STATE OF TENNESSEE

Office of the Attorney General



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November 14, 2024

Chairman David F. Jones c/o Ectory Lawless, Docket Room Manager Tennessee Public Utility Commission 502 Deadrick Street, 4th Floor Nashville, TN 37243 Tpuc.docketroom@tn.gov Electronically Filed in TPUC Docket Room on November 14, 2024, 2024 at 3:01 p.m.

Re:

Petition of Tennessee-American Water Company to Modify Tariff, Change and Increase Charges, Fees, and Rates, and for Approval of a General Rate Increase (TPUC Docket No. 24-00032)

Dear Chairman Jones:

The Consumer Advocate submits this letter to make corrections to the Revised Direct Testimony of Alex Bradley in the above-captioned matter. The corrections are as follows:

- 1. p. 3, line 20 is corrected from 6.45% to 6.46%.
- 2. p. 3, line 21 the deficiency amount is corrected from -\$4,730,764 to -\$4,657,302.
- 3. p. 3, line 21 is corrected from \$18,861,765 to 18,788,303.
- 4. Schedule 13 (rate of return)
 - a. Line 2 is changed from 47.48 to \$47.11.
 - b. Line 4 from 50.53% to 50.90%.

Thank you for your time and consideration of this matter. If you have any questions, please contact me at (615) 741-2357.

Respectfully,

Shilina B. Brown

Senior Assistant Attorney General

Shilina G. Glown

cc:

All Parties of Record

INDEX TO SCHEDULES
For the 12 Months Ending December 31, 2025

	Schedule
Results of Operations	1
Average Rate Base	2
Comparative Rate Base	3
Comparative Working Capital	4
Lead Lag Results	5
Working Capital Expense Lag	6
Income Statement at Current Rates	7
Comparative Income Statement at Current Rates	8
Comparative Water Revenue Summary	9
Taxes Other Than Income Taxes	10
Excise and Income Taxes	11
Income Statement At Proposed Rates	12
Rate of Return Summary	13
Revenue Conversion Factor	15
Consumer Advocate Proposed Revenue Change	16

Results of Operations For the 12 Months Ending December 31, 2025

Line No.	Rate Base	Consumer	**Company E/ 305,126,373	Difference \$ -7,076,952
2	Operating Income At Current Rates	22,694,325 B/	14,173,524	8,520,801
3	Earned Rate Of Return	7.61%	4.65%	2.97%
4	Fair Rate Of Return	6.46% C/	7.94%	-1.48%
5	Required Operating Income	19,259,357	24,227,034	-4,967,677
6	Operating Income Deficiency	-3,434,968	10,053,510	-13,488,477
7	Gross Revenue Conversion Factor	1.355850 D/	1.414331	-0.058481
8	Revenue Deficiency	\$4,657,302	\$ <u>14,131,001</u>	\$ <u>-18,788,303</u>

A/ C Exhibit, Schedule 2.
B/ CA Exhibit, Schedule 7.
C/ CA Exhibit, Schedule 14.
D/ CA Exhibit, Schedule 15.
E/ TAWC 2024 Rate Case - Revenue Requirement

Average Rate Base For the 12 Months Ending December 31, 2025

Line No.	Additions:	Test <u>Period</u> A/	Adjustments	Attrition Period B/
1	Utility Plant in Service	\$ 472,080,671	\$ 43,058,035	\$ 515,138,706
2	Construction Work in Progress	0	0	0
3	Materials & Supplies	1,366,374	532,977	1,899,351
4	Lead/Lag Study	4,881,000	-5,003,925	-122,925
5	Working Capital	1,206,999	-282,679	924,320
6	Total Additions	\$ 479,535,044	\$38,304,408	\$_517,839,452
	Deductions:			
7	Accumulated Depreciation	\$ 112,114,198	\$ 14,705,575	\$ 126,819,773
8	Accumulated Deferred FIT	55,861,409	590,006	56,451,415
9	Customer Advances for Construction	7,500,963	3,135,945	10,636,908
10	Contributions in Aid of Construction	19,183,109	2,353,839	21,536,948
11	Unamortized Investment Tax Credit	12,156	-7,146	5,010
12	Jasper Highlands Reg Liability	682,200	-91,800	590,400
13	Utility Plant Acquisition Adjustment	3,749,579	0	3,749,579
14	Total Deductions	\$199,103,614	\$ 20,686,418	\$ 219,790,032
15	Rate Base	\$ _280,431,430	\$17,617,990	\$ 298,049,420

A/ Petitioner's Exhibit RB-1-Summary-DD B/ WHN Rate Base Workpaper RB-2.00.

Comparative Rate Base For the 12 Months Ending December 31, 2025

Line No.	Additions:	Consumer Advocate	A/ <u>Company</u>	B/ <u>Difference</u>
1	Utility Plant in Service	\$ 515,138,706	\$ 515,138,706	\$ 0
2	Construction Work in Progress	0	0	0
3	Materials and Supplies	1,899,351	1,899,351	0
4	Lead/Lag Study	-122,925	4,503,000	-4,625,925
5	Working Capital	924,320	2,549,849	-1,625,529
6	Total Additions	\$ <u>517,839,452</u>	\$_524,090,907	\$6,251,454
	Deductions:			
7	Accumulated Depreciation	\$ 126,819,773	\$ 126,819,773	\$ 0
8	Accumulated Deferred FIT	56,451,415	60,093,004	-3,641,589
9	Customer Advances for Construction	10,636,908	8,250,965	2,385,943
10	Contributions in Aid of Construction	21,536,948	19,455,803	2,081,145
11	Unamortized Investment Tax Credit	5,010	5,010	0
12	Jasper Highlands Reg Liability	590,400	590,400	0
13	Utility Plant Acquisition Adjustment	3,749,579	3,749,579	. 0
14	Total Deductions	\$_219,790,032	\$_218,964,534	\$825,498
15	Rate Base	\$ <u>298,049,420</u>	\$_305,126,373	\$7,076,952

A/ WHN Rate Base Workpaper RB-2.00. B/ Petitioner's Exhibit RB-1-Summary-DD

Comparative Working Capital
For the 12 Months Ending December 31, 2025

Line No.		Consumer Advocate A/	CompanyB/	Difference
1	Deferred Regulatory Expenses	0	1,295,000	-1,295,000
2	Unamortized Debt Expense	1,258,618	1,400,710	-142,092
3	Incidental Collections	-334,298	-145,861	-188,437
4	Working Capital Requirement	\$924,320	\$2,549,849	\$ -1,625,529

A/ WHN Rate Base Workpaper RB-40-1.00 B/ Petitioner's Exhibit RB-5-Other Working Capital-DD

Lead Lag Results
For the 12 Months Ending December 31, 2025

Line No.		0.4
1	Revenue Lag	CA 44.46 A/
2	Expense Lag	45.58 B/
3	Net Lag	-1.12
4	Daily Cost of Service	\$110,114_B/
5	Lead Lag Study	\$

A/ TAWC Response to CA DR1-51 B/ CA Exhibit, Schedule 6

Working Capital Expense Lag
For the 12 Months Ending December 31, 2025

Line No.		A	l	Dollar
140.	Operating & Maintenance Expenses:	AmountA/	B/	Days
1	Maintenance Expenses.	f 1 500 400	40.40	40.050.400
2	Chemicals	\$ 1,599,432	12.10	\$ 19,353,122
3	Contract Services	2,116,184	48.30	102,211,673
4	Labor	815,810	48.50	39,566,805
5		5,739,414	10.50	60,263,850
6	Group Insurance	333,536	10.50	3,502,128
7	Other Benefits	562,861	9.00	5,065,748
	Pension	619,489	-1.20	-743,387
8 9	Other Insurance	1,205,504	-59.80	-72,089,139
-	Purchased Power	2,809,231	28.00	78,658,480
10	Purchased Water	194,199	37.90	7,360,142
11	Rents	27,351	-234.90	-6,424,855
12	Support Services	7,631,522	10.50	80,130,984
13	Customer Accounting	87,229	61.80	5,390,779
14	Telecom	320,950	21.50	6,900,420
15	Transportation	428,594	49.10	21,043,965
16	Waste Disposal	749,830	65.70	49,263,831
17	Miscellaneous	1,462,123	45.90	67,111,468
18	Regulatory Expense	0	0.00	0
19	Total O&M Expenses	\$ 26,703,261	17.47	\$ 466,566,014
	Administrative & General Expenses:			
20	Federal Income Tax	548,259	36.50	20,011,446
21	Property Taxes	3,576,571	218.10	780,050,135
22	Gross Receipts Tax	1,014,093	-157.50	-159,719,691
23	Franchise Tax	915,278	44.30	40,546,802
24	Utility Tax	289,493	269.00	77,873,616
25	Taxes Other Than Income	446,591	10.50	4,689,201
26	Interest Expense - Long-Term Debt	6,444,723	92.80	598,070,259
27	Interest Expense - Short-Term Debt	253,342	14.60	3,698,793
28	Total Administrative & General Expenses	\$ 13,488,349	101.21	\$ 1,365,220,561
29	Total Lead/Lag Expenses	\$40,191,610	45.58	\$1,831,786,575
	Other Expenses:			
30	Depreciation Expense	\$ 15,763,872		
31	Amortization Expense	1,116		
32	Net Earnings	15,996,260		
33	Total Other Expenses	\$ 31,761,248		
34	Total Cost of Service	\$71,952,858		
35	Daily Cost Of Service-Based on Lead/Lag Expenses	\$110,114		

Total Working Capital Attrition Year

A/ CA Exhibit, Schedule 7

B/ Petitioner's Exhibit RB-4-Cash Working Capital-DD

Income Statement at Current Rates For the 12 Months Ending December 31, 2025

Line No.		Test Period A/	Adjustments	Attrition Amount A/
-	Operating Revenues:	=======================================		-
1	Water Sales Revenues	\$ 68,124,042	\$ 3,095,812	\$ 71,219,854 B/
2	Other Revenues	1,180,170	0	1,180,170 B/
3	Total Water Revenue	\$ 69,304,212	\$ 3,095,812	\$ 72,400,024
	Operating & Maintenance Expenses:			
4	Maintenance	\$ 1,562,322	\$ 37,109	\$ 1,599,432
5	Chemicals	2,518,430	-402,247	2,116,184
6	Contract Services	918,751	-102,941	815,810
7	Labor	5,719,662	19,753	5,739,414
8	Group Insurance	1,378,584	-1,045,048	333,536
9	Other Benefits	494,871	67,990	562,861
10	Pension	(179,665)	799,154	619,489
11	Other Insurance	1,150,221	55,283	1,205,504
12	Purchased Power	2,764,927	44,304	2,809,231
13	Purchased Water	175,295	18,904	194,199
14	Rents	26,717	635	27,351
15	Support Services	8,452,669	-821,147	7,631,522
16	Customer Accounting	85,206	2,024	87,229
17	Telecom	313,502	7,448	320,950
18	Transportation	449,680	-21,086	428,594
19	Waste Disposal	675,128	74,702	749,830
20	Uncollectible	382,661	108,493	491,153
21	Miscellaneous	1,428,200	33,924	1,462,123
22	Regulatory Expense	0	0	0_
23	Total Operating & Maintenance Expenses	\$ 28,317,161	\$	\$ 27,194,414
24	Depreciation Expense	\$ 11,635,460	\$ 4,128,412	\$ 15,763,872 C/
25	Amortization Expense	1,116	0	1,116
26	General Taxes	5,359,014	883,012	6,242,026 D/
27	State Excise Taxes	670,658	-714,645	-43,987 E/
28	Federal Income Taxes	1,752,717	-1,204,458	548,259 E/
29	Total Operating Expenses	\$ 47,736,125	\$ 1,969,575	\$ 49,705,699
30	Utility Operating Income	\$ 21,568,087	\$1,126,238	\$ 22,694,325

A/ AB-1 Attrition Adjuments 10-9-24 B/ CA Exhibit, Schedule 9 C/ WHN Rate Base Workpapers, 2.00 Rate Base Summarry

D/ CA Exhibit, Schedule 10 E/ CA Exhibit, Schedule 11

Comparative Income Statement at Current Rates For the 12 Months Ending December 31, 2025

Line No.		Consumer	0 P/	D:#
INO.	One-stime Bevenues	AdvocateA/	Company B/	Difference
4	Operating Revenues: Water Sales Revenues	£ 74.240.054	e 70 co7 400	e 740.700
1		\$ 71,219,854	\$ 70,507,132	\$ 712,722
2	Other Revenues	1,180,170	1,217,791	-37,621
3	Total Water Revenue	\$ 72,400,024	\$ 71,724,923	\$ 675,101
	Operating & Maintenance Expenses:			
4	Maintenance	\$ 1,599,432	\$ 1,691,431	\$ -91,999
5	Chemicals	2,116,184	2,307,000	-190,816
6	Contract Services	815,810	966,015	-150,205
.7	Labor	5,739,414	6,961,854	-1,222,440
8	Group Insurance	333,536	481,683	-148,147
9	Other Benefits	562,861	643,491	-80,630
10	Pension	619,489	619,489	0
11	Other Insurance	1,205,504	1,205,504	0
12	Purchased Power	2,809,231	3,062,540	-253,309
13	Purchased Water	194,199	194,199	0
14	Rents	27,351	29,985	-2,634
15	Support Services	7,631,522	8,636,676	-1,005,154
16	Customer Accounting	87,229	585,203	-497,974
17	Telecom	320,950	352,451	-31,501
18	Transportation	428,594	428,594	0
19	Waste Disposal	749,830	749,830	0
20	Uncollectible	491,153	577,105	-85,952
21	Miscellaneous	1,462,123	1,699,078	-236,955
22	Regulatory Expense	0	518,000	-518,000
23	Total Operating & Maintenance Expenses	\$ 27,194,414	\$ 31,710,128	\$ -4,515,714
24	Depreciation Expense	15,763,872	15,763,872	0
25	Amortization Expense	1,116	1,116	0
26	General Taxes	6,242,026	8,219,702	-1,977,676
27	State Excise Taxes	-43,987	1,565,361	-1,609,348
28	Federal Income Taxes	548,259	4,368,709	-3,820,450
29	Total Operating Expenses	\$ 49,705,699	\$ 61,628,888	\$ -11,923,189
30	Utility Operating Income	\$22,694,325	\$10,096,035	\$ 12,598,290

A/ CA Exhibit, Schedule 7.
B/ Petitioner's Exhibit FS-2-Income Statement-BL, Schedule FS-2.1.

Comparative Water Revenue Summary For the 12 Months Ending December 31, 2025

Line No.	Customer Class		Consumer Advocate A/		Company B/		Difference
1	Residential	\$	32,040,156	\$	\$32,458,901	\$	-418,746
2	Commercial		22,921,882		22,715,453		206,429
3	Industrial		6,162,032		5,750,304		411,728
4	Other Public Authority		4,280,488		4,322,067		-41,580
5	Other Water Utility		1,733,026		1,286,516		446,509
6	Private Fire Service	•	4,082,272		3,973,889		108,382
7	Total Water Sales Revenue	\$	71,219,854	\$	70,507,132	\$	712,722
8	Activity Fee		241,140		224,355		16,785
9	New Service Fee		0		27,800		-27,800
10	Activation Fee		0		0	5	0
11	Disconnection/Reconnection Charge - Water		112,877		111,555		1,322
12	Disconnection/Reconnection Charge - Sewer		161,715		142,515		19,200
13	NSF Charge		41,640		40,800		840
14	Usage Data		17,932		17,748		184
15	After-Hours Fee		0		0		0
16	Meter Tampering Charge		0		0		0
17	Late Paymenet Fee		382,652		436,312		-53,660
18	Rent		216,998		214,303		2,695
19	Miscellaneous Service		4,180		2,403		1,777
20	Other Revenue		1,036		0		1,036
21	Total Other Operating Revenue	\$	1,180,170	\$	1,217,791	\$	-37,621
22	Total Revenues	\$_	72,400,024	\$_	71,724,923	\$	675,101

A/ WHN WP 3.0-Revenues B/ Petitioner's Exhibit Rev-1-Revenue Summary-HB

Taxes Other than Income Income Taxes For the 12 Months Ending December 31, 2025

Line No.	Property Taxes	CA \$ 3,576,571 A/	**Company C/	Difference \$ -1,343,890
2	Franchise Tax	915,278	982,116	-66,838
3	Gross Receipts Tax	1,014,093	1,042,208	-28,115
4	TPUC Inspection Fee	289,493	286,779	2,714
5	Payroll Taxes	446,591 B/	516,450	-69,859
6	Total	\$6,242,026	\$7,748,014	\$1,505,988

A/ Exh. DND-10

B/ Exh. DND-3 and Exh. DND-12 C/ Petitioner's Exhibit EXP-22-General Taxes and Fees-DD

Excise and Income Taxes For the 12 Months Ending December 31, 2025

Line No.	Operating Revenues	Consumer
	Operating Expenses:	
2	Maintenance	\$ 1,599,432
3	Chemicals	2,116,184
4	Contract Services	815,810
5	Labor	5,739,414
6	Group Insurance	333,536
7	Other Benefits	562,861
8	Pension	619,489
9	Other Insurance	1,205,504
10	Purchased Power	2,809,231
11	Purchased Water	194,199
12	Rents	27,351
13	Support Services	7,631,522
14 15	Customer Accounting	87,229
16	Telecom	320,950
17	Transportation Waste Disposal	428,594
18	Uncollectible	749,830
19	Miscellaneous	491,153 1,462,123
20	Regulatory Expense	1,402,123
21	Depreciation Expense	15,763,872
22	Amortization Expense	1,116
23	General Taxes	6,242,026
24	Total Operating Expenses	\$ 49,201,428
25	NOI Before Excise and Income Taxes	\$ 23,198,597
26	Less Interest Expense	6,698,065 C/
27	Less Repair Deduction	13,933,763 B/
28	Pre-tax Book Income	\$ 2,566,769
29	Excise Tax Rate	6.50%
30	Subtoal State Exciste Tax Expense	\$ 166,840
31	Less State Tax Credit	210,827 D/
32	State Exciste Tax Expense	\$ -43,987
33	Pre-tax Book Income	\$ 2,566,769
34	Less State Excise Tax Expense	-43,987
35	FIT Taxable Income	\$ 2,610,756
36	FIT Rate	21.00%
37	Federal Income Tax Expense	\$ 548,259
38	Total State & Federal Income Tax Expense	\$ 504,272

A/ CA Exhibit, Schedule 7. B/ DND Exh. 2 C/ CA Exhibit, Schedule 13. D/ Exh. DND-13

Income Statement at Proposed Rates
For the 12 Months Ending December 31, 2025

Line No.	Operating Revenues: Water Sales Revenues Other Revenues		Curre Rates 71,219 1,180	A/ 0,854 0,170	-2	57,302 25,024	\$	Proposed Rates 66,562,552 1,155,146
3	Total Water Revenue		72,400	,024	\$	32,326	\$_	67,717,698
	Operating & Maintenance Expenses:							
4	Maintenance		1,599	432	\$	0	\$	1,599,432
5	Chemicals		2,116	•	ν	0	Ψ	2,116,184
6	Contract Services			,810		Õ		815,810
7	Labor		5,739	,		0		5,739,414
8	Group Insurance			,536		Ö		333,536
9	Other Benefits			,861		0		562,861
10	Pension			489		Ö		619,489
11	Other Insurance		1,205	•		Ö		1,205,504
12	Purchased Power		2,809	•		Ö		2,809,231
13	Purchased Water			199		Ö		194,199
14	Rents			,351		Ö		27,351
15	Support Services		7,631			Ö		7,631,522
16	Customer Accounting			,229		Ö		87,229
17	Telecom			.950		Ö		320,950
18	Transportation			,594		Ö		428,594
17	Waste Disposal			,830		Ö		749,830
18	Uncollectible			,153	-3	31,994		459,159
19	Miscellaneous		1,462			0		1,462,123
18	Regulatory Expense	:	27,194		6 -3	1,994	\$	27,162,420
							-	
19	Depreciation Expense	;	15,763	.872	\$	0	\$	15,763,872
20	Amortization Expense			,116	•	Ō	•	1,116
21	General Taxes		6,242	,026		0		6,242,026
22	State Excise Taxes			, 987	-30	2,272		-346,259
23	Federal Income Taxes			259		3,093		-364,834
24	Total Operating Expenses	;	49,705			7,359	\$_	48,458,341
25	Utility Operating Income	5	22,694	,325	-3,43	4,968	\$_	19,259,357

A/ CA Exhibit, Schedule 8 B/ CA Exhibit, Schedule 1

Rate of Return Summary For the 12 Months Ending December 31, 2025

		Consumer Advocate A				
Line No.	Class of Capital	Percent of Total	Cost Rate A/	Weighted Cost Rate		
1	Parent Short-Term Debt	1.99%	4.27%	0.0850%		
2	Parent Long Term Debt	47.11%	4.59%	2.1623%		
3	Parent Preferred	0.00%	0.00%	0.0000%		
4	Parent Common Equity	50.90%	8.28%	4.2145%		
5	Total	100.00%		6.4618%		
	Interest Expense Short-Term Debt					
6	Rate Base			\$ 298,049,420 B/		
7	Short-Term Weighted Debt Cost			0.0850%		
8	Short-Term Debt Interest Expense			\$ 253,342		
	Interest Expense Long-Term Debt					
9	Rate Base			\$ 298,049,420 B/		
10	Long-Term Weighted Debt Cost			2.1623%		
11	Long-Term Debt Interest Expense			\$ 6,444,723		
12	Total Interest Expense			\$6,698,065		

A/ Direct Testimony of Aaron L. Rothschild, Exhibit ALR-1 B/ CA Exhibit, Schedule 2

Revenue Conversion Factor For the 12 Months Ending December 31, 2025

Line No.	Operating Revenues	Amount	Balance 1.000000
2	Add: Forfeited Discounts	0.005373 A/	0.005373
3	Balance		1.005373
4	Uncollectible Ratio	0.006833 A/	0.006870
5	Balance		0.998503
6	State Excise Tax	0.065000 B/	0.064903
7	Balance		0.933601
8	Federal Income Tax	0.210000 B/	0.196056
9	Balance		0.737544
10	Revenue Conversion Factor (Line 1 / Line 9)		1.355850

A/ WHN Revenue Workpaper WP 3.0 -Revenues B/ Statutory Rates.

CA Proposed Revenue Change For the 12 Months Ending December 31, 2025

Line No.		Current Rates A/	Proposed Rates B/	Revenue Change	Percent Change
1	Residential	\$ 32,040,156	\$ 29,716,819	\$ -2,323,337	-7.25133%
2	Commercial	22,921,882	21,259,741	-1,662,141	-7.25133%
3	Industrial	6,162,032	5,715,203	-446,829	-7.25133%
4	Other Public Authority	4,280,488	3,970,096	-310,392	-7.25133%
5	Other Water Utility	1,733,026	1,607,359	-125,667	-7.25133%
6	Private Fire Service	4,082,272	3,786,253	-296,019	7.25133%
7	Total Water Sales Revenues	\$ 71,219,854.33	\$ 66,055,470	\$ -5,164,385	-7.25133%
8	Other Revenues	1,180,170	1,687,252	507,082	
9	Total Revenues	\$72,400,024	67,742,723	\$4,657,303	

A/ CA Exhibit, Schedule 9. B/ CA Exhibit, Schedule 1. WHN-2 ,WP 100-4.01-Rate Design