

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

NOTICE OF ADJUSTMENT OF RATES OF )  
KENTUCKY-AMERICAN WATER COMPANY )   CASE NO. 9482

O R D E R

IT IS ORDERED that Kentucky-American Water Company shall file an original and 12 copies of the following information with the Commission, with a copy to all parties of record, not later than 2 weeks from the date of the filing of this case. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to insure that it is legible. Where information requested herein has been provided along with the original application, in the format requested herein, reference may be made to the specific location of said information in responding to this information request. When applicable, the information requested herein should be provided for total company operations and jurisdictional operations, separately. If neither the requested information nor a motion for an extension of time is filed by the stated date, the case may be dismissed.

1. Capital structure at the end of each of the periods as shown in Format 1.

2. a. Provide a list of all outstanding issues of long term debt as of the end of the latest calendar year and the end of the test period together with the related information as shown in Format 2a. A separate schedule is to be provided for each time period. Report in Column (k) of Format 2a, Schedule 2, the actual dollar amount of debt cost for the test year. Compute the actual and annualized composite debt cost rates and report them in Column (j) of Format 2a, Schedule 2.

b. Provide an analysis of end of period short term debt and a calculation of the average and end of period cost rates as shown in Format 2b.

3. Provide a list of all outstanding issues of preferred stock as of the end of the latest calendar year and the end of the test period as shown in Format 3. A separate schedule is to be provided for each time period. Report in Column (h) of Format 3, Schedule 2, the actual dollar amount of preferred stock cost accrued and/or paid during the test year. Compute the actual and annualized preferred stock cost rate and report the results in Column (h) of Format 3, Schedule 2.

4. a. Provide a listing of all issues of common stock in the primary market during the most recent 10-year period as shown in Format 4a.

b. Provide the common stock information on a quarterly and yearly basis for the most recent 5 calendar years available, and through the latest available quarter as shown in Format 4b.

c. Provide monthly market price figures for common stock for each month during the most recent 5-year period and for

the months through the date the application is filed as shown in Format 4c. Provide a listing of all stock splits by date and type.

5. Provide a computation of fixed charge coverage ratios for the 10 most recent calendar years and for the test year as shown in Format 5.

6. a. A schedule of the present and proposed rates, charges, terms and conditions, and service rates and regulations which the applicant seeks to change, shown in comparative form.

b. A detailed analysis of customers' bills, adjusted to actual usage and in such detail that the revenues from the present and proposed rates can be readily determined.

c. A schedule of test year revenues for each rate schedule per book rates, present rates annualized, and proposed rates annualized.

d. A schedule setting forth the effect upon average consumer bills.

e. A statement setting forth estimates of the effect that the new rate or rates will have upon the revenues of the utility, the total amount of money resulting from the increase or decrease and the percentage increase or decrease.

f. A schedule showing by customer class (i.e., residential, commercial, industrial, etc.) the amount and percent of any proposed increase or decrease in revenue distributed to each class. This schedule is to be accompanied by a statement which explains in detail the methodology or basis used to allocate

the requested increase or decrease in revenue to each of the respective customer classes.

g. A schedule showing how the increase or decrease in (f) above was further distributed to each rate charge (i.e., customer or usage charge per 1000 gallons etc.). This schedule is to be accompanied by a statement which explains, in detail, the methodology or basis used to allocate the increase or decrease.

h. A statement showing by cross-outs and italicized inserts all proposed changes in rates, charges, terms and conditions, and service rules and regulations for each rate or charge. Copy of current tariff may be used. Item 6 should be provided where not previously included in the record.

7. In comparative form, a total company income statement, a statement of changes in financial position, and a balance sheet for the test year and the 12-month period immediately preceding the test year.

8. A trial balance as of the last day of the test year (all income statement accounts should show activity for 12 months) showing account number, account title, and amount. Provide this information on a total company and Kentucky operations basis. Show the balance in each control and all underlying subaccounts per company books.

9. The balance in each current asset and each current liability account and subaccount included in the applicant's chart of accounts by months for the test year. Additionally show total current assets, total current liabilities and the net current

position by months, annually, and the 13-month average for the test year. Provide a reconciliation of current assets, current liabilities and net current position provided in response to the above with the current assets and current liabilities as shown on the balance sheet for each month of the test year. If any amounts were allocated, provide a calculation of the factor used to allocate each amount.

10. List each common general office account (asset, reserve, and expense accounts) covering the 12 months of the test year applicable to more than one jurisdiction or utility operation. If any amounts were allocated show a calculation of the factor used to allocate each amount.

11. The following monthly account balances and a calculation of the average (13-month) account balances for the test year for the total company and Kentucky operations:

- a. Plant in service (Account 101)
- b. Plant purchased or sold (Account 102)
- c. Property held for future use (Account 105)
- d. Construction work in progress (Account 107)  
(Separate this balance into CWIP eligible for capitalized interest and other CWIP)
- e. Completed construction not classified (Account 106)
- f. Depreciation reserve (Account 108)
- g. Plant acquisition adjustment (Account 114)
- h. Amortization of utility plant acquisition adjustment (Account 115)
- i. Materials and supplies (include all accounts and subaccounts)

- j. Balance in accounts payable applicable to each account in i above. (If actual is indeterminable, give reasonable estimate.)
- k. Unamortized investment credit - Pre-Revenue Act of 1971
- l. Unamortized investment credit - Revenue Act of 1971
- m. Accumulated deferred income taxes
- n. A summary of customer deposits as shown in Format 11n to this request
- o. Computation and development of minimum cash requirements
- p. Balance in accounts payable applicable to amounts included in utility plant in service. (If actual is indeterminable, give reasonable estimate.)
- q. Balance in accounts payable applicable to prepayments by major category or subaccount.
- r. Balance in accounts payable applicable to amounts included in plant under construction. (If actual is indeterminable, give reasonable estimate.)

12. The cash account balances at the beginning of the test year and at the end of each month during the test year for total company and Kentucky.

13. Provide the following information for each item of water property held for future use at the end of the test year:

- a. Description of property
- b. Location
- c. Date purchased
- d. Cost
- e. Estimated date to be placed in service
- f. Brief description of intended use
- g. Current status of each project

14. Schedules in comparative form showing by months for the test year and the year preceding the test year the total company balance in each water plant and reserve account or subaccount and each water plant and reserve account or subaccount included in the applicant's chart of accounts as shown in Format 14.

15. Provide the journal entries relating to the purchase of water utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the inception of the Company. Also, a schedule showing the calculation of the acquisition adjustment at the date of purchase of each item of utility plant, the amortization period, and the unamortized balance at the end of the test year.

16. The detailed workpapers showing calculations supporting all accounting, pro forma, end of period, and proposed rate adjustments in the rate application to revenue, expense, investment and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment including the reason why each adjustment is required. Explain in detail all components used in each calculation including the methodology employed and all assumptions applied in the derivation of each adjustment. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

17. A schedule showing a comparison of the balance in the total company and Kentucky revenue accounts for each month of the test year to the same month of the preceding year for each revenue account or subaccount included in the applicant's chart of accounts. Include appropriate footnotes to show the month each

rate increase was granted and the month the full increase was recorded in the accounts. See Format 14.

18. a. A schedule showing a comparison of the balance in the total company and Kentucky operating expense accounts for each month of the test year to the same month of the preceding year for each account or subaccount included in the applicant's chart of accounts. See Format 14.

b. A schedule in comparative form showing the total company and Kentucky operating expense account balance for the test year and each of the 5 years preceding the test year for each account or subaccounts included in the applicant's annual report. Show the percentage of increase of each year over the prior year.

c. A schedule of total company and Kentucky salaries and wages for the test year and each of the 5 calendar years preceding the test year in the format as shown in Format 18c to this request. Show for each time period the amount of overtime pay.

d. A schedule showing the percentage of increase in salaries and wages for both union and non-union employees for the test year and the 5 preceding years.

19. Provide the amount of excess deferred federal income taxes resulting from the reduction in the corporate tax rate from 48 percent to 46 percent in 1979, as of the end of the test year.

20. The following tax data for the test year for total company and Kentucky.



a. Income taxes:

- (1) Federal operating income taxes deferred - accelerated tax depreciation
- (2) Federal operating income taxes deferred - other (explain)
- (3) Federal income taxes - operating
- (4) Income Credits resulting from prior deferrals of Federal income taxes
- (5) Investment tax credit net
  - (i) Investment credit realized
  - (ii) Investment credit amortized - Pre-Revenue Act of 1971
  - (iii) Investment credit amortized - Revenue Act of 1971
- (6) Provide the information in 20a (1) through 20a (4) for state income taxes
- (7) Reconciliation of book to taxable income as shown in Format 20a (7) and a calculation of the book Federal and State income tax expense for the test year using book taxable income as the starting point
- (8) A copy of Federal and state income tax returns for the taxable year ended during the test year including supporting schedules
- (9) Schedule of franchise fees paid to cities, towns or municipalities during the test year including the basis of these fees

b. An analysis of Kentucky other operating taxes in the format as shown in attached Format 20b.

21. A schedule of total company and Kentucky net income per 100,000 gallons sold per company books for the test year and the 5 calendar years preceding the test year. This data should be provided as shown in Format 21 attached.

22. The comparative operating statistics as shown in Format 22 attached.

23. A schedule of total company and Kentucky average water plant in service per 100,000 gallons sold by account per company books for the test year and the 5 calendar years preceding the test year. This data should be provided as shown in Format 23 to this request.

24. A statement of water plant in service per company books for the test year. This data should be presented as shown in Format 24 to this request.

25. Provide the following information: If any amounts were allocated, show a calculation of the factor used to allocate each amount.

a. A detailed analysis of all charges booked during the test period for advertising expenditures. This analysis should include a complete breakdown of Account 913 - Advertising Expenses, as shown in Format 25a attached and further should show any other advertising expenditures included in any other expense accounts. The analysis should be specific as to the purpose of the expenditure and the expected benefit to be derived.

b. An analysis of Account 930 - Miscellaneous General Expenses for the test period. This analysis should show a complete breakdown of this account as shown in attached Format 25b and further provide all detailed working papers supporting this analysis. As a minimum, the work papers should show the date, vendor, reference (i.e. voucher no., etc.), dollar amount and brief description of each expenditure. Detailed analysis is not

required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 25b attached.

c. An analysis of Account 426 - Other Income Deductions for the test period. This analysis should show a complete breakdown of this account as shown in attached Format 25c, and further provide all detailed working papers supporting this analysis. As a minimum the work papers should show the date, vendor, reference (i.e., voucher no., etc.), dollar amount and brief description of each expenditure. Detailed analysis is not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 25c attached.

26. Provide a detailed analysis of expenses incurred during the test year for professional services, as shown in Format 26, and all working papers supporting the analysis. At minimum, the working papers should show the payee, dollar amount, reference (i.e., voucher no., etc.), account charged, hourly rates and time charged to the company according to each invoice, and a description of the service provided.

27. A detailed analysis of contributions for charitable and political purposes (in cash or services), if any, recorded in accounts other than Account 426. This analysis should indicate the amount of the expenditure, the recipient of the contribution and the specific account charge. If amounts are allocated show a calculation of the factor used to allocate each amount.

28. a. Provide a statement describing the applicant's lobbying activities and a schedule showing the name of the individual, his salary, his organizations or trade associations

involved in and all company-paid or reimbursed expenses or allowances and the account charged for all personnel for whom a principal function is that of lobbying, on the local, state, or national level. If any amounts are allocated, show a calculation of the factor used to allocate each amount.

29. Provide the following information with regard to uncollectible accounts for the test year and 5 preceding calendar years (taxable year acceptable) for total company:

- a. Reserve account balance at the beginning of the year
- b. Charges to reserve account (accounts charged off)
- c. Credits to reserve account
- d. Current year provision
- e. Reserve account balance at the end of the year
- f. Percent of provision to total revenue

30. Provide a detailed analysis of the retained earnings account for the test period and the 12-month period immediately preceding the test period.

31. a. A listing of non-utility property and property taxes and accounts where amounts are recorded.

b. A schedule for all non-utility property giving a description, the date purchased and the cost.

32. Rates of return in Format 32 attached.

33. Employee data in Format 33 attached.

34. The studies for the test year including all applicable workpapers which are the basis of common plant allocations and expenses account allocations.

35. A calculation of the rate or rates used to capitalize interest during construction for the test year and the 3 preceding calendar years. Provide a narrative explanation of each component entering into the calculation of this rate.

36. The information as soon as it is known, which would have a material effect on net operating income, rate base, and cost of capital which occurred after the test year and was not incorporated in the filed testimony and exhibits.

37. A detailed monthly income statement for each month after the test period including the month in which the hearing ends, as they become available.

38. A listing of present or proposed research efforts dealing with the pricing of water and the current status of such efforts.

39. Provide a schedule reflecting the salaries and other compensation of each executive officer for the test year and the preceding 2 calendar years. Include the percentage annual increase and the effective date of each increase, the job title, duty and responsibility of each officer, the number of employees who report to each executive officer and to whom each executive officer reports. Also, for employees elected to executive officer status during the test year, provide the salaries, for the test year, for those persons whom they replaced.

40. Provide an analysis of the Company's expenses for research and development activities for the test year and the 5 preceding calendar years. For the test year include the following details:

a. Basis of fees paid to research organizations and the company's portion of the total revenue of each organization. Where the contribution is monthly, provide the current rate and the effective date.

b. Details of the research activities conducted by each organization.

c. Details of services and other benefits provided to the company by each organization during the test year and the calendar year 1982.

d. Total expenditures of each organization during 1982 including the basic nature of costs incurred by the organization.

e. Details of the expected benefits to the company.

41. Provide the average number of customers for each customer class (i.e., residential, commercial and industrial) for the test period and for each month of the test period.

42. Provide the names and mailing addresses of each of the applicant's directors.

43. Provide all current labor contracts and the most recent contracts previously in effect.

44. A schedule showing the test year and the year preceding the test year with each year shown separately the following information regarding the applicant's investments in subsidiaries and joint ventures:

(1) Name of subsidiary or joint venture

(2) Date of initial investment

(3) Amount and type of investment made for each of the 2 years included in this report.

- (4) Balance sheet and income statement for the test year and the year preceding the test year. Where only internal statements are prepared, furnish copies of these.
- (5) Show on a separate schedule all dividends or income of any type received by applicant from its subsidiaries or joint ventures for each of the 2-year report periods and indicate how this income is reflected in the reports filed with the Commission and the stockholder reports.
- (6) Name of officers of each of the subsidiaries or joint ventures, officer's annual compensation, and portion of compensation charged to the subsidiary or joint venture. Also, indicate the position each officer holds with the applicant and the compensation received from the applicant.

45. Additional data relating to affiliated or parent company(s).

a. Consolidated parent and subsidiaries balance sheet, income statement, and statement of changes in financial position for the test year and the last 2 calendar years.

b. Schedule showing balance sheet, income statement, and retained earnings adjusting entries for Kentucky subsidiary in its consolidation with the parent company and affiliated companies.

c. Schedule of company's home office and/or inter-company charges; monthly for the test year and yearly for the last 2 calendar years. State the type of goods or services provided (i.e., supplies capitalized, data service, management services, etc.). The amount by type from each billing unit and the method used in billing (i.e., direct or allocated) and basis for allocating common charges.

d. Schedule of federal income tax reductions due to filing a consolidated parent tax return for the last 2 taxable years. Show source and type of reduction, and method and basis of allocating to companies and states.

Done at Frankfort, Kentucky, this 17th day of January, 1986.

PUBLIC SERVICE COMMISSION

  
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For the Commission

ATTEST:

\_\_\_\_\_  
Secretary



KENTUCKY-AMERICAN WATER COMPANY

Case No. 9432

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown

"000 Omitted"

Line No.	Type of Capital	10th Year		9th Year		8th Year	
		Amount	Ratio	Amount	Ratio	Amount	Ratio
1.	Long Term Debt						
2.	Short Term Debt						
3.	Preferred & Preference Stock						
4.	Common Equity						
5.	Other (Itemize by type)						
6.	Total Capitalization						

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown

\*000 Omitted\*

Line No.	Type of Capital	7th Year		6th Year		5th Year	
		Amount	Ratio	Amount	Ratio	Amount	Ratio
1.	Long Term Debt						
2.	Short Term Debt						
3.	Preferred & Preference Stock						
4.	Common Equity						
5.	Other (Itemize by type)						
6.	Total Capitalization						

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown  
 "000 Omitted"

Line No.	Type of Capital	4th Year		3rd Year		2nd Year	
		Amount	Ratio	Amount	Ratio	Amount	Ratio
1.	Long Term Debt						
2.	Short Term Debt						
3.	Preferred & Preference Stock						
4.	Common Equity						
5.	Other (Itemize by type)						
6.	Total Capitalization						

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown

\*000 Omitted\*

Line No.	Type of Capital	Average		
		1st Year Amount Ratio	Test Year Amount Ratio	Test Year Amount Ratio
1.	Long Term Debt			
2.	Short Term Debt			
3.	Preferred & Preference Stock			
4.	Common Equity			
5.	Other (Itemize by type)			
6.	Total Capitalization			

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Comparative Capital Structures (Excluding JDITC)

For the Periods as Shown

"000 Omitted"

Line No.	Type of Capital	Latest Available Quarter Amount	Quarter Ratio
1.	Long Term Debt		
2.	Short Term Debt		
3.	Preferred & Preference Stock		
4.	Common Equity		
5.	Other (Itemize by Type)		
6.	Total Capitalization		

Instructions:

1. Provide a calculation of the average test year data as shown in Format 1, Schedule 2.
2. If the applicant is a member of an affiliated group, the above data is to be provided for the parent company and the system consolidated.

KENTUCKY-AMERICAN WATER COMPANY

Format 1  
Schedule 2

Case No. 9482

Calculation of Average Test Period Capital Structure  
12 Months Ended \_\_\_\_\_  
\*000 Omitted\*

Line No.	Item (a)	Total Capital (b)	Long-Term Debt (c)	Short-Term Debt (d)	Preferred Stock (e)	Common Stock (f)	Retained Earnings (g)	Total Common Equity (h)
1.	Balance beginning of test year							
2.	1st Month							
3.	2nd Month							
4.	3rd Month							
5.	4th Month							
6.	5th Month							
7.	6th Month							
8.	7th Month							
9.	8th Month							
10.	9th Month							
11.	10th Month							
12.	11th Month							
13.	12th Month							
14.	Total (L1 through L13)							
15.	Average balance (L14 ÷ 13)							
16.	Average capitalization ratios							
17.	End-of-period capitalization ratios							

Instructions:

1. If applicable, provide an additional schedule in the above format excluding common equity in subsidiaries from the total company capital structure. Show the amount of common equity excluded.
2. Include premium on class of stock.

KENTUCKY-AMERICAN WATER COMPANY

Format 2a  
Schedule 1

Case No. 9482

Schedule of Outstanding Long-Term Debt  
For the Calendar Year Ended December 31, \_\_\_\_\_

Line No.	Type of Debt Issue (a)	Date of Issue (b)	Date of Maturity (c)	Amount Outstanding (d)	Coupon Interest Rate (e)	Cost Rate At Issue (f)	Cost Rate to Maturity (g)	Bond Rating At Time of Issue (h)	Type of Obligation (i)	Annualized Cost Col. (d)xCol. (g) (j)
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Total Long-Term Debt and Annualized Cost

Annualized Cost Rate [Total Col. (j) ÷ Total Col. (d)]

- 1 Nominal Rate
- 2 Nominal Rate Plus Discount or Premium Amortization
- 3 Nominal Rate Plus Discount or Premium Amortization and Issuance Cost
- 4 Standard and Poor's, Moody, etc.

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Schedule of Outstanding Long-Term Debt  
For the Test Year Ended \_\_\_\_\_

Line No.	Type of Debt Issue (a)	Date of Issue (b)	Date of Maturity (c)	Amount Outstanding (d)	Coupon Interest Rate (e)	Cost Rate At Issue (f)	Cost Rate to Maturity (g)	Bond Rating At Time of Issue (h)	Type of Obligation (i)	Annualized Cost Col. (d)xCol. (g) (j)	Actual Test Year Interest Cost (k)
	Total Long-Term Debt and Annualized Cost										
	Annualized Cost Rate [Total Col. (j) ÷ Total Col. (d)]										
	Actual Long-Term Debt Cost Rate [Total Col. k ÷ Total Reported in Col. (c) Line 15 of Format 1, Schedule 2]										

- 1 Nominal Rate
- 2 Nominal Rate Plus Discount or Premium Amortization
- 3 Nominal Rate Plus Discount or Premium Amortization and Issuance Cost
- 4 Standard and Poor's, Moody, etc.
- 5 Sum of Accrued Interest Amortization of Discount or Premium and Issuance Cost



Format 2a  
Schedule 3

KENTUCKY-AMERICAN WATER COMPANY

CASE NO. 9482

Long-Term Debt and Preferred Stock Cost Rates

Annualized Cost Rate  
Long-Term Debt Preferred Stock

Parent Company:

Test Year

Latest Calendar year

System Consolidated:

Test Year

Latest Calendar year

Instruction:

1. This schedule is to be completed only by applicants that are members of an affiliated group.
2. Detailed workpapers showing calculation of the above cost rates are to be available on request.

KENTUCKY-AMERICAN WATER COMPANY  
Case No. 9482

Format 2b

Schedule of Short-Term Debt  
For the Test Year Ended \_\_\_\_\_

<u>Line No.</u>	<u>Type of Debt Instrument (a)</u>	<u>Date of Issue (b)</u>	<u>Date of Maturity (c)</u>	<u>Amount Outstanding (d)</u>	<u>Nominal Interest Rate (e)</u>	<u>Effective Interest Cost Rate (f)</u>	<u>Annualized Interest Cost Col.(d)xCol.(f) (g)</u>
	Total Short-Term Debt						
	Annualized Cost Rate [Total Col. (g) ÷ Total Col.(d)]						
	Actual Interest Paid or Accrued on Short Term Debt during the Test Year [Report in Col.(d)]						
	Average Short-Term Debt - Format 1, Schedule 2 Line 15 Col. (d) [Report in Col. (g) of this schedule]						
	Test Year Interest Cost Rate [Actual Interest ÷ Average Short-Term Debt] [Report in Col. (f) of this schedule]						

Instructions:

- In all instances where the Effective Interest Cost Rate is different from the Nominal Interest Rate provide a calculation of the effective Interest Cost Rate in sufficient detail to show the items of costs that cause the difference.

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Format 3  
Schedule 1

Schedule of Outstanding Shares of Preferred Stock  
For the Calendar Year Ended \_\_\_\_\_

Line No.	Description of Issue (a)	Date of Issue (b)	Amount Sold (c)	Amount Outstanding (d)	Dividend Rate (e)	Cost Rate at Issue (f)	Annualized Cost Col.(f) x Col.(d) (g)	Convertibility Features (h)
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Total

Annualized Cost Rate [Total Col.(g) ÷ Total Col.(d)]

Instruction:

1. If the applicant has issued no preferred stock, this schedule may be omitted.

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Schedule of Outstanding Shares of Preferred Stock  
For the Test Year Ended \_\_\_\_\_

Line No.	Description of Issue (a)	Date of Issue (b)	Amount Sold (c)	Amount Outstanding (d)	Dividend Rate (e)	Cost Rate at Issue (f)	Annualized Cost (g)	Actual Test Year Cost (h)	Convertibility Features (i)
Total									
Annualized Cost Rate [Total Col.(g) + Total Col.(d)]									
Actual Test Year Cost Rate [Total Col.(h) + Total Reported in Col.(e), Line 15 of Format 1, Schedule 2]									

Instruction: 1. If the applicant has issued no preferred stock, this schedule may be omitted.

KENNICKY-AMERICAN WATER COMPANY

Format 4a

Case No. 9482

Schedule of Common Stock Issue

For the 10 Year Period Ended \_\_\_\_\_

<u>DATE OF</u> <u>Issue Announcement</u>	<u>Registration</u>	<u>Number</u> <u>of Shares</u> <u>Issued</u>	<u>Price Per</u> <u>Share to</u> <u>Public</u>	<u>Price Per</u> <u>Share (Net</u> <u>to Company)</u>	<u>Book Value</u> <u>Per Share At</u> <u>Date of Issue</u>	<u>Selling Exps.</u> <u>As % of Gross</u> <u>Issue Amount</u>	<u>Net</u> <u>Proceeds</u> <u>to Company</u>
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Instructions:

1. If applicant is a member of an affiliate group, provide in a separate schedule the above data for the parent company.

## KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Quarterly and Annual Common Stock Information  
For the Periods as Shown

Period	Average No. of Shares Outstanding (000)	Book Value (\$)	Earnings per Share (\$)	Dividend Rate Per Share (\$)	Return on Average Common Equity (%)
5th Calendar Year:					
1st Quarter					
2nd Quarter					
3rd Quarter					
4th Quarter					
Annual					
4th Calendar Year:					
1st Quarter					
2nd Quarter					
3rd Quarter					
4th Quarter					
Annual					
3rd Calendar Year:					
1st Quarter					
2nd Quarter					
3rd Quarter					
4th Quarter					
Annual					
2nd Calendar Year:					
1st Quarter					
2nd Quarter					
3rd Quarter					
4th Quarter					
Annual					
1st Calendar Year:					
1st Quarter					
2nd Quarter					
3rd Quarter					
4th Quarter					
Annual					

Latest Available Quarter

## Instructions:

1. Report annual returns only.
2. If applicant is a member of an affiliate group, provide in a separate schedule the above data for the parent company.

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Common Stock - Market Price Information

Month

ITEM                                      January    February    March    April    May    June

5th Year:

Monthly High

Monthly Low

Monthly Closing Price

4th Year:

Monthly High

Monthly Low

Monthly Closing Price

3rd Year:

Monthly High

Monthly Low

Monthly Closing Price

2nd Year:

Monthly High

Monthly Low

Monthly Closing Price

Months to Date of Filings:

Monthly High

Monthly Low

Monthly Closing Price

Instructions:

1. Indicate all stock splits by date and type.
2. If applicant is a member of an affiliate group, provide in a separate schedule the above data for the parent company.





KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Computation of Fixed Charge Coverage Ratios  
For the Periods as Shown

	10th Calendar Year	9th Calendar Year	8th Calendar Year
	Bond or Mortg. Indenture	Bond or Mortg. Indenture	Bond or Mortg. Indenture
SEC Method	Require- ment	SEC Method	Require- ment

No. Item

Net Income  
Additions  
Itemize

Total Additions  
Deductions:  
Itemize

Total Deductions

Income Available for  
Fixed Charge Coverage

Fixed Charges

Fixed Charge Coverage  
Ratio

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Computation of Fixed Charge Coverage Ratios  
For the Periods as Shown

	7th Calendar Year	6th Calendar Year	5th Calendar Year
	Bond or	Bond or	Bond or
	Mortg.	Mortg.	Mortg.
	Indenture	Indenture	Indenture
	Require-	Require-	Require-
SEC	ment	ment	ment
Method		Method	Method

No. Item

Net Income  
Additions  
Itemize

Total Additions  
Deductions:  
Itemize

Total Deductions

Income Available for  
Fixed Charge Coverage

Fixed Charges

Fixed Charge Coverage  
Ratio

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Computation of Fixed Charge Coverage Ratios  
For the Periods as Shown

4th Calendar Year		3rd Calendar Year		2nd Calendar Year	
SEC	Bond or Mortg. Indenture Require- ment	SEC	Bond or Mortg. Indenture Require- ment	SEC	Bond or Mortg. Indenture Require- ment
Method		Method		Method	

No. Item

Net Income  
Additions  
Itemize

Total Additions  
Deductions:  
Itemize

Total Deductions

Income Available for  
Fixed Charge Coverage

Fixed Charges

Fixed Charge Coverage  
Ratio

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Computation of Fixed Charge Coverage Ratios  
For the Periods as Shown

1st Calendar Year		Test Year	
Bond or		Bond or	
Mortg.		Mortg.	
Indenture		Indenture	
SEC	Require-	SEC	Require-
<u>Method</u>	ment	Method	ment

No. Item

Net Income  
Additions  
Itemize

Total Additions  
Deductions:  
Itemize

Total Deductions

Income Available for  
Fixed Charge Coverage

Fixed Charges

Fixed Charge Coverage  
Ratio

Format 11n

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

SUMMARY OF CUSTOMER DEPOSITS

Test Year

Line No.	Month (a)	Receipts (b)	Refunds (c)	Balance (d)
1.	Balance beginning of test year			
2.	1st Month			
3.	2nd Month			
4.	3rd Month			
5.	4th Month			
6.	5th Month			
7.	6th Month			
8.	7th Month			
9.	8th Month			
10.	9th Month			
11.	10th Month			
12.	11th Month			
13.	12th Month			
14.	Total (L1 through L13)			
15.	Average Balance (L14 ÷ 13)			
16.	Amount of deposits received during test period			
17.	Amount of deposits refunded during test period			
18.	Number of deposits on hand end of test year			
19.	Average amount of deposit (L15, Column (d) ÷ L18)			
20.	Interest paid during test period			

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF THE  
PRECEDING YEAR

Account Title and 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th  
Account Number Month Month Month Month Month Month Month Month Month Month Month Month Total

Test Year  
Prior Year  
Increase  
(Decrease)

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

ANALYSIS OF SALARIES AND WAGES

For the Calendar Years 19 Through 19  
And the Test Year

(000's)

Line No.	Item (a)	12 Months Ended						Test Year (m)				
		5th	4th	3rd	2nd	1st	Year					
	Amount (b)	Amount (c)	Amount (d)	Amount (e)	Amount (f)	Amount (g)	Amount (h)	Amount (i)	Amount (j)	Amount (k)	Amount (l)	Amount (m)
Calendar years prior to Test Year												

1. Wages charged to expense:

- 2. Source of Supply
  - (a) operation
  - (b) maintenance

- 3. Pumping
  - (a) operation
  - (b) maintenance

- 4. Transmission and Distribution
  - (a) operation
  - (b) maintenance

5. Customer accounts expense

6. Sales expenses

- 7. Administrative and general expenses:
  - (a) Administrative and general salaries
  - (b) Office supplies and expense
  - (c) Administrative expense transferred-cr.
  - (d) Outside services employed
  - (e) Property insurance
  - (f) Injuries and damages

Line No.	Item (a)	12 Months Ended							Test Year Amount (l)		
		Calendar years Prior to Test Year					1st	Test Year			
		5th	4th	3rd	2nd	1st					
Amount (b)	\$ (c)	Amount (d)	\$ (e)	Amount (f)	\$ (g)	Amount (h)	\$ (i)	Amount (j)	\$ (k)	Amount (l)	\$ (m)

7. Administrative and general expenses (continued):

- (g) Employees pensions and benefits
- (h) Franchise requirements
- (i) Regulatory commission expenses
- (j) Duplicate charges-cr.
- (k) Miscellaneous general expense
- (l) Rents
- (m) Maintenance of general plant

8. Total administrative and general expenses L7(a) through L7(m)

9. Total salaries and wages charged expense (L2 through L6 + L8)

10. Wages capitalized

11. Total Salaries and wages

12. Ratio of salaries and wages charged expense to total wages (L9 + L11)

13. Ratio of salaries and wages capitalized to total wages (L12 + L13)

Note: Show percentage increase of each year over the prior year in Columns (c), (e), (g), (i), (k), and (m).



KENTUCKY-AMERICAN WATER COMPANY  
Commonwealth of Kentucky  
Case No. 9482  
RECONCILIATION OF BOOK NET INCOME AND FEDERAL TAXABLE INCOME  
12 Months Ended

<u>Line No.</u>	<u>Item</u>	<u>Ky. Combined (a)</u>	<u>Ky. Jurisdictional (b)</u>
1.	Net income per books		
2.	Add income taxes:		
3.	A. Federal income tax-Current		
4.	B. Federal income tax deferred- Depreciation		
5.	C. Federal income tax deferred- Other		
6.	D. Investment tax credit adjustment		
7.	E. Federal income taxes charged to other income and deductions		
8.	F. State income taxes		
9.	G. State income taxes charged to other income and deductions		
10.	Total		
11.	Flow through items:		
12.	Add (itemize)		
13.	Deduct (itemize)		
14.	Book taxable income		
15.	Differences between book taxable income and taxable income per tax return:		
16.	Add (itemize)		
17.	Deduct (itemize)		
18.	Taxable income per return		

- NOTE:
- (1) Provide a calculation of the amount shown on lines 3 through 7 above.
  - (2) Provide work papers supporting each calculation including the depreciation schedules for straight-line tax and accelerated tax depreciation.
  - (3) Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above.

KENTUCKY-AMERICAN WATER COMPANY  
Commonwealth of Kentucky  
Case No. 9482  
RECONCILIATION OF BOOK NET INCOME AND STATE TAXABLE INCOME  
12 Months Ended

<u>Line No.</u>	<u>Item</u>	<u>Ky. Combined (a)</u>	<u>Ky. Jurisdictional (b)</u>
1.	Net income per books		
2.	Add income taxes:		
3.	A. Federal income tax-Current		
4.	B. Federal income tax deferred-Depreciation		
5.	C. Federal income tax deferred-Other		
6.	D. Investment tax credit adjustment		
7.	E. Federal income taxes charged to other income and deductions		
8.	F. State income taxes		
9.	G. State income taxes charged to other income and deductions		
10.	Total		
11.	Flow through items:		
12.	Add (itemize)		
13.	Deduct (itemize)		
14.	Book taxable income		
15.	Differences between book taxable income and taxable income per tax return:		
16.	Add (itemize)		
17.	Deduct (itemize)		
18.	Taxable income per return		

- NOTE:
- (1) Provide a calculation of the amount shown on lines 8 through 9 above.
  - (2) Provide work papers supporting each calculation including the depreciation schedules for straight-line tax and accelerated tax depreciation.
  - (3) Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above.

KENTUCKY-AMERICAN WATER COMPANY

Format 20b

Case No. 9482

Analysis of Other Operating Taxes  
12 Months Ended

\*000 Omitted\*

<u>Line No.</u>	<u>Item</u>	<u>Charged Expense (a)</u>	<u>Charged to Construction (b)</u>	<u>Charged to Other Accounts (c)</u>	<u>Amount Accrued (d)</u>	<u>Amount Paid (e)</u>
1.	Kentucky Retail:					
	(a) State Income					
	(b) Gross Receipts*					
	(c) Ad Valorem (Property)					
	(d) Payroll (Employer's Portion)					
	(e) Other Taxes					
2.	Total Kentucky Retail [L1(a) through L1(d)]					
3.	Other Jurisdictions					
	Total Per Books (L2 + L3)					

Instructions:

\*Actual payments for test year should be shown under the amount paid column.

1. Explain items in column (c).

## KENTUCKY-AMERICAN WATER COMPANY

Commonwealth of Kentucky

Case No. 9482

NET INCOME PER 100,000 CUBIC FEET OF WATER  
(TOTAL COMPANY)

Account No.	Item (a)	Calendar Years					Test
		Prior to 5th (b)	Test 4th (c)	Year 3rd (d)	2nd (e)	1st (f)	Year (g)
400	Operating Revenue						
	Operating Expenses						
401	Operating Expense						
402	Maintenance Expense						
403	Depreciation Expense						
404	Amortization of Limited-Term Utility Plant						
405	Amortization of Other Utility Plant						
406	Amortization of Utility Plant Acquisition Adjustments						
407	Amortization of Property Losses						
408.1	Taxes Other Than Income Taxes Utility Operating Income						
409.9	Income Taxes Utility Operating Income						
410.1	Provision for Deferred Income Taxes Utility Operating Income						
411.1	Income Taxes Deferred In Prior Years -- Credit Utility Operating Income						
412.1	Investment Tax Credits Utility Operations Deferred to Future Periods						
412.2	Investment Tax Credits Utility Operations Restored to Operating Income						
	Total Operating Expenses						
	Operating Income						
413	Income from Utility Plant Leased to Others						
414	Gains (Losses) from Disposition of Utility Property						
	Total Utility Operating Income						
	Other Income						
	Other Income Deductions						
	Taxes Applicable to Other Income and Deductions						
	Interest Charges						
	Extraordinary Items						

KENTUCKY-AMERICAN WATER COMPANY

CASE NO. 9482

Comparative Operating Statistics  
Test Year Ending \_\_\_\_\_

(000's)

12 Months Ended

Line No.	Item (a)	Calendar years Prior to Test Year										Test Year (m)
		5th	4th	3rd	2nd	1st	Year	Amount	Amount	Amount	Amount	
	Amount (b)	% (c)	Amount (d)	% (e)	Amount (f)	% (g)	Amount (h)	% (i)	Amount (j)	% (k)	Amount (l)	% (m)

1. Operating Expenses as a Percentage of:
2. Gross operating revenues  
(include uncollectibles)
3. Total operation and maintenance expense  
(excluding depreciation)
4. Gross plant in service (end-of-period)

7. Operating Expenses Per:
8. Average number of customers
9. 1000 Gallons water sold

10. Materials and Supplies
11. Materials and supplies as a percentage of  
gross plant in service, both on an  
end-of-period basis
12. Average materials and supplies per  
1000 gallons of water sold
13. Average materials and supplies per  
1000 gallons of water sold
14. Average materials and supplies per  
1000 gallons of water sold
15. Average materials and supplies per  
1000 gallons of water sold

16. Wages and Salaries as a Percentage of:
17. Gross operating revenues
18. Total operating expenses excluding  
depreciation and amortization
19. depreciation and amortization

KENTUCKY-AMERICAN WATER COMPANY

CASE NO. 9482

Comparative Operating Statistics  
Test Year Ending \_\_\_\_\_

(000's)

Line No.	Item (a)	12 Months Ended					Test Year (m)
		Calendar Years Prior to Test Year					
		5th	4th	3rd	2nd	1st	
		Amount (b)	Amount (c)	Amount (d)	Amount (e)	Amount (f)	Amount (g)
20.	<u>Depreciation Expenses:</u>						
21.	Per \$100 of average gross plant in service						
22.	<u>Property Taxes:</u>						
23.	Per \$100 of average gross plant in service						
24.	<u>Interest Expenses:</u>						
25.	Per \$100 of average debt outstanding						
26.	Per \$100 of average plant investment						

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

Average Water Plant Service by Account Per 100,000 Cu. Feet Sold

For the Calendar Year 19      Through 19      and the Test Year Ended  
(Total Company)

Account Number	Title of Accounts (a)	12 Month Ended					Test Year
		Calendar Years Prior to Test Year					
		5th	4th	3rd	2nd	1st	
		(b)	(c)	(d)	(e)	(f)	(g)

Intangible Plant

- 301. Organization
- 302. Franchises and Consents
- 303. Miscellaneous Intangible Plant

Sources of Supply Plant

- 310. Land and Land Rights
- 311. Structures and Improvements
- 312. Collecting and Impounding Reservoirs
- 313. Lake, River and Other Intakes
- 314. Wells and Springs
- 315. Infiltration Galleries and Tunnels
- 316. Supply Mains
- 317. Other Water Source Plant

Pumping Plant

- 320. Land and Land Rights
- 321. Structures and Improvements
- 322. Boiler Plant Equipment
- 323. Other Power Production Equipment

Account Number	Title of Accounts (a)	12 Month Ended					Test Year (g)
		5th (b)	4th (c)	3rd (d)	2nd (e)	1st (f)	

- 324. Steam Pumping Equipment
- 325. Electric Pumping Equipment
- 326. Diesel Pumping Equipment
- 327. Hydraulic Pumping
- 328. Other Pumping Equipment

Water Treatment Plant

- 330. Land and Land Rights
- 331. Structures and Improvements
- 332. Water Treatment Equipment

Transmission and Distribution Plant

- 340. Land and Land Rights
- 341. Structures and Improvements
- 342. Distribution Reservoirs and Standpipes
- 343. Transmission and Distribution Mains
- 344. Fire Mains
- 345. Services
- 346. Meters
- 347. Meter Installations
- 348. Hydrants
- 349. Other Transmission and Distribution Plant

General Plant

- 389. Land and Land Rights
- 390. Structures and Improvements
- 391. Office Furniture and Equipment
- 392. Transportation Equipment
- 393. Stores Equipment
- 394. Tools, Shop and Garage Equipment
- 395. Laboratory Equipment
- 396. Power Operated Equipment
- 397. Communication Equipment
- 398. Miscellaneous Equipment
- 399. Other Tangible Property



KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

STATEMENT OF WATER PLANT IN SERVICE

12 Months Ended  
(Total Company)

Account Number	Title of Account (a)	Beginning Balance (b)	Additions (c)	Retirements (d)	Transfers (e)	Ending Balance (f)
<u>Intangible Plant</u>						
301.	Organization					
302.	Franchises and Consents					
303.	Miscellaneous Intangible Plant					
<u>Sources of Supply Plant</u>						
310.	Land and Land Rights					
311.	Structures and Improvements					
312.	Collecting and Impounding Reservoirs					
313.	Lake, River and Other Intakes					
314.	Wells and Springs					
315.	Infiltration Galleries and Tunnels					
316.	Supply Mains					
317.	Other Water Source Plant					
<u>Pumping Plant</u>						
320.	Land and Land Rights					
321.	Structures and Improvements					
322.	Boiler Plant Equipment					
323.	Other Power Production Equipment					

<u>Account Number</u>	<u>Title of Account</u> (a)	<u>Beginning Balance</u> (b)	<u>Additions</u> (c)	<u>Retirements</u> (d)	<u>Transfers</u> (e)	<u>Ending Balance</u> (f)
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- 324. Steam Pumping Equipment
- 325. Electric Pumping Equipment
- 326. Diesel Pumping Equipment
- 327. Hydraulic Pumping
- 328. Other Pumping Equipment

Water Treatment Plant

- 330. Land and Land Rights
- 331. Structures and Improvements
- 332. Water Treatment Equipment

Transmission and Distribution Plant

- 340. Land and Land Rights
- 341. Structures and Improvements
- 342. Distribution Reservoirs and Standpipes
- 343. Transmission and Distribution Mains
- 344. Fire Mains
- 345. Services
- 346. Meters
- 347. Meter Installations
- 348. Hydrants
- 349. Other Transmission and Distribution Plant

General Plant

- 389. Land and Land Rights
- 390. Structures and Improvements
- 391. Office Furniture and Equipment
- 392. Transportation Equipment
- 393. Stores Equipment
- 394. Tools, Shop and Garage Equipment
- 395. Laboratory Equipment
- 396. Power Operated Equipment
- 397. Communication Equipment
- 398. Miscellaneous Equipment
- 399. Other Tangible Property

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

ACCOUNT 913 - ADVERTISING EXPENSE

For the 12 Months Ended

(Total Company)

Line No	Item (a)	Sales or Promotional Advertising (b)	Institutional Advertising (c)	Conservation Advertising (d)	Rate Case (e)	Other (f)	Total (g)
1.	Newspaper						
2.	Magazines and Other						
3.	Television						
4.	Radio						
5.	Direct Mail						
6.	Sales Aids						
7.	Total						
8.	Amount Assigned to Ky. Retail						

## KENTUCKY-AMERICAN WATER COMPANY

CASE NO. 9482

## ACCOUNT 930 - MISCELLANEOUS GENERAL EXPENSES

For the 12 Months Ended

(Total Company)

(000's)

Line No.	Item (a)	Amount (b)
1.	Industry Association Dues	
2.	Stockholder and Debt Servicing Expenses	
3.	Institutional Advertising	
4.	Conservation Advertising	
5.	Rate Department Load Studies	
6.	Water, and Other Testing and Research	
7.	Directors' Fees and Expenses	
8.	Dues and Subscriptions	
9.	Miscellaneous	
10.	Total	
11.	Amount Assigned to Ky. Retail	

Format 25c

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

ACCOUNT 426 - MISCELLANEOUS INCOME DEDUCTIONS

For the 12 Months Ended

(Total Company)

(000's)

Line No.	Item (a)	Amount (b)
1.	Donations	
2.	Civic Activities	
3.	Political Activities	
4.	Other	
5.	Total	
6.	Amount Assigned to Ky. Retail	

KENTUCKY-AMERICAN WATER COMPANY

CASE NO. 9482

Professional Service Expenses

For the Twelve Months Ended

Line No.	Item	Rate Case	Annual Audit	Other	Total
1.	Legal				
2.	Engineering				
3.	Accounting				
4.	Other				
5.	Total				

## KENTUCKY-AMERICAN WATER COMPANY

Case No. 9482

## AVERAGE RATES OF RETURN

For the Calendar Years                      Through                      and the 12 Months Ended

Line No.	Calendar Years Prior to Test Year (a)	Total Company (b)	Ky. Jurisdiction (c)	Other Jurisdictions (d)
1.	Original Cost Net Investment:			
2.	5th Year			
3.	4th Year			
4.	3rd Year			
5.	2nd Year			
6.	1st Year			
7.	Test Year			
8.	Original Cost Common Equity:			
9.	5th Year			
10.	4th Year			
11.	3rd Year			
12.	2nd Year			
13.	1st Year			
14.	Test Year			

NOTE: Provide work papers in support of the above calculations.





Calendar Years Prior to Test Year (A)	Administrative and General		Construction		Total	
	No. Hrs. (N)	Wages (O)	No. Hrs. (R)	Wages (S)	No. Hrs. (T)	Wages (U)
5th Year						
% Change						
4th Year						
% Change						
3rd Year						
% Change						
2nd Year						
% Change						
1st Year						
% change						
Test Year						
% Change						

- NOTE:
- (1) Where an employee's wages are charged to more than one function include employee in function receiving largest portion of total wages.
  - (2) Show percent increase (decrease) of each year over the prior year on lines designated above " % Change."
  - (3) Employees, weekly hours per employee, and weekly wages per employee for the week including December 31, of each year and the last day of the test year.