				(21,268)	(21,361,871)			(29,337,265)
7/31/2026	(7,954,126)	0	(7,954,126)	(21,268)				(21,268)	(21,383,139)			(29,337,265)
8/31/2026	(7,932,858)	0	(7,932,858)	(21,268)				(21,268)	(21,404,407)			(29,337,265)
9/30/2026	(7,911,591)	0	(7,911,591)	(21,268)				(21,268)	(21,425,674)			(29,337,265)
10/31/2026	(7,890,323)	0	(7,890,323)	(21,268)				(21,268)	(21,446,942)			(29,337,265)
11/30/2026	(7,869,055)	0	(7,869,055)	(21,268)				(21,268)	(21,468,210)			(29,337,265)
12/31/2026	(7,847,787)	0	(7,847,787)	(21,268)				(21,268)	(21,489,478)			(29,337,265)
1/31/2027	(7,826,520)	0	(7,826,520)	(21,268)				(21,268)	(21,510,745)			(29,337,265)
2/28/2027	(7,805,252)	0	(7,805,252)	(21,268)				(21,268)	(21,532,013)			(29,337,265)
3/31/2027	(7,783,984)	0	(7,783,984)	(21,268)				(21,268)	(21,553,281)			(29,337,265)
4/30/2027	(7,762,717)	0	(7,762,717)	(21,268)				(21,268)	(21,574,548)			(29,337,265)
5/31/2027	(7,741,449)	0	(7,741,449)	(21,268)				(21,268)	(21,595,816)			(29,337,265)
6/30/2027	(7,720,181)	0	(7,720,181)	(21,268)				(21,268)	(21,617,084)			(29,337,265)
7/31/2027	(7,698,913)	0	(7,698,913)	(21,268)				(21,268)	(21,638,352)			(29,337,265)
8/31/2027	(7,677,646)	0	(7,677,646)	(21,268)				(21,268)	(21,659,619)			(29,337,265)
9/30/2027	(7,656,378)	0	(7,656,378)	(21,268)				(21,268)	(21,680,887)			(29,337,265)
10/31/2027	(7,635,110)	0	(7,635,110)	(21,268)				(21,268)	(21,702,155)			(29,337,265)
11/30/2027	(7,613,843)	0	(7,613,843)	(21,268)				(21,268)	(21,723,422)			(29,337,265)
12/31/2027	(7,592,575)	0	(7,592,575)	(21,268)				(21,268)	(21,744,690)			(29,337,265)
1/31/2028	(7,571,307)	0	(7,571,307)	(21,268)				(21,268)	(21,765,958)			(29,337,265)
2/29/2028	(7,550,039)	0	(7,550,039)	(21,268)				(21,268)	(21,787,226)			(29,337,265)
3/31/2028	(7,528,772)	0	(7,528,772)	(21,268)				(21,268)	(21,808,493)			(29,337,265)
4/30/2028	(7,507,504)	0	(7,507,504)	(21,268)				(21,268)	(21,829,761)			(29,337,265)
5/31/2028	(7,486,236)	0	(7,486,236)	(21,268)				(21,268)	(21,851,029)			(29,337,265)
6/30/2028	(7,464,969)	0	(7,464,969)	(21,268)				(21,268)	(21,872,296)			(29,337,265)
7/31/2028	(7,443,701)	0	(7,443,701)	(21,268)				(21,268)	(21,893,564)			(29,337,265)
8/31/2028	(7,422,433)	0	(7,422,433)	(21,268)				(21,268)	(21,914,832)			(29,337,265)
9/30/2028	(7,401,165)	0	(7,401,165)	(21,268)				(21,268)	(21,936,100)			(29,337,265)
10/31/2028	(7,379,898)	0	(7,379,898)	(21,268)				(21,268)	(21,957,367)			(29,337,265)
11/30/2028	(7,358,630)	0	(7,358,630)	(21,268)				(21,268)	(21,978,635)			(29,337,265)

Date	Liability			Amortization				Cumulative Balance		GL Balance Div 093		Total Reg Liab.
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated Unprotected	Total Amortization	Amortization		Accts 242-27909, 253-27909	Reg liab vs GL diff	
12/31/2028	(7,337,362)	0	(7,337,362)	(21,268)				(21,268)	(21,999,903)			(29,337,265)
1/31/2029	(7,316,095)	0	(7,316,095)	(21,268)				(21,268)	(22,021,170)			(29,337,265)
2/28/2029	(7,294,827)	0	(7,294,827)	(21,268)				(21,268)	(22,042,438)			(29,337,265)
3/31/2029	(7,273,559)	0	(7,273,559)	(21,268)				(21,268)	(22,063,706)			(29,337,265)
4/30/2029	(7,252,291)	0	(7,252,291)	(21,268)				(21,268)	(22,084,974)			(29,337,265)
5/31/2029	(7,231,024)	0	(7,231,024)	(21,268)				(21,268)	(22,106,241)			(29,337,265)
6/30/2029	(7,209,756)	0	(7,209,756)	(21,268)				(21,268)	(22,127,509)			(29,337,265)
7/31/2029	(7,188,488)	0	(7,188,488)	(21,268)				(21,268)	(22,148,777)			(29,337,265)
8/31/2029	(7,167,221)	0	(7,167,221)	(21,268)				(21,268)	(22,170,044)			(29,337,265)
9/30/2029	(7,145,953)	0	(7,145,953)	(21,268)				(21,268)	(22,191,312)			(29,337,265)
10/31/2029	(7,124,685)	0	(7,124,685)	(21,268)				(21,268)	(22,212,580)			(29,337,265)
11/30/2029	(7,103,417)	0	(7,103,417)	(21,268)				(21,268)	(22,233,848)			(29,337,265)
12/31/2029	(7,082,150)	0	(7,082,150)	(21,268)				(21,268)	(22,255,115)			(29,337,265)
1/31/2030	(7,060,882)	0	(7,060,882)	(21,268)				(21,268)	(22,276,383)			(29,337,265)
2/28/2030	(7,039,614)	0	(7,039,614)	(21,268)				(21,268)	(22,297,651)			(29,337,265)
3/31/2030	(7,018,347)	0	(7,018,347)	(21,268)				(21,268)	(22,318,918)			(29,337,265)
4/30/2030	(6,997,079)	0	(6,997,079)	(21,268)				(21,268)	(22,340,186)			(29,337,265)
5/31/2030	(6,975,811)	0	(6,975,811)	(21,268)				(21,268)	(22,361,454)			(29,337,265)
6/30/2030	(6,954,543)	0	(6,954,543)	(21,268)				(21,268)	(22,382,722)			(29,337,265)
7/31/2030	(6,933,276)	0	(6,933,276)	(21,268)				(21,268)	(22,403,989)			(29,337,265)
8/31/2030	(6,912,008)	0	(6,912,008)	(21,268)				(21,268)	(22,425,257)			(29,337,265)
9/30/2030	(6,890,740)	0	(6,890,740)	(21,268)				(21,268)	(22,446,525)			(29,337,265)
10/31/2030	(6,869,473)	0	(6,869,473)	(21,268)				(21,268)	(22,467,792)			(29,337,265)
11/30/2030	(6,848,205)	0	(6,848,205)	(21,268)				(21,268)	(22,489,060)			(29,337,265)
12/31/2030	(6,826,937)	0	(6,826,937)	(21,268)				(21,268)	(22,510,328)			(29,337,265)
1/31/2031	(6,805,669)	0	(6,805,669)	(21,268)				(21,268)	(22,531,596)			(29,337,265)
2/28/2031	(6,784,402)	0	(6,784,402)	(21,268)				(21,268)	(22,552,863)			(29,337,265)
3/31/2031	(6,763,134)	0	(6,763,134)	(21,268)				(21,268)	(22,574,131)			(29,337,265)
4/30/2031	(6,741,866)	0	(6,741,866)	(21,268)				(21,268)	(22,595,399)			(29,337,265)
5/31/2031	(6,720,599)	0	(6,720,599)	(21,268)				(21,268)	(22,616,666)			(29,337,265)
6/30/2031	(6,699,331)	0	(6,699,331)	(21,268)				(21,268)	(22,637,934)			(29,337,265)
7/31/2031	(6,678,063)	0	(6,678,063)	(21,268)				(21,268)	(22,659,202)			(29,337,265)
8/31/2031	(6,656,795)	0	(6,656,795)	(21,268)				(21,268)	(22,680,470)			(29,337,265)
9/30/2031	(6,635,528)	0	(6,635,528)	(21,268)				(21,268)	(22,701,737)			(29,337,265)
10/31/2031	(6,614,260)	0	(6,614,260)	(21,268)				(21,268)	(22,723,005)			(29,337,265)
11/30/2031	(6,592,992)	0	(6,592,992)	(21,268)				(21,268)	(22,744,273)			(29,337,265)
12/31/2031	(6,571,724)	0	(6,571,724)	(21,268)				(21,268)	(22,765,541)			(29,337,265)
1/31/2032	(6,550,457)	0	(6,550,457)	(21,268)				(21,268)	(22,786,808)			(29,337,265)
2/29/2032	(6,529,189)	0	(6,529,189)	(21,268)				(21,268)	(22,808,076)			(29,337,265)
3/31/2032	(6,507,921)	0	(6,507,921)	(21,268)				(21,268)	(22,829,344)			(29,337,265)
4/30/2032	(6,486,654)	0	(6,486,654)	(21,268)				(21,268)	(22,850,611)			(29,337,265)
5/31/2032	(6,465,386)	0	(6,465,386)	(21,268)				(21,268)	(22,871,879)			(29,337,265)
6/30/2032	(6,444,118)	0	(6,444,118)	(21,268)				(21,268)	(22,893,147)			(29,337,265)
7/31/2032	(6,422,850)	0	(6,422,850)	(21,268)				(21,268)	(22,914,415)			(29,337,265)
8/31/2032	(6,401,583)	0	(6,401,583)	(21,268)				(21,268)	(22,935,682)			(29,337,265)
9/30/2032	(6,380,315)	0	(6,380,315)	(21,268)				(21,268)	(22,956,950)			(29,337,265)
10/31/2032	(6,359,047)	0	(6,359,047)	(21,268)				(21,268)	(22,978,218)			(29,337,265)
11/30/2032	(6,337,780)	0	(6,337,780)	(21,268)				(21,268)	(22,999,485)			(29,337,265)
12/31/2032	(6,316,512)	0	(6,316,512)	(21,268)				(21,268)	(23,020,753)			(29,337,265)
1/31/2033	(6,295,244)	0	(6,295,244)	(21,268)				(21,268)	(23,042,021)			(29,337,265)
2/28/2033	(6,273,976)	0	(6,273,976)	(21,268)				(21,268)	(23,063,289)			(29,337,265)
3/31/2033	(6,252,709)	0	(6,252,709)	(21,268)				(21,268)	(23,084,556)			(29,337,265)
4/30/2033	(6,231,441)	0	(6,231,441)	(21,268)				(21,268)	(23,105,824)			(29,337,265)
5/31/2033	(6,210,173)	0	(6,210,173)	(21,268)				(21,268)	(23,127,092)			(29,337,265)
6/30/2033	(6,188,906)	0	(6,188,906)	(21,268)				(21,268)	(23,148,359)			(29,337,265)
7/31/2033	(6,167,638)	0	(6,167,638)	(21,268)				(21,268)	(23,169,627)			(29,337,265)
8/31/2033	(6,146,370)	0	(6,146,370)	(21,268)				(21,268)	(23,190,895)			(29,337,265)
9/30/2033	(6,125,102)	0	(6,125,102)	(21,268)				(21,268)	(23,212,163)			(29,337,265)
10/31/2033	(6,103,835)	0	(6,103,835)	(21,268)				(21,268)	(23,233,430)			(29,337,265)
11/30/2033	(6,082,567)	0	(6,082,567)	(21,268)				(21,268)	(23,254,698)			(29,337,265)
12/31/2033	(6,061,299)	0	(6,061,299)	(21,268)				(21,268)	(23,275,966)			(29,337,265)
1/31/2034	(6,040,032)	0	(6,040,032)	(21,268)				(21,268)	(23,297,233)			(29,337,265)
2/28/2034	(6,018,764)	0	(6,018,764)	(21,268)				(21,268)	(23,318,501)			(29,337,265)
3/31/2034	(5,997,496)	0	(5,997,496)	(21,268)				(21,268)	(23,339,769)			(29,337,265)
4/30/2034	(5,976,228)	0	(5,976,228)	(21,268)				(21,268)	(23,361,037)			(29,337,265)
5/31/2034	(5,954,961)	0	(5,954,961)	(21,268)				(21,268)	(23,382,304)			(29,337,265)
6/30/2034	(5,933,693)	0	(5,933,693)	(21,268)				(21,268)	(23,403,572)			(29,337,265)
7/31/2034	(5,912,425)	0	(5,912,425)	(21,268)				(21,268)	(23,424,840)			(29,337,265)
8/31/2034	(5,891,158)	0	(5,891,158)	(21,268)				(21,268)	(23,446,107)			(29,337,265)

Date	Liability			Amortization				GL Balance Div 093		Total Reg Liab.	
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated Unprotected	Total Amortization	Cumulative Balance - Amortization	Accts 242-27909, 253-27909		Reg liab vs GL diff
9/30/2034	(5,869,890)	0	(5,869,890)	(21,268)			(21,268)	(23,467,375)			(29,337,265)
10/31/2034	(5,848,622)	0	(5,848,622)	(21,268)			(21,268)	(23,488,643)			(29,337,265)
11/30/2034	(5,827,354)	0	(5,827,354)	(21,268)			(21,268)	(23,509,911)			(29,337,265)
12/31/2034	(5,806,087)	0	(5,806,087)	(21,268)			(21,268)	(23,531,178)			(29,337,265)
1/31/2035	(5,784,819)	0	(5,784,819)	(21,268)			(21,268)	(23,552,446)			(29,337,265)
2/28/2035	(5,763,551)	0	(5,763,551)	(21,268)			(21,268)	(23,573,714)			(29,337,265)
3/31/2035	(5,742,284)	0	(5,742,284)	(21,268)			(21,268)	(23,594,981)			(29,337,265)
4/30/2035	(5,721,016)	0	(5,721,016)	(21,268)			(21,268)	(23,616,249)			(29,337,265)
5/31/2035	(5,699,748)	0	(5,699,748)	(21,268)			(21,268)	(23,637,517)			(29,337,265)
6/30/2035	(5,678,480)	0	(5,678,480)	(21,268)			(21,268)	(23,658,785)			(29,337,265)
7/31/2035	(5,657,213)	0	(5,657,213)	(21,268)			(21,268)	(23,680,052)			(29,337,265)
8/31/2035	(5,635,945)	0	(5,635,945)	(21,268)			(21,268)	(23,701,320)			(29,337,265)
9/30/2035	(5,614,677)	0	(5,614,677)	(21,268)			(21,268)	(23,722,588)			(29,337,265)
10/31/2035	(5,593,410)	0	(5,593,410)	(21,268)			(21,268)	(23,743,855)			(29,337,265)
11/30/2035	(5,572,142)	0	(5,572,142)	(21,268)			(21,268)	(23,765,123)			(29,337,265)
12/31/2035	(5,550,874)	0	(5,550,874)	(21,268)			(21,268)	(23,786,391)			(29,337,265)
1/31/2036	(5,529,606)	0	(5,529,606)	(21,268)			(21,268)	(23,807,659)			(29,337,265)
2/29/2036	(5,508,339)	0	(5,508,339)	(21,268)			(21,268)	(23,828,926)			(29,337,265)
3/31/2036	(5,487,071)	0	(5,487,071)	(21,268)			(21,268)	(23,850,194)			(29,337,265)
4/30/2036	(5,465,803)	0	(5,465,803)	(21,268)			(21,268)	(23,871,462)			(29,337,265)
5/31/2036	(5,444,536)	0	(5,444,536)	(21,268)			(21,268)	(23,892,729)			(29,337,265)
6/30/2036	(5,423,268)	0	(5,423,268)	(21,268)			(21,268)	(23,913,997)			(29,337,265)
7/31/2036	(5,402,000)	0	(5,402,000)	(21,268)			(21,268)	(23,935,265)			(29,337,265)
8/31/2036	(5,380,732)	0	(5,380,732)	(21,268)			(21,268)	(23,956,533)			(29,337,265)
9/30/2036	(5,359,465)	0	(5,359,465)	(21,268)			(21,268)	(23,977,800)			(29,337,265)
10/31/2036	(5,338,197)	0	(5,338,197)	(21,268)			(21,268)	(23,999,068)			(29,337,265)
11/30/2036	(5,316,929)	0	(5,316,929)	(21,268)			(21,268)	(24,020,336)			(29,337,265)
12/31/2036	(5,295,661)	0	(5,295,661)	(21,268)			(21,268)	(24,041,604)			(29,337,265)
1/31/2037	(5,274,394)	0	(5,274,394)	(21,268)			(21,268)	(24,062,871)			(29,337,265)
2/28/2037	(5,253,126)	0	(5,253,126)	(21,268)			(21,268)	(24,084,139)			(29,337,265)
3/31/2037	(5,231,858)	0	(5,231,858)	(21,268)			(21,268)	(24,105,407)			(29,337,265)
4/30/2037	(5,210,591)	0	(5,210,591)	(21,268)			(21,268)	(24,126,674)			(29,337,265)
5/31/2037	(5,189,323)	0	(5,189,323)	(21,268)			(21,268)	(24,147,942)			(29,337,265)
6/30/2037	(5,168,055)	0	(5,168,055)	(21,268)			(21,268)	(24,169,210)			(29,337,265)
7/31/2037	(5,146,787)	0	(5,146,787)	(21,268)			(21,268)	(24,190,478)			(29,337,265)
8/31/2037	(5,125,520)	0	(5,125,520)	(21,268)			(21,268)	(24,211,745)			(29,337,265)
9/30/2037	(5,104,252)	0	(5,104,252)	(21,268)			(21,268)	(24,233,013)			(29,337,265)
10/31/2037	(5,082,984)	0	(5,082,984)	(21,268)			(21,268)	(24,254,281)			(29,337,265)
11/30/2037	(5,061,717)	0	(5,061,717)	(21,268)			(21,268)	(24,275,548)			(29,337,265)
12/31/2037	(5,040,449)	0	(5,040,449)	(21,268)			(21,268)	(24,296,816)			(29,337,265)
1/31/2038	(5,019,181)	0	(5,019,181)	(21,268)			(21,268)	(24,318,084)			(29,337,265)
2/28/2038	(4,997,913)	0	(4,997,913)	(21,268)			(21,268)	(24,339,352)			(29,337,265)
3/31/2038	(4,976,646)	0	(4,976,646)	(21,268)			(21,268)	(24,360,619)			(29,337,265)
4/30/2038	(4,955,378)	0	(4,955,378)	(21,268)			(21,268)	(24,381,887)			(29,337,265)
5/31/2038	(4,934,110)	0	(4,934,110)	(21,268)			(21,268)	(24,403,155)			(29,337,265)
6/30/2038	(4,912,843)	0	(4,912,843)	(21,268)			(21,268)	(24,424,422)			(29,337,265)
7/31/2038	(4,891,575)	0	(4,891,575)	(21,268)			(21,268)	(24,445,690)			(29,337,265)
8/31/2038	(4,870,307)	0	(4,870,307)	(21,268)			(21,268)	(24,466,958)			(29,337,265)
9/30/2038	(4,849,039)	0	(4,849,039)	(21,268)			(21,268)	(24,488,226)			(29,337,265)
10/31/2038	(4,827,772)	0	(4,827,772)	(21,268)			(21,268)	(24,509,493)			(29,337,265)
11/30/2038	(4,806,504)	0	(4,806,504)	(21,268)			(21,268)	(24,530,761)			(29,337,265)
12/31/2038	(4,785,236)	0	(4,785,236)	(21,268)			(21,268)	(24,552,029)			(29,337,265)
1/31/2039	(4,763,969)	0	(4,763,969)	(21,268)			(21,268)	(24,573,296)			(29,337,265)
2/28/2039	(4,742,701)	0	(4,742,701)	(21,268)			(21,268)	(24,594,564)			(29,337,265)
3/31/2039	(4,721,433)	0	(4,721,433)	(21,268)			(21,268)	(24,615,832)			(29,337,265)
4/30/2039	(4,700,165)	0	(4,700,165)	(21,268)			(21,268)	(24,637,100)			(29,337,265)
5/31/2039	(4,678,898)	0	(4,678,898)	(21,268)			(21,268)	(24,658,367)			(29,337,265)
6/30/2039	(4,657,630)	0	(4,657,630)	(21,268)			(21,268)	(24,679,635)			(29,337,265)
7/31/2039	(4,636,362)	0	(4,636,362)	(21,268)			(21,268)	(24,700,903)			(29,337,265)
8/31/2039	(4,615,095)	0	(4,615,095)	(21,268)			(21,268)	(24,722,170)			(29,337,265)
9/30/2039	(4,593,827)	0	(4,593,827)	(21,268)			(21,268)	(24,743,438)			(29,337,265)
10/31/2039	(4,572,559)	0	(4,572,559)	(21,268)			(21,268)	(24,764,706)			(29,337,265)
11/30/2039	(4,551,291)	0	(4,551,291)	(21,268)			(21,268)	(24,785,974)			(29,337,265)
12/31/2039	(4,530,024)	0	(4,530,024)	(21,268)			(21,268)	(24,807,241)			(29,337,265)
1/31/2040	(4,508,756)	0	(4,508,756)	(21,268)			(21,268)	(24,828,509)			(29,337,265)
2/29/2040	(4,487,488)	0	(4,487,488)	(21,268)			(21,268)	(24,849,777)			(29,337,265)
3/31/2040	(4,466,221)	0	(4,466,221)	(21,268)			(21,268)	(24,871,044)			(29,337,265)
4/30/2040	(4,444,953)	0	(4,444,953)	(21,268)			(21,268)	(24,892,312)			(29,337,265)
5/31/2040	(4,423,685)	0	(4,423,685)	(21,268)			(21,268)	(24,913,580)			(29,337,265)

Date	Liability			Amortization				Cumulative Balance		GL Balance Div 093		
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated Unprotected	Total Amortization	Amortization		Accts 242-27909, 253-27909	Reg liab vs GL diff	Total Reg Liab.
6/30/2040	(4,402,417)	0	(4,402,417)	(21,268)				(21,268)	(24,934,848)			(29,337,265)
7/31/2040	(4,381,150)	0	(4,381,150)	(21,268)				(21,268)	(24,956,115)			(29,337,265)
8/31/2040	(4,359,882)	0	(4,359,882)	(21,268)				(21,268)	(24,977,383)			(29,337,265)
9/30/2040	(4,338,614)	0	(4,338,614)	(21,268)				(21,268)	(24,998,651)			(29,337,265)
10/31/2040	(4,317,347)	0	(4,317,347)	(21,268)				(21,268)	(25,019,918)			(29,337,265)
11/30/2040	(4,296,079)	0	(4,296,079)	(21,268)				(21,268)	(25,041,186)			(29,337,265)
12/31/2040	(4,274,811)	0	(4,274,811)	(21,268)				(21,268)	(25,062,454)			(29,337,265)
1/31/2041	(4,253,543)	0	(4,253,543)	(21,268)				(21,268)	(25,083,722)			(29,337,265)
2/28/2041	(4,232,276)	0	(4,232,276)	(21,268)				(21,268)	(25,104,989)			(29,337,265)
3/31/2041	(4,211,008)	0	(4,211,008)	(21,268)				(21,268)	(25,126,257)			(29,337,265)
4/30/2041	(4,189,740)	0	(4,189,740)	(21,268)				(21,268)	(25,147,525)			(29,337,265)
5/31/2041	(4,168,472)	0	(4,168,472)	(21,268)				(21,268)	(25,168,793)			(29,337,265)
6/30/2041	(4,147,205)	0	(4,147,205)	(21,268)				(21,268)	(25,190,060)			(29,337,265)
7/31/2041	(4,125,937)	0	(4,125,937)	(21,268)				(21,268)	(25,211,328)			(29,337,265)
8/31/2041	(4,104,669)	0	(4,104,669)	(21,268)				(21,268)	(25,232,596)			(29,337,265)
9/30/2041	(4,083,402)	0	(4,083,402)	(21,268)				(21,268)	(25,253,863)			(29,337,265)
10/31/2041	(4,062,134)	0	(4,062,134)	(21,268)				(21,268)	(25,275,131)			(29,337,265)
11/30/2041	(4,040,866)	0	(4,040,866)	(21,268)				(21,268)	(25,296,399)			(29,337,265)
12/31/2041	(4,019,598)	0	(4,019,598)	(21,268)				(21,268)	(25,317,667)			(29,337,265)
1/31/2042	(3,998,331)	0	(3,998,331)	(21,268)				(21,268)	(25,338,934)			(29,337,265)
2/28/2042	(3,977,063)	0	(3,977,063)	(21,268)				(21,268)	(25,360,202)			(29,337,265)
3/31/2042	(3,955,795)	0	(3,955,795)	(21,268)				(21,268)	(25,381,470)			(29,337,265)
4/30/2042	(3,934,528)	0	(3,934,528)	(21,268)				(21,268)	(25,402,737)			(29,337,265)
5/31/2042	(3,913,260)	0	(3,913,260)	(21,268)				(21,268)	(25,424,005)			(29,337,265)
6/30/2042	(3,891,992)	0	(3,891,992)	(21,268)				(21,268)	(25,445,273)			(29,337,265)
7/31/2042	(3,870,724)	0	(3,870,724)	(21,268)				(21,268)	(25,466,541)			(29,337,265)
8/31/2042	(3,849,457)	0	(3,849,457)	(21,268)				(21,268)	(25,487,808)			(29,337,265)
9/30/2042	(3,828,189)	0	(3,828,189)	(21,268)				(21,268)	(25,509,076)			(29,337,265)
10/31/2042	(3,806,921)	0	(3,806,921)	(21,268)				(21,268)	(25,530,344)			(29,337,265)
11/30/2042	(3,785,654)	0	(3,785,654)	(21,268)				(21,268)	(25,551,611)			(29,337,265)
12/31/2042	(3,764,386)	0	(3,764,386)	(21,268)				(21,268)	(25,572,879)			(29,337,265)
1/31/2043	(3,743,118)	0	(3,743,118)	(21,268)				(21,268)	(25,594,147)			(29,337,265)
2/28/2043	(3,721,850)	0	(3,721,850)	(21,268)				(21,268)	(25,615,415)			(29,337,265)
3/31/2043	(3,700,583)	0	(3,700,583)	(21,268)				(21,268)	(25,636,682)			(29,337,265)
4/30/2043	(3,679,315)	0	(3,679,315)	(21,268)				(21,268)	(25,657,950)			(29,337,265)
5/31/2043	(3,658,047)	0	(3,658,047)	(21,268)				(21,268)	(25,679,218)			(29,337,265)
6/30/2043	(3,636,780)	0	(3,636,780)	(21,268)				(21,268)	(25,700,485)			(29,337,265)
7/31/2043	(3,615,512)	0	(3,615,512)	(21,268)				(21,268)	(25,721,753)			(29,337,265)
8/31/2043	(3,594,244)	0	(3,594,244)	(21,268)				(21,268)	(25,743,021)			(29,337,265)
9/30/2043	(3,572,976)	0	(3,572,976)	(21,268)				(21,268)	(25,764,289)			(29,337,265)
10/31/2043	(3,551,709)	0	(3,551,709)	(21,268)				(21,268)	(25,785,556)			(29,337,265)
11/30/2043	(3,530,441)	0	(3,530,441)	(21,268)				(21,268)	(25,806,824)			(29,337,265)
12/31/2043	(3,509,173)	0	(3,509,173)	(21,268)				(21,268)	(25,828,092)			(29,337,265)
1/31/2044	(3,487,906)	0	(3,487,906)	(21,268)				(21,268)	(25,849,359)			(29,337,265)
2/29/2044	(3,466,638)	0	(3,466,638)	(21,268)				(21,268)	(25,870,627)			(29,337,265)
3/31/2044	(3,445,370)	0	(3,445,370)	(21,268)				(21,268)	(25,891,895)			(29,337,265)
4/30/2044	(3,424,102)	0	(3,424,102)	(21,268)				(21,268)	(25,913,163)			(29,337,265)
5/31/2044	(3,402,835)	0	(3,402,835)	(21,268)				(21,268)	(25,934,430)			(29,337,265)
6/30/2044	(3,381,567)	0	(3,381,567)	(21,268)				(21,268)	(25,955,698)			(29,337,265)
7/31/2044	(3,360,299)	0	(3,360,299)	(21,268)				(21,268)	(25,976,966)			(29,337,265)
8/31/2044	(3,339,032)	0	(3,339,032)	(21,268)				(21,268)	(25,998,233)			(29,337,265)
9/30/2044	(3,317,764)	0	(3,317,764)	(21,268)				(21,268)	(26,019,501)			(29,337,265)
10/31/2044	(3,296,496)	0	(3,296,496)	(21,268)				(21,268)	(26,040,769)			(29,337,265)
11/30/2044	(3,275,228)	0	(3,275,228)	(21,268)				(21,268)	(26,062,037)			(29,337,265)
12/31/2044	(3,253,961)	0	(3,253,961)	(21,268)				(21,268)	(26,083,304)			(29,337,265)
1/31/2045	(3,232,693)	0	(3,232,693)	(21,268)				(21,268)	(26,104,572)			(29,337,265)
2/28/2045	(3,211,425)	0	(3,211,425)	(21,268)				(21,268)	(26,125,840)			(29,337,265)
3/31/2045	(3,190,158)	0	(3,190,158)	(21,268)				(21,268)	(26,147,107)			(29,337,265)
4/30/2045	(3,168,890)	0	(3,168,890)	(21,268)				(21,268)	(26,168,375)			(29,337,265)
5/31/2045	(3,147,622)	0	(3,147,622)	(21,268)				(21,268)	(26,189,643)			(29,337,265)
6/30/2045	(3,126,354)	0	(3,126,354)	(21,268)				(21,268)	(26,210,911)			(29,337,265)
7/31/2045	(3,105,087)	0	(3,105,087)	(21,268)				(21,268)	(26,232,178)			(29,337,265)
8/31/2045	(3,083,819)	0	(3,083,819)	(21,268)				(21,268)	(26,253,446)			(29,337,265)
9/30/2045	(3,062,551)	0	(3,062,551)	(21,268)				(21,268)	(26,274,714)			(29,337,265)
10/31/2045	(3,041,284)	0	(3,041,284)	(21,268)				(21,268)	(26,295,981)			(29,337,265)
11/30/2045	(3,020,016)	0	(3,020,016)	(21,268)				(21,268)	(26,317,249)			(29,337,265)
12/31/2045	(2,998,748)	0	(2,998,748)	(21,268)				(21,268)	(26,338,517)			(29,337,265)
1/31/2046	(2,977,480)	0	(2,977,480)	(21,268)				(21,268)	(26,359,785)			(29,337,265)
2/28/2046	(2,956,213)	0	(2,956,213)	(21,268)				(21,268)	(26,381,052)			(29,337,265)

Date	Liability			Amortization				GL Balance Div 093		Total Reg Liab.	
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated Unprotected	Total Amortization	Cumulative Balance - Amortization	Accts 242-27909, 253-27909		Reg liab vs GL diff
3/31/2046	(2,934,945)	0	(2,934,945)	(21,268)			(21,268)	(26,402,320)			(29,337,265)
4/30/2046	(2,913,677)	0	(2,913,677)	(21,268)			(21,268)	(26,423,588)			(29,337,265)
5/31/2046	(2,892,409)	0	(2,892,409)	(21,268)			(21,268)	(26,444,856)			(29,337,265)
6/30/2046	(2,871,142)	0	(2,871,142)	(21,268)			(21,268)	(26,466,123)			(29,337,265)
7/31/2046	(2,849,874)	0	(2,849,874)	(21,268)			(21,268)	(26,487,391)			(29,337,265)
8/31/2046	(2,828,606)	0	(2,828,606)	(21,268)			(21,268)	(26,508,659)			(29,337,265)
9/30/2046	(2,807,339)	0	(2,807,339)	(21,268)			(21,268)	(26,529,926)			(29,337,265)
10/31/2046	(2,786,071)	0	(2,786,071)	(21,268)			(21,268)	(26,551,194)			(29,337,265)
11/30/2046	(2,764,803)	0	(2,764,803)	(21,268)			(21,268)	(26,572,462)			(29,337,265)
12/31/2046	(2,743,535)	0	(2,743,535)	(21,268)			(21,268)	(26,593,730)			(29,337,265)
1/31/2047	(2,722,268)	0	(2,722,268)	(21,268)			(21,268)	(26,614,997)			(29,337,265)
2/28/2047	(2,701,000)	0	(2,701,000)	(21,268)			(21,268)	(26,636,265)			(29,337,265)
3/31/2047	(2,679,732)	0	(2,679,732)	(21,268)			(21,268)	(26,657,533)			(29,337,265)
4/30/2047	(2,658,465)	0	(2,658,465)	(21,268)			(21,268)	(26,678,800)			(29,337,265)
5/31/2047	(2,637,197)	0	(2,637,197)	(21,268)			(21,268)	(26,700,068)			(29,337,265)
6/30/2047	(2,615,929)	0	(2,615,929)	(21,268)			(21,268)	(26,721,336)			(29,337,265)
7/31/2047	(2,594,661)	0	(2,594,661)	(21,268)			(21,268)	(26,742,604)			(29,337,265)
8/31/2047	(2,573,394)	0	(2,573,394)	(21,268)			(21,268)	(26,763,871)			(29,337,265)
9/30/2047	(2,552,126)	0	(2,552,126)	(21,268)			(21,268)	(26,785,139)			(29,337,265)
10/31/2047	(2,530,858)	0	(2,530,858)	(21,268)			(21,268)	(26,806,407)			(29,337,265)
11/30/2047	(2,509,591)	0	(2,509,591)	(21,268)			(21,268)	(26,827,674)			(29,337,265)
12/31/2047	(2,488,323)	0	(2,488,323)	(21,268)			(21,268)	(26,848,942)			(29,337,265)
1/31/2048	(2,467,055)	0	(2,467,055)	(21,268)			(21,268)	(26,870,210)			(29,337,265)
2/29/2048	(2,445,787)	0	(2,445,787)	(21,268)			(21,268)	(26,891,478)			(29,337,265)
3/31/2048	(2,424,520)	0	(2,424,520)	(21,268)			(21,268)	(26,912,745)			(29,337,265)
4/30/2048	(2,403,252)	0	(2,403,252)	(21,268)			(21,268)	(26,934,013)			(29,337,265)
5/31/2048	(2,381,984)	0	(2,381,984)	(21,268)			(21,268)	(26,955,281)			(29,337,265)
6/30/2048	(2,360,717)	0	(2,360,717)	(21,268)			(21,268)	(26,976,548)			(29,337,265)
7/31/2048	(2,339,449)	0	(2,339,449)	(21,268)			(21,268)	(26,997,816)			(29,337,265)
8/31/2048	(2,318,181)	0	(2,318,181)	(21,268)			(21,268)	(27,019,084)			(29,337,265)
9/30/2048	(2,296,913)	0	(2,296,913)	(21,268)			(21,268)	(27,040,352)			(29,337,265)
10/31/2048	(2,275,646)	0	(2,275,646)	(21,268)			(21,268)	(27,061,619)			(29,337,265)
11/30/2048	(2,254,378)	0	(2,254,378)	(21,268)			(21,268)	(27,082,887)			(29,337,265)
12/31/2048	(2,233,110)	0	(2,233,110)	(21,268)			(21,268)	(27,104,155)			(29,337,265)
1/31/2049	(2,211,843)	0	(2,211,843)	(21,268)			(21,268)	(27,125,422)			(29,337,265)
2/28/2049	(2,190,575)	0	(2,190,575)	(21,268)			(21,268)	(27,146,690)			(29,337,265)
3/31/2049	(2,169,307)	0	(2,169,307)	(21,268)			(21,268)	(27,167,958)			(29,337,265)
4/30/2049	(2,148,039)	0	(2,148,039)	(21,268)			(21,268)	(27,189,226)			(29,337,265)
5/31/2049	(2,126,772)	0	(2,126,772)	(21,268)			(21,268)	(27,210,493)			(29,337,265)
6/30/2049	(2,105,504)	0	(2,105,504)	(21,268)			(21,268)	(27,231,761)			(29,337,265)
7/31/2049	(2,084,236)	0	(2,084,236)	(21,268)			(21,268)	(27,253,029)			(29,337,265)
8/31/2049	(2,062,969)	0	(2,062,969)	(21,268)			(21,268)	(27,274,296)			(29,337,265)
9/30/2049	(2,041,701)	0	(2,041,701)	(21,268)			(21,268)	(27,295,564)			(29,337,265)
10/31/2049	(2,020,433)	0	(2,020,433)	(21,268)			(21,268)	(27,316,832)			(29,337,265)
11/30/2049	(1,999,165)	0	(1,999,165)	(21,268)			(21,268)	(27,338,100)			(29,337,265)
12/31/2049	(1,977,898)	0	(1,977,898)	(21,268)			(21,268)	(27,359,367)			(29,337,265)
1/31/2050	(1,956,630)	0	(1,956,630)	(21,268)			(21,268)	(27,380,635)			(29,337,265)
2/28/2050	(1,935,362)	0	(1,935,362)	(21,268)			(21,268)	(27,401,903)			(29,337,265)
3/31/2050	(1,914,095)	0	(1,914,095)	(21,268)			(21,268)	(27,423,170)			(29,337,265)
4/30/2050	(1,892,827)	0	(1,892,827)	(21,268)			(21,268)	(27,444,438)			(29,337,265)
5/31/2050	(1,871,559)	0	(1,871,559)	(21,268)			(21,268)	(27,465,706)			(29,337,265)
6/30/2050	(1,850,291)	0	(1,850,291)	(21,268)			(21,268)	(27,486,974)			(29,337,265)
7/31/2050	(1,829,024)	0	(1,829,024)	(21,268)			(21,268)	(27,508,241)			(29,337,265)
8/31/2050	(1,807,756)	0	(1,807,756)	(21,268)			(21,268)	(27,529,509)			(29,337,265)
9/30/2050	(1,786,488)	0	(1,786,488)	(21,268)			(21,268)	(27,550,777)			(29,337,265)
10/31/2050	(1,765,220)	0	(1,765,220)	(21,268)			(21,268)	(27,572,045)			(29,337,265)
11/30/2050	(1,743,953)	0	(1,743,953)	(21,268)			(21,268)	(27,593,312)			(29,337,265)
12/31/2050	(1,722,685)	0	(1,722,685)	(21,268)			(21,268)	(27,614,580)			(29,337,265)
1/31/2051	(1,701,417)	0	(1,701,417)	(21,268)			(21,268)	(27,635,848)			(29,337,265)
2/28/2051	(1,680,150)	0	(1,680,150)	(21,268)			(21,268)	(27,657,115)			(29,337,265)
3/31/2051	(1,658,882)	0	(1,658,882)	(21,268)			(21,268)	(27,678,383)			(29,337,265)
4/30/2051	(1,637,614)	0	(1,637,614)	(21,268)			(21,268)	(27,699,651)			(29,337,265)
5/31/2051	(1,616,346)	0	(1,616,346)	(21,268)			(21,268)	(27,720,919)			(29,337,265)
6/30/2051	(1,595,079)	0	(1,595,079)	(21,268)			(21,268)	(27,742,186)			(29,337,265)
7/31/2051	(1,573,811)	0	(1,573,811)	(21,268)			(21,268)	(27,763,454)			(29,337,265)
8/31/2051	(1,552,543)	0	(1,552,543)	(21,268)			(21,268)	(27,784,722)			(29,337,265)
9/30/2051	(1,531,276)	0	(1,531,276)	(21,268)			(21,268)	(27,805,989)			(29,337,265)
10/31/2051	(1,510,008)	0	(1,510,008)	(21,268)			(21,268)	(27,827,257)			(29,337,265)
11/30/2051	(1,488,740)	0	(1,488,740)	(21,268)			(21,268)	(27,848,525)			(29,337,265)

Date	Liability			Amortization				Cumulative Balance		GL Balance Div 093		
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated Unprotected	Total Amortization	Amortization		Accts 242-27909, 253-27909	Reg liab vs GL diff	Total Reg Liab.
12/31/2051	(1,467,472)	0	(1,467,472)	(21,268)				(21,268)	(27,869,793)			(29,337,265)
1/31/2052	(1,446,205)	0	(1,446,205)	(21,268)				(21,268)	(27,891,060)			(29,337,265)
2/29/2052	(1,424,937)	0	(1,424,937)	(21,268)				(21,268)	(27,912,328)			(29,337,265)
3/31/2052	(1,403,669)	0	(1,403,669)	(21,268)				(21,268)	(27,933,596)			(29,337,265)
4/30/2052	(1,382,402)	0	(1,382,402)	(21,268)				(21,268)	(27,954,863)			(29,337,265)
5/31/2052	(1,361,134)	0	(1,361,134)	(21,268)				(21,268)	(27,976,131)			(29,337,265)
6/30/2052	(1,339,866)	0	(1,339,866)	(21,268)				(21,268)	(27,997,399)			(29,337,265)
7/31/2052	(1,318,598)	0	(1,318,598)	(21,268)				(21,268)	(28,018,667)			(29,337,265)
8/31/2052	(1,297,331)	0	(1,297,331)	(21,268)				(21,268)	(28,039,934)			(29,337,265)
9/30/2052	(1,276,063)	0	(1,276,063)	(21,268)				(21,268)	(28,061,202)			(29,337,265)
10/31/2052	(1,254,795)	0	(1,254,795)	(21,268)				(21,268)	(28,082,470)			(29,337,265)
11/30/2052	(1,233,528)	0	(1,233,528)	(21,268)				(21,268)	(28,103,737)			(29,337,265)
12/31/2052	(1,212,260)	0	(1,212,260)	(21,268)				(21,268)	(28,125,005)			(29,337,265)
1/31/2053	(1,190,992)	0	(1,190,992)	(21,268)				(21,268)	(28,146,273)			(29,337,265)
2/28/2053	(1,169,724)	0	(1,169,724)	(21,268)				(21,268)	(28,167,541)			(29,337,265)
3/31/2053	(1,148,457)	0	(1,148,457)	(21,268)				(21,268)	(28,188,808)			(29,337,265)
4/30/2053	(1,127,189)	0	(1,127,189)	(21,268)				(21,268)	(28,210,076)			(29,337,265)
5/31/2053	(1,105,921)	0	(1,105,921)	(21,268)				(21,268)	(28,231,344)			(29,337,265)
6/30/2053	(1,084,654)	0	(1,084,654)	(21,268)				(21,268)	(28,252,611)			(29,337,265)
7/31/2053	(1,063,386)	0	(1,063,386)	(21,268)				(21,268)	(28,273,879)			(29,337,265)
8/31/2053	(1,042,118)	0	(1,042,118)	(21,268)				(21,268)	(28,295,147)			(29,337,265)
9/30/2053	(1,020,850)	0	(1,020,850)	(21,268)				(21,268)	(28,316,415)			(29,337,265)
10/31/2053	(999,583)	0	(999,583)	(21,268)				(21,268)	(28,337,682)			(29,337,265)
11/30/2053	(978,315)	0	(978,315)	(21,268)				(21,268)	(28,358,950)			(29,337,265)
12/31/2053	(957,047)	0	(957,047)	(21,268)				(21,268)	(28,380,218)			(29,337,265)
1/31/2054	(935,780)	0	(935,780)	(21,268)				(21,268)	(28,401,485)			(29,337,265)
2/28/2054	(914,512)	0	(914,512)	(21,268)				(21,268)	(28,422,753)			(29,337,265)
3/31/2054	(893,244)	0	(893,244)	(21,268)				(21,268)	(28,444,021)			(29,337,265)
4/30/2054	(871,976)	0	(871,976)	(21,268)				(21,268)	(28,465,289)			(29,337,265)
5/31/2054	(850,709)	0	(850,709)	(21,268)				(21,268)	(28,486,556)			(29,337,265)
6/30/2054	(829,441)	0	(829,441)	(21,268)				(21,268)	(28,507,824)			(29,337,265)
7/31/2054	(808,173)	0	(808,173)	(21,268)				(21,268)	(28,529,092)			(29,337,265)
8/31/2054	(786,906)	0	(786,906)	(21,268)				(21,268)	(28,550,359)			(29,337,265)
9/30/2054	(765,638)	0	(765,638)	(21,268)				(21,268)	(28,571,627)			(29,337,265)
10/31/2054	(744,370)	0	(744,370)	(21,268)				(21,268)	(28,592,895)			(29,337,265)
11/30/2054	(723,102)	0	(723,102)	(21,268)				(21,268)	(28,614,163)			(29,337,265)
12/31/2054	(701,835)	0	(701,835)	(21,268)				(21,268)	(28,635,430)			(29,337,265)
1/31/2055	(680,567)	0	(680,567)	(21,268)				(21,268)	(28,656,698)			(29,337,265)
2/28/2055	(659,299)	0	(659,299)	(21,268)				(21,268)	(28,677,966)			(29,337,265)
3/31/2055	(638,032)	0	(638,032)	(21,268)				(21,268)	(28,699,233)			(29,337,265)
4/30/2055	(616,764)	0	(616,764)	(21,268)				(21,268)	(28,720,501)			(29,337,265)
5/31/2055	(595,496)	0	(595,496)	(21,268)				(21,268)	(28,741,769)			(29,337,265)
6/30/2055	(574,228)	0	(574,228)	(21,268)				(21,268)	(28,763,037)			(29,337,265)
7/31/2055	(552,961)	0	(552,961)	(21,268)				(21,268)	(28,784,304)			(29,337,265)
8/31/2055	(531,693)	0	(531,693)	(21,268)				(21,268)	(28,805,572)			(29,337,265)
9/30/2055	(510,425)	0	(510,425)	(21,268)				(21,268)	(28,826,840)			(29,337,265)
10/31/2055	(489,157)	0	(489,157)	(21,268)				(21,268)	(28,848,108)			(29,337,265)
11/30/2055	(467,890)	0	(467,890)	(21,268)				(21,268)	(28,869,375)			(29,337,265)
12/31/2055	(446,622)	0	(446,622)	(21,268)				(21,268)	(28,890,643)			(29,337,265)
1/31/2056	(425,354)	0	(425,354)	(21,268)				(21,268)	(28,911,911)			(29,337,265)
2/29/2056	(404,087)	0	(404,087)	(21,268)				(21,268)	(28,933,178)			(29,337,265)
3/31/2056	(382,819)	0	(382,819)	(21,268)				(21,268)	(28,954,446)			(29,337,265)
4/30/2056	(361,551)	0	(361,551)	(21,268)				(21,268)	(28,975,714)			(29,337,265)
5/31/2056	(340,283)	0	(340,283)	(21,268)				(21,268)	(28,996,982)			(29,337,265)
6/30/2056	(319,016)	0	(319,016)	(21,268)				(21,268)	(29,018,249)			(29,337,265)
7/31/2056	(297,748)	0	(297,748)	(21,268)				(21,268)	(29,039,517)			(29,337,265)
8/31/2056	(276,480)	0	(276,480)	(21,268)				(21,268)	(29,060,785)			(29,337,265)
9/30/2056	(255,213)	0	(255,213)	(21,268)				(21,268)	(29,082,052)			(29,337,265)
10/31/2056	(233,945)	0	(233,945)	(21,268)				(21,268)	(29,103,320)			(29,337,265)
11/30/2056	(212,677)	0	(212,677)	(21,268)				(21,268)	(29,124,588)			(29,337,265)
12/31/2056	(191,409)	0	(191,409)	(21,268)				(21,268)	(29,145,856)			(29,337,265)
1/31/2057	(170,142)	0	(170,142)	(21,268)				(21,268)	(29,167,123)			(29,337,265)
2/28/2057	(148,874)	0	(148,874)	(21,268)				(21,268)	(29,188,391)			(29,337,265)
3/31/2057	(127,606)	0	(127,606)	(21,268)				(21,268)	(29,209,659)			(29,337,265)
4/30/2057	(106,339)	0	(106,339)	(21,268)				(21,268)	(29,230,926)			(29,337,265)
5/31/2057	(85,071)	0	(85,071)	(21,268)				(21,268)	(29,252,194)			(29,337,265)
6/30/2057	(63,803)	0	(63,803)	(21,268)				(21,268)	(29,273,462)			(29,337,265)
7/31/2057	(42,535)	0	(42,535)	(21,268)				(21,268)	(29,294,730)			(29,337,265)
8/31/2057	(21,268)	0	(21,268)	(21,268)				(21,268)	(29,315,997)			(29,337,265)

Date	Liability			Amortization					GL Balance Div 093		
	Protected Balance	Unprotected Balance	Total Reg Liability Balance	Protected	Unprotected	Accelerated Unprotected	Total Amortization	Cumulative Balance - Amortization	Accts 242-27909, 253-27909	Reg liab vs GL diff	Total Reg Liab.
9/30/2057	0	0	0	(21,268)				(21,268)			(29,337,265)
Total Amortized from 10/15/2018 - 09/30/2057				\$ (10,484,213)	\$ (1,599,233)	\$ (17,253,819)	\$ (29,337,265)				-

ATMOS ENERGY CORPORATION
 TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
 TN DEFERRED INTEREST, DEPRECIATION, & AD VALOREM TAX EXPENSE SEP-23
 TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Cost Center	Account	Sub Account	Service Area	Sep-23
1	Depr Exp to Reg Asset	50	0000	4030	30005	093	\$ 3,839,629
2	Interest to Reg Asset	50	0000	4310	30130	093	10,551,033
3	RWIP Interest to Reg Asset	50	0000	4310	30130	093	301,453
4	Prop Tax to Reg Asset	50	0000	4081	30101	093	995,273
5							<u>\$ 15,687,388</u>

	Description	Company	Cost Center	Account	Sub Account	Service Area	Sep-23	Relieved June-21 ⁽¹⁾	Relieved July-22 ⁽²⁾	Relieved June-23 ⁽³⁾⁽⁴⁾	Sept-23 After Relief
8	Depr Exp to Reg Asset	50	0000	1860	14218	093	\$ 3,839,629	\$ (134,262)	\$ (650,582)	\$ (1,385,442)	\$ 1,669,343
9	Interest to Reg Asset	50	0000	1860	14218	093	10,551,033	(81,854)	(1,624,822)	(3,783,039)	5,061,318
10	RWIP Interest to Reg Asset	50	0000	1860	14218	093	301,453	(1,529)	(41,865)	(110,321)	147,739
11	Prop Tax to Reg Asset	50	0000	1860	14218	093	995,273	-	(105,687)	(337,111)	552,475
12							<u>\$ 15,687,388</u>	<u>\$ (217,645)</u>	<u>\$ (2,422,956)</u>	<u>\$ (5,615,913)</u>	<u>\$ 7,430,874</u>

	Division	Division Description	Account	Account Description	Sub Account	Sub Account Description	Description	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Average
16	093	Tennessee Division	186	Miscellaneous deferred debits	14218	Rule 8209	Total Deferral	5,617,701	6,188,294	6,777,323	7,388,819	8,068,982	8,779,103	9,524,913	10,299,823	11,116,847	5,797,008	6,130,664	6,539,081	7,430,874	7,666,110
17	093	Tennessee Division	186	Miscellaneous deferred debits	14218	Rule 8209	Interest & RWIP Interest	(3,896,019)	(4,323,360)	(4,766,246)	(5,227,858)	(5,714,598)	(6,230,840)	(6,774,595)	(7,340,916)	(7,939,620)	(4,247,912)	(4,469,163)	(4,731,166)	(5,209,057)	(5,451,642)
18								1,721,682	1,864,933	2,011,076	2,160,962	2,354,384	2,548,263	2,750,318	2,958,907	3,177,227	1,549,096	1,661,501	1,807,916	2,221,818	2,214,468

Notes:

1. For Company 50, 100% of the deferrals during the time period 06.20 and 09.20 were relieved in June-21 business.
2. For Company 50, 100% of the deferrals during the time period 10.20 and 09.21 were relieved in June-22 business.
3. For Company 50, 100% of the deferrals during the time period 10.21 and 09.22 were relieved in June-23 business.
4. For Company 50, Ad Valorem deferral base was reduced by 75% of calendar 2020 additions to plant in service in July-22 business.
5. For Company 50, Ad Valorem deferral base was reduced by 25% of calendar 2020 additions and 75% of Calendar 2021 to plant in service in June-23 business.

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
COMPUTATION OF STATE EXCISE & INCOME TAXES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Test Year
	(a)	(b)	(c)
1	Required Return	Schedule 7	\$ 42,329,632
2			
3	Current Return	Schedule 10	\$ 31,541,535
4			
5	Pre-Tax Deficiency from Current Return	Ln 1 - Ln 3	10,788,097
6	Tax Expansion Factor	WP_8-2	1.3529
7	After-Tax Deficiency from Current Return	Ln 5 x Ln 6	\$ 14,595,217
8			
9	Tax Liability Increase / Decrease (Ln 7 - Ln 3)	Ln 7 - Ln 5	3,807,119
10	Current Tax Liability	Schedule 10	\$ 7,811,741
11			
12	Income Tax Liability	Ln 9 + Ln 10	\$ 11,618,860
13			
14	Less: ITC Amortization ⁽²⁾		-
15			
16	Total Income Tax Liability	Ln 12 - Ln 14	\$ 11,618,860
17			
18	Notes:		
19	1. Twelve months ended September 30, 2023.		
20	2. UCG amortization schedule was completed in 2013.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
COMPUTATION OF STATE EXCISE & INCOME TAXES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Test Year
	(a)	(b)	(c)
1	Required Return	Schedule 7R	\$ 39,089,427
2			
3	Current Return	Schedule 10R	\$ 35,730,460
4			
5	Pre-Tax Deficiency from Current Return	Ln 1 - Ln 3	3,358,967
6	Tax Expansion Factor	WP_8-2	1.3529
7	After-Tax Deficiency from Current Return	Ln 5 x Ln 6	\$ 4,544,347
8			
9	Tax Liability Increase / Decrease (Ln 7 - Ln 3)	Ln 5 - Ln 7	1,185,380
10	Current Tax Liability	Schedule 10R	\$ 9,402,680
11			
12	Income Tax Liability	Ln 9 + Ln 10	\$ 10,588,060
13			
14	Less: ITC Amortization ⁽²⁾		-
15			
16	Total Income Tax Liability	Ln 12 - Ln 14	\$ 10,588,060
17			
18	Notes:		
19	1. Thirteen months average ended September 30, 2023.		
20	2. UCG amortization schedule was completed in 2013.		

**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
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TEST YEAR ENDING SEPTEMBER 30, 2023**

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ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
REVENUE CONVERSION FACTOR
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Test Year ⁽¹⁾ Amount	Balance
	(a)	(b)	(c)	(d)
1	Operating Revenues			1.000000
2				
3	Add: Forfeited Discounts	Sch 11-2 & Sch2	0.004050	0.004050
4				
5	Balance	Ln 1 + Ln 3		1.004050
6				
7	Uncollectible Ratio	WP_4-1 & Sch 2	0.003381	0.003395
8				
9	Balance	Ln 5 - Ln 7		1.000655
10				
11	State Excise Tax	Ln 9 x Ln 11	0.065000	0.065043
12				
13	Balance	Ln 9 - Ln 11		0.935613
14				
15	Federal Income Tax	Ln 13 x Ln 15	0.210000	0.196479
16				
17	Balance	Ln 13 - Ln 15		0.739134
18				
19	Revenue Conversion Factor	Ln 1 / Ln 17		1.352900
20				
21	Note:			
22	1. Twelve months ended September 30, 2023.			

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OVERALL COST OF CAPITAL
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Percent	Cost Rate	Overall Cost of Capital
	(a)	(b)	(c)	(d)
1	Long Term Debt Capital	37.33%	3.95%	1.48%
2	Short Term Debt	0.29%	17.51%	0.05%
3	Equity Capital ⁽¹⁾	62.38%	9.80%	6.11%
4				
5	Total Capital	100.0%		7.64%
6				
7	Note:			
8	1. Allowed rate of return established per TRA Docket No. 14-00146.			

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
OVERALL COST OF CAPITAL
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Percent	Cost Rate	Overall Cost of Capital
	(a)	(b)	(c)	(d)
1	Long Term Debt Capital	38.67%	3.95%	1.53%
2	Short Term Debt	0.30%	17.51%	0.05%
3	Equity Capital ⁽¹⁾	61.03%	9.80%	5.98%
4				
5	Total Capital	100.0%		7.56%
6				
7	Note:			
8	1. Allowed rate of return established per TRA Docket No. 14-00146.			

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM ("TN ARM") - COST OF SERVICE FILING
COST OF CAPITAL
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Capital	Cost Rate
	(a)	(b)	(c)
1	Long Term Debt	\$ 6,505,307,443	37.33%
2	Short Term Debt	49,819,109	0.29%
3	Equity	10,870,063,643	62.38%
4			
5	Total Capital	<u>\$ 17,425,190,195</u>	<u>100.00%</u>
6			
7	Notes:		
8	1. As of the end of the Test Period September 2023.		
9	2. Excluding Uri & AEKS Securitized Debt.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
COST OF CAPITAL
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Capital	Cost Rate
	(a)	(b)	(c)
1	Long Term Debt	\$ 6,442,301,891	38.67%
2	Short Term Debt	49,819,109	0.30%
3	Equity	10,167,105,669	61.03%
4			
5	Total Capital	\$ 16,659,226,669	100.00%
6			
7	Notes:		
8	1. Thirteen months Average ended September 30, 2023.		
9	2. Excluding Uri and AEKS Securitized Debt.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
COST OF CAPITAL - SHORT TERM DEBT RATE
TEST YEAR ENDING SEPTEMBER 30, 2023

Atmos Consolidated Balances					12 Month Avg	12 Month Avg	
Line No.	Date	Long-Term Debt	Short-Term Debt	Equity	Atmos Consolidated - calc of STD rate	STD Int Exp & fees	STD Avg rate
	(a)	(b)	(c)	(d)	STD Avg Daily Bal	(f)	(g)
1	Sep-22	\$ 5,710,253,526	\$ 184,967,428	\$ 9,419,091,003	\$ 162,333,333	\$ 737,809	
2	Oct-22	6,500,467,734	0	9,529,855,429	11,935,484	384,285	
3	Nov-22	6,501,031,119	-	9,448,184,062	-	344,971	
4	Dec-22	6,501,784,167	-	9,836,274,451	-	351,713	
5	Jan-23	6,502,477,214	-	9,944,834,604	-	351,713	
6	Feb-23	6,503,170,262	-	9,999,605,771	-	331,487	
7	Mar-23	6,503,475,574	-	10,205,205,762	-	401,713	
8	Apr-23	6,503,780,885	49,944,111	10,275,306,133	10,166,667	386,455	
9	May-23	6,504,086,197	0	10,431,617,761	29,032,258	478,399	
10	Jun-23	6,504,391,509	-	10,602,381,316	-	343,855	
11	Jul-23	6,504,696,820	5,000,000	10,821,347,871	161,290	351,347	
12	Aug-23	6,505,002,132	165,803,743	10,788,605,893	66,032,258	659,448	
13	Sep-23	6,505,307,443	241,933,133	10,870,063,643	300,306,667	1,708,022	
14						\$ 6,093,409	
15							
16	Average	\$ 6,442,301,891	\$ 49,819,109	\$ 10,167,105,669	\$ 34,802,885		17.51%

Notes:

1. Long Term Debt, Column (b) has been adjusted to exclude Long-Term Lease Liability, Winter Uri Financing and AEKS Securitization.
2. Mar-23 Short Term Debt balances have been adjusted to back out two week bridge financing.
3. Mar-23 - added \$50K for Credit Agency Annual Fee associated with STD Facility.

Interest on CP or Interest on Draws on Credit Facility	Commitment Fees on Credit Facility	Bank Fees on AEC Credit Facility With RBS
30120,30121,30187	30121,30187	
Detail of Colm (f) Consolidated Int Exp & Fees		
Int Exp	Commit fees	Utility Bank Admin
\$ 392,837	\$ 202,260	\$ 142,711
32,572	209,002	142,711
-	202,260	142,711
-	209,002	142,711
-	209,002	142,711
-	188,776	142,711
-	209,002	192,711
42,600	202,260	141,595
127,819	208,985	141,595
-	202,260	141,595
750	209,002	141,595
308,851	209,002	141,595
1,364,167	202,260	141,595
\$ 1,876,760	\$ 2,460,814	\$ 1,755,835
per STD rpts:	\$ 6,093,409	

[illegible]

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
RATE OF RETURN
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Test Year ⁽¹⁾
	(a)	(b)	(c)
1	Total Revenues	Sch 1	\$ 197,939,296
2			
3	Gas Cost	Sch 3	106,941,322
4			
5	Operation & Maintenance Expense	Sch 1	22,958,463
6			
7	Taxes Other Than Income Taxes	Sch 5	8,836,408
8			
9	Depreciation & Amortization Expense	Sch 1	20,679,816
10			
11	Federal Income and State Excise Tax	WP_10-1	7,811,741
12			
13	Interest on Customer Deposits	Sch 1	156,321
14			
15	AFUDC	WP_1-2	<u>(986,308)</u>
16			
17	Return on Rate Base	Ln 1 - sum (Ln 3 : Ln 15)	<u><u>\$ 31,541,535</u></u>

18			
19	Total Rate Base	Sch 7	\$ 554,052,778
20			
21	Rate of Return on Rate Base	Ln 17 / Ln 19	5.69%
22			
23	Interest Expense	Sch 9, Sch 7	8,477,007
24			
25			
26	Return on Equity	Ln 17 - Ln 23	<u>\$ 23,064,527</u>
27			
28	Rate of Return on Equity	Sch 9	6.67%
29			
30	Note:		
31	1. Twelve months ended September 30, 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
RATE OF RETURN
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Test Year ⁽¹⁾
	(a)	(b)	(c)
1	Total Revenues	Sch 1R	\$ 200,321,953
2			
3	Gas Cost	Sch 3	106,941,322
4			
5	Operation & Maintenance Expense	Sch 1R	22,958,463
6			
7	Taxes Other Than Income Taxes	Sch 5	8,836,408
8			
9	Depreciation & Amortization Expense	Sch 1R	17,282,608
10			
11	Federal Income and State Excise Tax	WP_10-1R	9,402,680
12			
13	Interest on Customer Deposits	Sch 1R	156,321
14			
15	AFUDC Interest credit	WP_1-2	<u>(986,308)</u>
16			
17	Return on Rate Base	Ln 1 - Sum (Ln 3 : Ln 15)	<u><u>\$ 35,730,460</u></u>

18			
19	Total Rate Base	Sch 7R	\$ 517,055,917
20			
21	Rate of Return on Rate Base	Ln 17 / Ln 19	6.91%
22			
23	Interest Expense	Sch 9R, Sch 7R	8,169,483
24			
25			
26	Return on Equity	Ln 17 - Ln 23	<u>\$ 27,560,976</u>
27			
28	Rate of Return on Equity	Sch 9	8.73%
29			
30	Note:		
31	1. Twelve months ended September 30, 2023.		

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
COMPUTATION OF STATE EXCISE & FEDERAL INCOME TAXES FOR SCHEDULE 10
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Tax Rate	Test Year ⁽¹⁾
	(a)	(b)	(c)	(d)
1	Net Operating Income Before Income Tax	Sch 10		\$ 38,366,967
2				
3	Interest Deduction	Sch 10		<u>8,477,007</u>
4				
5	Equity Portion of Return	Ln 1 - Ln 3		\$ 29,889,960
6				
7	Application of Tax Rate to Equity Return - Tennessee	Ln 5 x Ln 7	6.5%	1,942,847
8				
9	Application of Tax Rate to Equity Return - Federal		21%	<u>5,868,894</u>
10				
11	Income Tax Expense	Ln 7 + Ln 9		<u>\$ 7,811,741</u>
12				
13	Less: ITC Amortization ⁽²⁾			<u>-</u>
14				
15	Total Income Tax Liability	Ln 11 - Ln 13		<u>\$ 7,811,741</u>
16				
17	Notes:			
18	1. Twelve months ended September 30, 2023.			
19	2. UCG amortization schedule was completed in 2013.			

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
COMPUTATION OF STATE EXCISE & FEDERAL INCOME TAXES FOR SCHEDULE 10
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Reference	Tax Rate	Test Year ⁽¹⁾
	(a)	(b)	(c)	(d)
1	Net Operating Income Before Income Tax	Sch 10		\$44,146,831
2				
3	Interest Deduction	Sch 10		8,169,483
4				
5	Equity Portion of Return	Ln 1 - Ln 3		\$35,977,348
6				
7	Application of Tax Rate to Equity Return - Tennessee	Ln 5 x Ln 7	6.5%	2,338,528
8				
9	Application of Tax Rate to Equity Return - Federal		21%	7,064,152
10				
11	Income Tax Expense	Ln 7 + Ln 9		\$ 9,402,680
12				
13	Less: ITC Amortization ⁽²⁾			-
14				
15	Total Income Tax Liability	Ln 11 - Ln 13		\$ 9,402,680
16				
17	Notes:			
18	1. Twelve months ended September 30, 2023.			
19	2. UCG amortization schedule was completed in 2013.			

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
PROOF OF REVENUES AND CALCULATION OF RATES
HISTORIC TEST PERIOD MARGIN AT PRESENT RATES
TEST YEAR ENDING SEPTEMBER 30, 2023

		12 Mths Ended Sep 23		Rates effective Sep 23		12 mths Sep 23	Weather	12 mths Sep 23	12 mths Sep 23	12 mths Sep 23
		Base	Volumes	Monthly	Commodity	Margin	Adjustment	WNA Adjusted	Weather adj	Margir
Line No.	Description	Count	Mcf	Customer chg	Charge/Mcf	at Sep 23 Rates	Volumes Mcf	Volumes Mcf	at Sep 23 Rates	WNA \$ Adj
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	RESIDENTIAL									
2	210 Residential Gas Service (Summer)	708,626	1,108,874	\$ 18.25	\$ 1.440	\$ 14,529,203	-	1,108,874	\$ 14,529,203	\$ -
3	210 Residential Gas Service (Winter) (weather sensitive)	988,472	6,732,550	\$ 20.25	\$ 1.440	29,711,430	1,131,572	7,864,122	31,340,893	1,629,464
4	210 Residential Gas Service Senior Citizen (Summer)	358	318	\$ -	\$ 1.440	458	-	318	458	-
5	210 Residential Gas Service Senior Citizen (Winter) (weather sensitive)	516	3,129	\$ -	\$ 1.440	4,506	-	3,129	4,506	-
6	211 Residential/Sm. Commercial/Industrial Heating & Cooling Service	-	-	\$ 16.75	\$ 0.872	-	-	-	-	-
7	Total Residential	1,697,972	7,844,871			\$ 44,245,597	1,131,572	8,976,443	\$ 45,875,061	\$ 1,629,464
8										
9	COMMERCIAL									
10	211 Residential/Sm. Commercial/Industrial Heating & Cooling Service	-	-	\$ 16.75	\$ 0.872	\$ -	-	-	\$ -	\$ -
11	220 Commercial Gas Service (weather sensitive)	212,379	5,567,325	\$ 42.45	\$ 2.870	24,993,712	531,199	6,098,525	26,518,254	1,524,542
12	230 Large Commercial Gas Service (weather sensitive)	-	-	\$ 458.95	\$ 2.515	-	-	-	-	-
13	250 Commercial Interruptible Gas Service	-	-	\$ 458.95		-	-	-	-	-
14	Block 1 Volumes	-	-		\$ 1.409	-	-	-	-	-
15	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
16	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
17	293 Large Tonnage Air Conditioning Gas Service	12	-	\$ 42.45		509	-	-	509	-
18	Block 1 Volumes	-	8,225		\$ 1.409	11,590	-	8,225	11,590	-
19	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
20	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
21	Total Commercial	212,391	5,575,551			\$ 25,005,811	531,199	6,106,750	\$ 26,530,353	\$ 1,524,542
22										
23	INDUSTRIAL									
24	220 Industrial Gas Service (weather sensitive)	3,826	607,725	\$ 42.45	\$ 2.870	\$ 1,906,585	57,985	665,710	\$ 2,073,003	\$ 166,418
25	230 Large Industrial Gas Service	87	65,413	\$ 458.95	\$ 2.515	204,442	-	65,413	204,442	-
26	240 DEMAND/COMM GS	-	-	\$ 458.95		-	-	-	-	-
27	Block 1 Volumes	-	-		\$ 1.409	-	-	-	-	-
28	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
29	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
30	Demand Volumes	-	-		\$ 19.000	-	-	-	-	-
31	250 Industrial Interruptible Gas Service	200	-	\$ 458.95		91,790	-	-	91,790	-
32	Block 1 Volumes	-	217,966		\$ 1.409	307,114	-	217,966	307,114	-
33	Block 2 Volumes	-	692,930		\$ 0.933	646,504	-	692,930	646,504	-
34	Block 3 Volumes	-	702,651		\$ 0.432	303,545	-	702,651	303,545	-
35	250/240/280 Industrial/Demand/Economic Dev	-	-	\$ 458.95		-	-	-	-	-
36	Block 1 Volumes	-	-		\$ 1.409	-	-	-	-	-
37	Block 1 Volumes @ Discount Rate	-	-		\$ 1.057	-	-	-	-	-
38	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
39	Block 2 Volumes @ Discount Rate	-	-		\$ 0.700	-	-	-	-	-
40	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
41	Block 3 Volumes @ Discount Rate	-	-		\$ 0.324	-	-	-	-	-
42	Demand Volumes	-	-		\$ 19.000	-	-	-	-	-
43	Demand Volumes @ Discount Rate	-	-		\$ 14.250	-	-	-	-	-
44	280/250 Economic Development Gas Service	10	-	\$ 458.95		4,590	-	-	4,590	-
45	Block 1 Volumes	-	-		\$ 1.409	-	-	-	-	-
46	Block 1 Volumes @ Discount Rate	-	20,000		\$ 1.057	21,135	-	20,000	21,135	-
47	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
48	Block 2 Volumes @ Discount Rate	-	52,933		\$ 0.700	37,040	-	52,933	37,040	-

Line No.	Description (a)	12 Mths Ended Sep 23		Rates effective Sep 23		12 mths Sep 23	Weather	12 mths Sep 23	12 mths Sep 23	12 mths Sep 23
		Base Count	Volumes Mcf	Monthly Customer chg	Commodity Charge/Mcf	Margin at Sep 23 Rates	Adjustment Volumes Mcf	WNA Adjusted Volumes Mcf	Weather adj at Sep 23 Rates	Margir WNA \$ Adj at Sep 23 Rates
		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
49	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
50	Block 3 Volumes @ Discount Rate	-	-		\$ 0.324	-	-	-	-	-
51	292 Cogeneration, CNG, Prime Movers Service	12	-	\$ 42.45		509	-	-	509	
52	Block 1 Volumes	-	1,816		\$ 1.409	2,559	-	1,816	2,559	
53	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	
54	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	
55	Total Industrial	4,135	2,361,435			\$ 3,525,813	57,985	2,419,420	\$ 3,692,231	\$ 166,418
56										
57	PUBLIC AUTHORITY									
58	211 Residential/Sm. Commercial/Industrial Heating & Cooling Service	-	-	\$ 16.75	\$ 0.872	\$ -	-	-	\$ -	\$ -
59	221 Experimental School Gas Service	36	23,192	\$ 42.45	\$ 1.391	33,788	2,213	25,405	36,867	3,078
60	225 Public Authority Gas Service (Sr. Citizen) (Summer)	-	-	\$ -	\$ 1.440	-	-	-	-	-
61	225 Public Authority Gas Service (Sr. Citizen) (Winter)	-	-	\$ -	\$ 1.440	-	-	-	-	-
62	225 Public Authority Gas Service (Summer)	3,115	5,046	\$ 18.25	\$ 1.440	64,115	-	5,046	64,115	-
63	225 Public Authority Gas Service (Winter)	4,357	21,772	\$ 20.25	\$ 1.440	119,581	3,868	25,641	125,152	5,570
64	Total Public Authority	7,508	50,011			\$ 217,485	6,081	56,092	\$ 226,134	\$ 8,649
65										
66	TRANSPORTATION									
67	260 - TRANSP (220 SML COM/INDG)	108	113,842	\$ 458.95	\$ 2.870	\$ 376,292	-	113,842	\$ 376,292	\$ -
68	260 - TRANSP (230 LRG COM/INDG)	487	1,405,390	\$ 458.95	\$ 2.515	3,758,065	-	1,405,390	3,758,065	-
69	260 - TRANSP (240 DEMAND)	84	-	\$ 458.95		38,552	-	0	38,552	-
70	Block 1 Volumes	-	168,000		\$ 1.409	236,712	-	168,000	236,712	-
71	Block 2 Volumes	-	421,009		\$ 0.933	392,802	-	421,009	392,802	-
72	Block 3 Volumes	-	-		\$ 0.432	-	-	0	0	-
73	Demand Volumes	-	31,766		\$ 19.000	603,554	-	31,766	603,554	-
74	260 - TRANSP (250 OPT GS)	678	-	\$ 458.95		311,168	-	0	311,168	-
75	Block 1 Volumes	-	1,283,884		\$ 1.409	1,808,993	-	1,283,884	1,808,993	-
76	Block 2 Volumes	-	5,321,732		\$ 0.933	4,965,176	-	5,321,732	4,965,176	-
77	Block 3 Volumes	-	434,940		\$ 0.432	187,894	-	434,940	187,894	-
78	260 - TRANSP (280/240 ECON DEV/DEMAND)	-	-	\$ 458.95		-	-	-	-	-
79	Block 1 Volumes	-	-		\$ 1.409	-	-	-	-	-
80	Block 1 Volumes @ Discount Rate	-	-		\$ 1.057	-	-	-	-	-
81	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
82	Block 2 Volumes @ Discount Rate	-	-		\$ 0.700	-	-	-	-	-
83	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
84	Block 3 Volumes @ Discount Rate	-	-		\$ 0.324	-	-	-	-	-
85	Demand Volumes	-	-		\$ 19.000	-	-	-	-	-
86	Demand Volumes @ Discount Rate	-	-		\$ 14.250	-	-	-	-	-
87	260 - TRANSP (280/250 ECON DEV - OPT GS)	-	-	\$ 458.95		-	-	-	-	-
88	Block 1 Volumes	-	-		\$ 1.409	-	-	-	-	-
89	Block 1 Volumes @ Discount Rate	-	-		\$ 1.057	-	-	-	-	-
90	Block 2 Volumes	-	-		\$ 0.933	-	-	-	-	-
91	Block 2 Volumes @ Discount Rate	-	-		\$ 0.700	-	-	-	-	-
92	Block 3 Volumes	-	-		\$ 0.432	-	-	-	-	-
93	Block 3 Volumes @ Discount Rate	-	-		\$ 0.324	-	-	-	-	-
94	SPECIAL CONTRACTS	24	2,305,555			755,742	-	2,305,555	755,742	-
95	Total Transportation	1,381	11,454,352			\$ 13,434,949	-	11,454,352	\$ 13,434,949	\$ -
96										
97	TOTALS	1,923,387	27,286,219			\$ 86,429,655	1,726,838	29,013,057	\$ 89,758,727	\$ 3,329,072
98										
99	Other					\$ (1)			\$ -	
100	4870 - Forfeited Discount					\$ 811,372			811,372	
101	4880 - Miscellaneous Service charges					\$ 427,876			427,876	
102	4960 - Tax Reform Cost of Service Reserve					-			-	

CAD Testimony
\$ 811,372
\$ 427,876

Line No.	Description (a)	12 Mths Ended Sep 23		Rates effective Sep 23	
		Base Count	Volumes Mcf	Monthly Customer chg	Commodity Charge/Mcf
103	TOTAL MARGIN REVENUES	(b)	(c)	(d)	(e)
					\$ 1,239,248

12 mths Sep 23 Margin at Sep 23 Rates	Weather Adjustment Volumes Mcf	12 mths Sep 23 WNA Adjusted Volumes Mcf	12 mths Sep 23 Weather adj Margir at Sep 23 Rates	12 mths Sep 23 WNA \$ Adj at Sep 23 Rates
(f)	(g)	(h)	(i)	(j)
\$ 87,668,902			\$ 90,997,975	

ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
PROOF OF REVENUES AND CALCULATION OF RATES
RATE EFFECTIVE YEAR AT PRESENT RATES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	12 Mths Ended Sep 23		Rates effective Sep 23		12 mths Sep 23				Adjusted	Adjusted	Total
		Base Count	Weather Adj. Vol Mcf	Monthly Customer chg	Commodity Charge/Mcf	Weather adj Margin at Sep 23 Rates				Base Count	Volumes Mcf	Adjusted Margin Rev
	(a)	(b)	(c)	(d)	(e)	(f)				(m)	(n)	(o)
1	RESIDENTIAL											
2	210 Residential Gas Service (Summer)	708,626	1,108,874	\$ 18.25	\$ 1.44	\$14,529,203				708,626	1,108,874	\$14,529,203
3	210 Residential Gas Service (Winter) (weather sensitive)	988,472	7,864,122	\$ 20.25	\$ 1.44	31,340,893				988,472	7,864,122	31,340,893
4	210 Residential Gas Service Senior Citizen (Summer)	358	318	\$ -	\$ 1.44	458				358	318	458
5	210 Residential Gas Service Senior Citizen (Winter) (weather sensitive)	516	3,129	\$ -	\$ 1.44	4,506				516	3,129	4,506
6	211 Residential/Sm. Commercial/Industrial Heating & Cooling Service	0	0	\$ 16.75	\$ 0.87	0				0	0	0
7	Total Residential	1,697,972	8,976,443			\$ 45,875,061				1,697,972	8,976,443	\$ 45,875,061
8												
9	COMMERCIAL											
10	211 Residential/Sm. Commercial/Industrial Heating & Cooling Service	0	0	\$ 16.75	\$ 0.87	\$ -				-	-	\$ -
11	220 Commercial Gas Service (weather sensitive)	212,379	6,098,525	\$ 42.45	\$ 2.87	26,518,254				212,379	6,098,525	26,518,254
12	230 Large Commercial Gas Service (weather sensitive)	0	0	\$ 458.95	\$ 2.52	-				-	-	-
13	250 Commercial Interruptible Gas Service	0		\$ 458.95		-				-	-	-
14	Block 1 Volumes		0		\$ 1.41	-				-	-	-
15	Block 2 Volumes		0		\$ 0.93	-				-	-	-
16	Block 3 Volumes		0		\$ 0.43	-				-	-	-
17	293 Large Tonnage Air Conditioning Gas Service	12		\$ 42.45		509				12	-	509
18	Block 1 Volumes		8,225		\$ 1.41	11,590				-	8,225	11,590
19	Block 2 Volumes		0		\$ 0.93	-				-	-	-
20	Block 3 Volumes		0		\$ 0.43	-				-	-	-
21	Total Commercial	212,391	6,106,750			\$ 26,530,353				212,391	6,106,750	\$ 26,530,353
22												
23	INDUSTRIAL											
24	220 Industrial Gas Service (weather sensitive)	3,826	665,710	\$ 42.45	\$ 2.87	\$ 2,073,003				3,826	665,710	\$ 2,073,003
25	230 Large Industrial Gas Service	87	65,413	\$ 458.95	\$ 2.52	204,442				87	65,413	204,442
26	240 DEMAND/COMM GS	0		\$ 458.95		-				-	-	-
27	Block 1 Volumes		0		\$ 1.41	-				-	-	-
28	Block 2 Volumes		0		\$ 0.93	-				-	-	-
29	Block 3 Volumes		0		\$ 0.43	-				-	-	-
30	Demand Volumes		0		\$ 19.00	-				-	-	-
31	250 Industrial Interruptible Gas Service	200		\$ 458.95		91,790				200	-	91,790
32	Block 1 Volumes		217,966		\$ 1.41	307,114				-	217,966	307,114
33	Block 2 Volumes		692,930		\$ 0.93	646,504				-	692,930	646,504
34	Block 3 Volumes		702,651		\$ 0.43	303,545				-	702,651	303,545
35	250/240/280 Industrial/Demand/Economic Dev	0		\$ 458.95		-				-	-	-
36	Block 1 Volumes		0		\$ 1.41	-				-	-	-
37	Block 1 Volumes @ Discount Rate		0		\$ 1.06	-				-	-	-
38	Block 2 Volumes		0		\$ 0.93	-				-	-	-
39	Block 2 Volumes @ Discount Rate		0		\$ 0.70	-				-	-	-
40	Block 3 Volumes		0		\$ 0.43	-				-	-	-
41	Block 3 Volumes @ Discount Rate		0		\$ 0.32	-				-	-	-
42	Demand Volumes		0		\$ 19.00	-				-	-	-
43	Demand Volumes @ Discount Rate		0		\$ 14.25	-				-	-	-

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44	280/250 Economic Development Gas Service	10		\$ 458.95		4,590				10	-	4,590
45	Block 1 Volumes		0		\$ 1.41	-				-	-	-
46	Block 1 Volumes @ Discount Rate		20,000		\$ 1.06	21,135				-	20,000	21,135
47	Block 2 Volumes		0		\$ 0.93	-				-	-	-
48	Block 2 Volumes @ Discount Rate		52,933		\$ 0.70	37,040				-	52,933	37,040
49	Block 3 Volumes		0		\$ 0.43	-				-	-	-
50	Block 3 Volumes @ Discount Rate		0		\$ 0.32	-				-	-	-
51	292 Cogeneration, CNG, Prime Movers Service	12		\$ 42.45		509				12	-	509
52	Block 1 Volumes		1,816		\$ 1.41	2,559				-	1,816	2,559
53	Block 2 Volumes		0		\$ 0.93	-				-	-	-
54	Block 3 Volumes		0		\$ 0.43	-				-	-	-
55	Total Industrial	4,135	2,419,420			\$ 3,692,231				4,135	2,419,420	\$ 3,692,231
56												
57	<u>PUBLIC AUTHORITY</u>											
58	211 Residential/Sm. Commercial/Industrial Heating & Cooling Service	0	0	\$ 16.75	\$ 0.87	\$ -				-	-	\$ -
59	221 Experimental School Gas Service	36	25,405	\$ 42.45	\$ 1.39	36,867				36	25,405	36,867
60	225 Public Authority Gas Service (Sr. Citizen) (Summer)	0	0	\$ -	\$ 1.44	-				-	-	-
61	225 Public Authority Gas Service (Sr. Citizen) (Winter) (weather Sensitive)	0	0	\$ -	\$ 1.44	-				-	-	-
62	225 Public Authority Gas Service (Summer)	3,115	5,046	\$ 18.25	\$ 1.44	64,115				3,115	5,046	64,115
63	225 Public Authority Gas Service (Winter) (weather Sensitive)	4,357	25,641	\$ 20.25	\$ 1.44	125,152				4,357	25,641	125,152
64	Total Public Authority	7,508	56,092			\$ 226,134				7,508	56,092	\$ 226,134
65												
66	<u>TRANSPORTATION</u>											
67	260 - TRANSP (220 SML COM/INDG)	108	113,842	\$ 458.95	\$ 2.87	\$ 376,292				108	113,842	\$ 376,292
68	260 - TRANSP (230 LRG COM/INDG)	487	1,405,390	\$ 458.95	\$ 2.52	3,758,065				487	1,405,390	3,758,065
69	260 - TRANSP (240 DEMAND)	84		\$ 458.95		38,552				84	-	38,552
70	Block 1 Volumes		168,000		\$ 1.41	236,712				-	168,000	236,712
71	Block 2 Volumes		421,009		\$ 0.93	392,802				-	421,009	392,802
72	Block 3 Volumes		0		\$ 0.43	-				-	-	-
73	Demand Volumes		31,766		\$ 19.00	603,554				-	31,766	603,554
74	260 - TRANSP (250 OPT GS)	678		\$ 458.95		311,168				678	-	311,168
75	Block 1 Volumes		1,283,884		\$ 1.41	1,808,993				-	1,283,884	1,808,993
76	Block 2 Volumes		5,321,732		\$ 0.93	4,965,176				-	5,321,732	4,965,176
77	Block 3 Volumes		434,940		\$ 0.43	187,894				-	434,940	187,894
78	260 - TRANSP (280/240 ECON DEV/DEMAND)	-		\$ 458.95		-				-	-	-
79	Block 1 Volumes		0		\$ 1.41	-				-	-	-
80	Block 1 Volumes @ Discount Rate		0		\$ 1.06	-				-	-	-
81	Block 2 Volumes		0		\$ 0.93	-				-	-	-
82	Block 2 Volumes @ Discount Rate		0		\$ 0.70	-				-	-	-
83	Block 3 Volumes		0		\$ 0.43	-				-	-	-
84	Block 3 Volumes @ Discount Rate		0		\$ 0.32	-				-	-	-
85	Demand Volumes		0		\$ 19.00	-				-	-	-
86	Demand Volumes @ Discount Rate		0		\$ 14.25	-				-	-	-
87	260 - TRANSP (280/250 ECON DEV - OPT GS)	-		\$ 458.95		-				-	-	-
88	Block 1 Volumes		0		\$ 1.41	-				-	-	-
89	Block 1 Volumes @ Discount Rate		0		\$ 1.06	-				-	-	-
90	Block 2 Volumes		0		\$ 0.93	-				-	-	-
91	Block 2 Volumes @ Discount Rate		0		\$ 0.70	-				-	-	-
92	Block 3 Volumes		0		\$ 0.43	-				-	-	-
93	Block 3 Volumes @ Discount Rate		0		\$ 0.32	-				-	-	-
94	SPECIAL CONTRACTS	24	2,305,555			755,742				24	2,305,555	755,742
95	Total Transportation	1,381	11,454,352			\$ 13,434,949				1,381	11,454,352	\$ 13,434,949
96												
97	TOTALS	1,923,387	29,013,057			\$ 89,758,727				1,923,387	29,013,057	\$ 89,758,727
98												
99	4870 - Forfeited Discount					\$ 811,372						\$ 811,372
100	4880 - Miscellaneous Service charges					427,876						427,876
101	TOTAL MARGIN REVENUES					\$ 90,997,975						\$ 90,997,975

ATMOS ENERGY CORPORATION
 TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
 PROOF OF REVENUES AND CALCULATION OF RATES
 RATE DESING FOR RATE EFFECTIVE YEAR
 TEST YEAR ENDING SEPTEMBER 30, 2023

Additional Revenue: 19,415,875

Line No.	Description	Rates effective Sep 23 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	\$18.25	\$1.440	711,741	1,113,920	\$ 14,593,318	\$ 12,989,273	\$ 1,604,045					22.50	1.751	\$ 16,014,173	\$ 1,950,474	\$ 17,964,647			
3	210/225 WINTER (weather sensitive)	\$20.25	\$1.440	992,829	7,889,762	31,466,045	20,104,787	11,361,258					24.50	1.751	24,324,311	13,814,974	38,139,285			
4	210/225 SR CIT	\$0.00	\$1.440	874	3,448	4,964	-	4,964					0.00	1.751	-	6,037	6,037			
5	Total 210/225			1,705,444	9,007,130	\$ 46,064,328	\$ 33,094,061	\$ 12,970,267	71.8%	28%	52%	10,048,868			\$ 40,338,483	\$ 15,771,485	\$ 56,109,968	71.9%	28%	52%
6																				
7	Rate Schedule 211																			
8	211 HVAC	\$16.75	\$0.872	0	0	\$ -	\$ -	\$ -	0%	0%	0%	0	16.75	0.872	\$0	\$0	0	0%	0%	0%
9																				
10	Rate Schedule 220																			
11	220 Commercial / Industrial Gas Service	\$42.45	\$2.870	216,205	6,764,235	\$ 28,591,257	\$ 9,177,902	\$ 19,413,354	32%	68%			50.00	3.551	\$ 10,810,250	\$ 24,019,798	\$ 34,830,048	31%	69%	
12	220 Transportation	\$458.95	\$2.870	108	113,842	376,292	49,567	326,725	13%	87%			500.00	3.551	54,000	404,251	458,251	12%	88%	
13	Total 220			216,313	6,878,077	\$ 28,967,549	\$ 9,227,469	\$ 19,740,080	32%	68%	33%	6,319,230			\$ 10,864,250	\$ 24,424,050	\$ 35,288,300	31%	69%	33%
14																				
15	Rate Schedule 221																			
16	221 Experimental School Gas Service	\$42.45	\$1.391	36	25,405	\$ 36,867	\$ 1,528	\$ 35,338	4%	96%	0%	8,042	50.00	1.697	\$ 1,800	\$ 43,112	\$ 44,912	4%	96%	0%
17																				
18	Rate Schedule 230																			
19	230 Large Commercial / Industrial Gas Service	\$458.95	\$2.515	87	65,413	\$ 204,442	\$ 39,929	\$ 164,513	20%	80%			500.00	3.087	\$ 43,500	\$ 201,929	\$ 245,429	18%	82%	
20	230 Transportation	\$458.95	\$2.515	487	1,405,390	3,758,065	223,509	3,534,556	6%	94%			500.00	3.087	243,500	4,338,439	4,581,939	5%	95%	
21	Total 230			574	1,470,803	\$ 3,962,507	\$ 263,437	\$ 3,699,069	7%	93%	4%	864,415			\$ 287,000	\$ 4,540,368	\$ 4,827,368	6%	94%	4%
22																				
23	Rate Schedule 240/250/280/292/293																			
24	240 Demand/Commodity Gas Service	\$458.95		84		\$ 38,552	\$ 38,552						500.00		\$42,000		\$ 42,000			
25	Block 1 Volumes		\$1.409		168,000	236,712		236,712						1.725		289,800	289,800			
26	Block 2 Volumes		\$0.933		421,009	392,802		392,802						1.142		480,877	480,877			
27	Block 3 Volumes		\$0.432		0	-		-						0.529		-	-			
28	Demand Volumes		\$19.000		31,766	603,554		603,554						23.250		738,560	738,560			
29	250 Interruptible Gas Service	\$458.95		878		402,958		402,958					500.00		439,000		439,000			
30	Block 1 Volumes		\$1.409		1,501,850	2,116,107		2,116,107						1.725		2,590,692	2,590,692			
31	Block 2 Volumes		\$0.933		6,014,662	5,611,680		5,611,680						1.142		6,869,947	6,869,947			
32	Block 3 Volumes		\$0.432		1,137,591	491,439		491,439						0.529		601,631	601,631			
33	280 ECON DEV - OPT GS	\$458.95		10		4,590		4,590					500.00		5,000		5,000			
34	Block 1 Volumes		\$1.409		0	-		-						1.725		-	-			
35	Block 1 Volumes @ Discount Rate		\$1.057		20,000	21,135		21,135						1.294		25,875	25,875			
36	Block 2 Volumes		\$0.933		0	-		-						1.142		-	-			
37	Block 2 Volumes @ Discount Rate		\$0.700		52,933	37,040		37,040						0.857		45,345	45,345			
38	Block 3 Volumes		\$0.432		0	-		-						0.529		-	-			
39	Block 3 Volumes @ Discount Rate		\$0.32		0	-		-						0.397		-	-			
40	292 Cogeneration, CNG, Prime Movers Service	\$42.45		12		509		509					50.00		600		600			
41	Block 1 Volumes		\$1.409		1,816	2,559		2,559						1.725		3,133	3,133			
42	Block 2 Volumes		\$0.933		0	-		-						1.142		-	-			
43	Block 3 Volumes		\$0.432		0	-		-						0.529		-	-			
44	293 Large Tonnage Air Conditioning Gas Service	\$42.45		12		509		509					50.00		600		600			
45	Block 1 Volumes		\$1.409		8,225	11,590		11,590						1.725		14,189	14,189			
46	Block 2 Volumes		\$0.933		0	-		-						1.142		-	-			
47	Block 3 Volumes		\$0.432		0	-		-						0.529		-	-			
48	Total 240/250/280/292/293			996	9,357,854	\$ 9,971,736	\$ 447,118	\$ 9,524,618	4%	96%	11%	2,175,320			\$ 487,200	\$ 11,660,049	\$ 12,147,249	4%	96%	11%
49																				
50	TOTALS			1,923,363	26,739,268	\$ 89,002,985	\$ 43,033,613	\$ 45,969,372	48%	52%	100%	19,415,875			\$ 51,978,733	\$ 56,439,064	\$ 108,417,797	48%	52%	100%

**ATMOS ENERGY CORPORATION
TENNESSEE DISTRIBUTION SYSTEM - COST OF SERVICE FILING
PROOF OF REVENUES AND CALCULATION OF RATES
SUMMARY OF PRESENT AND PROPOSED RATES
FOR THE RATE EFFECTIVE YEAR**

	<u>Current Rate</u> Monthly	<u>Proposed Rate</u> Monthly
Sales and Transportation Revenues:		
210 Residential Gas Service (WINTER)		
Customer Charge	\$20.25	\$24.50
Commodity Charge	\$1.440	\$1.751
210 Residential Gas Service (SUMMER)		
Customer Charge	\$18.25	\$22.50
Commodity Charge	\$1.440	\$1.751
211 Residential & Small Commercial/Industrial Heating & Cooling		
Customer Charge	\$16.75	\$16.75
Commodity Charge	\$0.872	\$0.872
220 Commercial & Industrial Gas Service		
Customer Charge	\$42.45	\$50.00
Commodity Charge	\$2.870	\$3.551
221 Experimental School Gas Service		
Customer Charge	\$42.45	\$50.00
Commodity Charge	\$1.391	\$1.697
225 Public Housing Authority Gas Service (WINTER)		
Customer Charge	\$20.25	\$24.50
Commodity Charge	\$1.440	\$1.751
225 Public Housing Authority Gas Service (SUMMER)		
Customer Charge	\$18.25	\$22.50
Commodity Charge	\$1.440	\$1.751

	<u>Current Rate</u> Monthly	<u>Proposed Rate</u> Monthly
Sales and Transportation Revenues:		
230 Large Commercial & Industrial Gas Service		
Customer Charge	\$458.95	\$500.00
Commodity Charge	\$2.515	\$3.087
 240 Demand/Commodity Gas Service		
Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529
Demand Charge	\$19.000	\$23.250
 250 Interruptible Gas Service		
Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529
 260 Transportation Service / 250 Interruptible Gas Service		
Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529
 260 Transportation Service / 220 Commercial & Industrial Gas Service		
Customer Charge	\$458.95	\$500.00
Commodity Charge	\$2.870	\$3.551
 260 Transportation Service / 230 Large Commercial & Industrial Gas Service		
Customer Charge	\$458.95	\$500.00
Commodity Charge	\$2.515	\$3.087

	<u>Current Rate</u> Monthly	<u>Proposed Rate</u> Monthly
Sales and Transportation Revenues:		
Schedule 280 Economic Development Gas Service		
Customer Charge	\$458.95	\$500.00
1 - 2,000 Mcf	\$1.409	\$1.725
1 - 2,000 Mcf @ Discount Rate	\$1.057	\$1.294
Next 48,000 Mcf	\$0.933	\$1.142
Next 48,000 Mcf @ Discount Rate	\$0.700	\$0.857
Over 50,000 Mcf	\$0.432	\$0.529
Over 50,000 Mcf@ Discount Rate	\$0.324	\$0.397
Schedule 292 Cogeneration, CNG. Prime Movers, Fuel Cell Service		
Customer Charge	\$42.45	\$50.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529
Schedule 293 Large Tonnage Air Conditioning Gas Service		
Customer Charge	\$42.45	\$50.00
1 - 2,000 Mcf	\$1.409	\$1.725
Next 48,000 Mcf	\$0.933	\$1.142
Over 50,000 Mcf	\$0.432	\$0.529

ATMOS ENERGY CORPORATION
REVENUE DEFICIENCY (SURPLUS)
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Reference
1	Rate Base	\$ 554,052,778	See 2RB
2	Operating Income at Present Rates	31,541,534	See 3 IS
3	Earned Rate of Return (L 2 / L 1)	5.69%	
4	Fair Rate of Return	7.64%	See 8 CC
5	Required Operating Income (L 1 x L 4)	42,329,632	
6	Operating Income Deficiency (Surplus) (L 5 - L 2)	10,788,098	
7	Gross Revenue Conversion Factor	<u>1.352900</u>	See 7 GU
8	Revenue Deficiency (Surplus)	<u><u>\$ 14,595,218</u></u>	

ATMOS ENERGY CORPORATION
RATE BASE
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Reference
1	Utility Plant in Service	\$ 887,104,144	Sch 7, Col (b), Ln 1
2	Construction Work in Progress	12,304,033	Sch 7, Col (b), Ln 5
3	Working Capital/Deferred Rate Case	2,088,657	Sch 7, Col (b), Ln 9
4	Materials and Supplies / Storage Gas	10,443,766	Sch 7, Col (b), Ln 11
5	Net Elimination of Intercompany Leased Property	5,812,516	Sch 7, Col (b), Ln 27
6	Cloud Projects	181,304	Sch 7, Col (b), Ln 29
7			
8	Total Additions	<u>\$ 917,934,420</u>	
9	Deductions:		
10	Accumulated Depreciation	\$ 251,009,240	Sch 7, Col (b), Ln 3
11	Deferred Pension Regulated Asset	11,095,365	Sch 7, Col (b), Ln 13
12	Accumulated Deferred Tax-Accel. Depreciation	90,011,198	Sch 7, Col (b), Ln 15
13	Contributions and Advances in Aid of Construction	20,280	Sch 7, Col (b), Ln 17
14	Customer Deposits	1,872,103	Sch 7, Col (b), Ln 19
15	Accrued Interest on Customer Deposits	24,174	Sch 7, Col (b), Ln 21
16	Adjustment for Capitalized Incentive Compensation	9,849,282	Sch 7, Col (b), Ln 25
17	Total Deductions	<u>\$ 363,881,642</u>	
18	Rate Base	<u>\$ 554,052,778</u>	

ATMOS ENERGY CORPORATION
INCOME STATEMENT
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Reference
1	Revenues - Sales, forfeited discounts & other	#####	Sch 1, Col (c), Ln 20
2	Cost of Gas	#####	Sch 1, Col (c), Ln 1
3	Gross margin on sales and service	90,997,975	
4	-	-	
5	-	-	
4	AFUDC	986,308	Sch 1, Col (c), Ln 13
5	Operating Margin	91,984,283	
6	Other Operation and Maintenance	22,958,463	See 4 O&M
7	Interest on Customer Deposits	156,321	Sch 1, Col (c), Ln 13
8	Depreciation and Amortization Exp.	20,679,816	Sch 1, Col (c), Ln 13
9	Taxes Other Than Income	8,836,408	See 5 Tax
10	State Excise Tax	1,942,847	See 6 FIT
11	Federal Income Tax	5,868,894	See 6 FIT
12	Total Operating Expense	60,442,748	

13	Net Operating Income for Return	<u>31,541,534</u>
14	Plus amortization-Gain	-
15	Plus adjustments	<u>-</u>
16	Adjusted Net Operating Income	<u>31,541,534</u>

ATMOS ENERGY CORPORATION
OPERATIONS AND MAINTENANCE EXPENSES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Reference
1	Labor	\$ 8,042,566	WP 4-1, Excel Col O, Ln 1
2	Benefits	1,942,474	WP 4-1, Excel Col O, Ln 2 + Ln 29
3	Employee Welfare	2,266,285	WP 4-1, Excel Col O, Ln 3
4	Insurance	1,946,984	WP 4-1, Excel Col O, Ln 4
5	Rent, Maint., & Utilities	1,399,635	WP 4-1, Excel Col O, Ln 5
6	Vehicles & Equip	585,376	WP 4-1, Excel Col O, Ln 6
7	Materials and Supplies	690,906	WP 4-1, Excel Col O, Ln 7
8	Information Technologies	1,668,555	WP 4-1, Excel Col O, Ln 8
9	Telecom	428,565	WP 4-1, Excel Col O, Ln 9
10	Marketing	335,837	WP 4-1, Excel Col O, Ln 10
11	Directors & Shareholders & PR	220,234	WP 4-1, Excel Col O, Ln 11
12	Dues & Donations	200,679	WP 4-1, Excel Col O, Ln 12
13	Print & Postage	61,448	WP 4-1, Excel Col O, Ln 13
14	Travel & Entertainment	599,449	WP 4-1, Excel Col O, Ln 14
15	Training	244,734	WP 4-1, Excel Col O, Ln 15
16	Outside Services	7,516,439	WP 4-1, Excel Col O, Ln 16
17	Provision for Bad Debt	315,764	WP 4-1, Excel Col O, Ln 17
18	Miscellaneous	(4,265,865)	WP 4-1, Excel Col O, Ln 18
19	Rate Case Expense	-	WP 4-1, Excel Col O, Ln 27
20	Elimination of Intercompany Leased Property - Rent	-	WP 3-1, Excel Col C, Ln 14
21	Inclusion of Barnsley Storage Operating Expense	394,916	WP 3-1, Excel Col D, Ln 14
22	Interest Expense	8,477,007	WP 7-7, Excel Col E, Ln 39 & Ln 41
23	Disallowed Items	(1,626,294)	WP 4-1, Excel Col O, Ln 22 : Ln 25
24	Legal Invoices Adjustment	(10,224)	WP 4-1, Excel Col O, Ln 30
25			
26	Total O&M Expense	<u>\$ 31,435,470</u>	

ATMOS ENERGY CORPORATION
OPERATIONS AND MAINTENANCE EXPENSE
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Reference
1	Property Taxes	\$ 5,119,853	WP 7-7, Col (b), Ln 11+Ln 19+Ln 23
2	State Gross Receipts Tax	798,691	WP 7-7, Col (b), Ln 12
3	Payroll Taxes	757,220	WP 7-7, Col (b), Ln 13+Ln 20+Ln 24
4	State Franchise Tax	1,361,996	WP 7-7, Col (b), Ln 14
5	Other General Taxes	-	WP 7-7, Col (b), Ln 16
6	TRA Inspection Fee	798,648	WP 7-7, Col (b), Ln 15
7			
8	Total Taxes Other Than Income Taxes	<u>\$ 8,836,408</u>	

ATMOS ENERGY CORPORATION
FEDERAL AND EXCISE TAXES
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Company	Reference
1	Operating Margin	\$ 90,997,975	See 3 IS
2	Other Operation and Maintenance	22,958,463	See 4 O&M
3	Depreciation and Amortization Expense	20,679,816	See 3 IS
4	Taxes Other Than Income	8,836,408	See 3 IS
5	NOI Before Excise and Income Taxes	38,523,288	
6	less Interest on Customer Deposits	156,321	See 3 IS
7	less Interest Expense	8,477,007	See 4 O&M
8	Pre-tax Book Income	29,889,960	
9	Schedule M Adjustments	-	
10	Excise Taxable Income	29,889,960	
11	Excise Tax Rate	6.50%	See 7 GU
12	Excise Tax	1,942,847	
13	Pre-tax Book Income	29,889,960	
14	Excise Tax	1,942,847	
15	Schedule M Adjustments	-	
16	FIT Taxable Income	27,947,113	
17	FIT Rate	21.00%	See 7 GU
18	Subtotal FIT	5,868,894	
19	Less: ITC Amortization	-	
20	Federal Income Tax Expense	\$ 5,868,894	

ATMOS ENERGY CORPORATION
GROSS REVENUE CONVERSION FACTOR
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Amount	Balance	Reference
1	Operating Revenues		1.000000	
2	Add: Forfeited Discounts	0.004050 A/	<u>0.004050</u>	WP 8-2, Excel Col D, Ln 3
3	Balance		1.004050	
4	Uncollectible Ratio	0.003381 B/	<u>0.003395</u>	WP 8-2, Excel Col D, Ln 7
5	Balance		1.000655	
6	State Excise Tax	0.065000 C/	<u>0.065043</u>	WP 8-2, Excel Col D, Ln 11
7	Balance		0.935613	
8	Federal Income Tax	0.210000 C/	<u>0.196479</u>	WP 8-2, Excel Col D, Ln 15
9	Balance		<u>0.739134</u>	
10	Revenue Conversion Factor (1 / Line 9)		<u><u>1.352900</u></u>	

A/ Forfeited discounts on gross revenues = forfeited discounts/gross revenues (excluding
forfeited discounts)

B/ Uncollectible expense/Gross margin on sales

C/ Statutory Rate

ATMOS ENERGY CORPORATION
COST OF CAPITAL
TEST YEAR ENDING SEPTEMBER 30, 2023

Line No.	Description	Ratio	Cost	Weighted Cost	Reference
1	Short Term Debt	0.29%	17.51%	0.1%	Sch 9, Ln 2
2	Long Term Debt	37.33%	3.95%	1.5%	Sch 9, Ln 1
3	Preferred Stock				
4	Stockholder's Equity	<u>62.38%</u>	9.80%	<u>6.1%</u>	Sch 9, Ln 3
5	Total	<u><u>100.00% A/</u></u>		<u><u>7.64%</u></u>	

A/ Should be 100%