COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

* * * * *

In the Matter of:

NOTICE OF ADJUSTMENT OF RATES OF KENTUCKY-AMERICAN WATER COMPANY CASE NO. 9922

ORDER

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 the information cannot be provided by this date, you should submit a motion for an extension of time stating the reason delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission.

- 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
- 1. Unamortized investment credit Revenue Act of 1971
- m. Accumulated deferred income taxes
- n. A summary of customer deposits as shown in Format lln 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.
- 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 subaccount 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. a. 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.
 - b. Provide the amount of excess deferred federal income

taxes resulting from the reduction in the corporate tax rate from 46 percent to 40 percent and from 46 percent to 34 percent, as of the end of the test year.

- 20. The following tax data for the test year for total company and Kentucky. (Provide supporting documentation and/or calculations.)
 - 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.
- c. Provide Federal book and tax expense for both the blended 40 percent rate and the 34 percent rate; also provide any supporting documentation.
- 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. At 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 1986.
- d. Total expenditures of each organization during 1986 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 18th day of May, 1987.

PUBLIC SERVICE COMMISSION

For the Commission

ATTEST:

Executive Director

Case No. 9922

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown

000 Omitted

No. Type of Capital 10th Year Amount Ratio 9th Year Amount Ratio

Long Term Debt

Short Term Debt

8th Year Amount Fatio

٠ Common Equity

Preferred & Preference Stock

ŗ Other (Itemize by type)

6 Total Capitalization

Case No. 9922

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown

000 Onitted

So. Eine
Type of Capital
7th Year Amount Ratio
6th Year Amount Ratio
5th Year Amount Ratio

4. Preferred & Preference Stock Common Equity

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'n

Short Term Debt

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Long Term Debt

ÿ Other (Itemize by type)

6. Total Capitalization

Case No. 9922

Comparative Capital Structures (Excluding JDIC)

For the Periods as Shown

"000 Qmitted"

Line No.
Type of Capital
4th Year Amount Ratio
3rd Year Amount Ratio
2nd Year Amount Ratio

Ņ Common Equity Preferred & Preference Stock Short Term Debt Long Term Debt

Total Capitalization

Other (Itemize by type)

Case No. 9922

Comparative Capital Structures (Excluding JDIC)

Por the Periods as Shown

"000 Omitted"

Average
Test Year
Amount Ratio

No. Type of Capital

Common Equity Preferred & Preference Stock

Short Term Debt

Long Term Debt

Other (Itemize by type)

Total Capitalization

Format 1 Schedule 1 Page 5 of 5

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9922

Comparative Capital Structures (Excluding JDITC)

For the Periods as Shown

"000 Omitted"

Line No.	Type of Capital	Latest Avail	able 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.

Case No. 9922

Calculation of Average Test Period Capital Structure 12 Months Ended

"000 Omitted"

3 Line (a) Capital (b) Total wiel-fuor O Dept Short-Term <u>a</u> Debt Preferred Stock (e) Common Stock (f) Retained Earnings (g) Common Equity (h) Total

- Balance beginning of test year
- 1st Month 2nd Month
- 3th Month 4th Month
- 6th 5th Month Month
- 7th Month
- 8th Month 9th Month
- 10th Month
- 1. 2. 3. 4. 4. 4. 5. 6. 7. 11. 11. 11. 11. 11th Month 12th Month
- 14. Total (L1 through L13)
- 15. Average balance (L14 + 13)
- 16. Average capitalization ratios
- 17. End-of-period capitalization ratios

Instructions:

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

Schedule 1 Format 2a

Case No. 9922

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

Type of Debt Issue (a) (b) Date of Amount Interest Party Outstanding Rate Party (d) At Issue 2 Rate to (f) (g) Cost 085 of Issue (h) Bond Rating At Time $\frac{\text{Obligation } \text{Col.}(d) \times \text{col.}(g)}{(1)}$

Annualized Cost

No.

Total Long-Term Debt and Annualized Cost

Annualized Oost Rate [Total Col. (j) + Total Col.(d)]

Nominal Rate
Nominal Rate Plus Discount or Premium Amortization
Nominal Rate Plus Discount or Premium Amortization and Issuance Cost

Case No. 9922

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

Type of Debt Issue Date (b) õ Maturity Outstanding (c) (d) Date ဇ္ဂ Amount Interes Coupon Rate (e) At Issue 2 Rate Cost Rate to 3 88 (g) of Issue Bond Rating At Time (H) $\frac{\text{obligation } \text{col.(d)} \times \text{col.(g)}}{\text{(i)}}$ of the Annual ized Test Year Interest₅ Actual E S

5 Line

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]

5 4 W D H Nominal Rate Plus Discount or Premium Amortization and Issuance Cost Nominal Rate Plus Discount or Premium Amortization Nominal Rate

Standard and Poor's, Moody, etc.

Sum of Accrued Interest Amortization of Discount or Premium and Issuance Cost

CASE NO. 9922

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:

- 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.

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Instructions:
In all instances where the Effective Interest Cost Rate is different from the Numinal Interest Rate provide a
                                                                                                                                                                                                                                                                                                              SE ZE
                                                                    Test Year Interest Cost Rate [Actual Interest + Average Short-Term Debt] [Report in Col. (f) of this schedule]
                                                                                                  Average Short-Term Debt - Format 1, Schedule 2
Line 15 Col. (d) [Report in Col. (g) of this Schedule]
                                                                                                                    Actual Interest Paid or Accured on Short Term
Debt during the Test Year [Report in Col. (g) of this schedule]
                                                                                                                                                      Annualized Cost Rate [Total Col. (g) + Total Col.(d)]
                                                                                                                                                                                              Total Short-Term Debt
                                                                                                                                                                                                                                                                                        Type of Debt
Instrument
(a)
                                                                                                                                                                                                                                                                               (b) Lessue
                                                                                                                                                                                                                                                                                                      For the Test Year Ended Deby
                                                                                                                                                                                                                                                                        Maturity
                                                                                                                                                                                                                                                                                                                                                RENTUCKY-MERICAN WATER COMPANY
                                                                                                                                                                                                                                                                                                                                       Case No. 9922
                                                                                                                                                                                                                                                               Amount Outstanding (d)
                                                                                                                                                                                                                                                                  Interest
                                                                                                                                                                                                                                                    e Rate
                                                                                                                                                                                                                                                                          Nominal
                                                                                                                                                                                                                                            Effective Interest Cost Rate (f)
                                                                                                                                                                                                                                                                                                                                                  Format 25
                                                                                                                                                                                                                           Interest Cost Col.(d)xCol.(f)
                                                                                                                                                                                                                                                     Armali 20d
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Case No. 9922

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

(b) Date of Amount Sold (c) Amount Outstanding (d) Dividend Rate e Cost Rate at Issue (f) $\infty 1.(f) \times \infty 1.(d)$ Annualized 8 convertibility (h)

No.

Description of Issue

Total

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

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

Case No. 9922

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

| Description of Issue |
|---|
| Date of Issue (b) |
| Amount Sold (c) |
| Amount
Outstanding
(d) |
| Dividend (Rate |
| Cost Rate at Issue (f) |
| Annualized Cost Col.(f) x Col.(d) (g) |
| Actual
Test Year
Cost
(h) |
| Actual Test Year Convertibility Cost Features (h) (1) |

No Eine

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.

Case No. 9922

Schedule of Common Stock Issue

For the 10 Year Period Ended_

Number of Shares Issued Price Per Share to Public

Issue

DATE OF

Registration

Share (Net to Company) Price Per Book Value Per Share At Date of Issue

Selling Exps. Issue Amount to Company Proceeds **T**

Instructions:

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

Format 4b

KENTUCKY-AMERICAN WATER COMPANY

Case No. 9922

Quarterly and Annual Common Stock Information For the Periods as Shown

| | Average | | Earnings | Dividend | Return on |
|--------|---------------|-------|----------|-----------|---------------|
| | No. of Shares | Book | per | Rate | Average |
| Period | Outstanding | Value | | Per Share | Common Equity |
| | (000) | (\$) | (\$) | (\$) | (%) |

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.

Case No. 9922

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 Righ

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.

Case No. 9922

Common Stock - Market Price Information

Month

Item

July August September October November December

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.

Case No. 9922

Computation of Fixed Charge Coverage Ratios For the Periods as Shown

| 10th (| Calendar Year | 9th Cal | lendar Year | 8th Cal | endar Year |
|--------|---------------|---------|-------------|---------|------------|
| | Bond or | | Bond or | | Bond or |
| | Mortg. | | Mortg. | | Mortg. |
| | Indenture | | Indenture | | Indenture |
| SEC | Require- | SEC | Require- | SEC | Require- |
| Method | ment | Method | 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

Case No. 9922

Computation of Fixed Charge Coverage Ratios For the Periods as Shown

| 7th Ca | lendar Year | 6th Cal | lendar Year | 5th Cal | endar Year |
|--------|-------------|---------|-------------|---------|------------|
| | Bond or | | Bond or | | Bond or |
| | Mortg. | | Mortg. | | Mortg. |
| | Indenture | | Indenture | | Indenture |
| SEC | Require- | SEC | Require- | SEC | Require- |
| Method | ment | Method | 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

Case No. 9922

Computation of Fixed Charge Coverage Ratios For the Periods as Shown

| 4th Ca | lendar Year | 3rd Cal | endar Year | 2nd Cal | endar Year |
|--------|-------------|---------|------------|---------|------------|
| | Bond or | | Bond or | | Bond or |
| | Mortg. | | Mortg. | | Mortg. |
| | Indenture | | Indenture | | Indenture |
| SEC | Require- | SEC | Require- | SEC | Require- |
| Method | ment | Method | 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

Case No. 9922

Computation of Fixed Charge Coverage Ratios For the Periods as Shown

| lst Ca | lendar Year | Tes | t Year |
|--------|-------------|--------|-----------|
| | Bond or | | Bond or |
| | Mortg. | | Mortg. |
| | Indenture | | Indenture |
| SEC | Require- | SEC | Require- |
| Method | 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. 9922

SUMMARY OF CUSTOMER DEPOSITS

Test Year

| Line | 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 (Ll thro | ugh L13) | | |
| 15. | Average Balance (L14 | ÷ 13) | | |
| 16. | Amount of deposits r | eceived during | test period | |
| 17. | Amount of deposits r | efunded during | test period | |
| 18. | Number of deposits of | on hand end of | test year | |
| 19. | Average amount of de | eposit (L15, Co | lumn (d) + L1 | 8) |
| 20. | Interest paid during | test period | | |

Case No. 9922

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

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

Test Year Prior Year Increase (Decrease)

Case No. 9922

ANALYSIS OF SALARIES AND WAGES

For the Calendar Years 19
And the Test Year Through 19

(000's)

Amount (d) \$ Calendar years Prior to Test Year • Amount (f) ă <u>@</u> 12 Months Ended (h) (j) Amount (1) Year Test

Line 8

l. Wages charged to expense:

Item (a)

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

maintenance

Pumping

(a) operation(b) maintenance

4. Transmission and Distribution

operation

maintenance

5. Customer accounts expense

6. Sales expenses

Administrative and general expenses:

Administrative and general salaries

9 Office supplies and

expense

<u>0</u> Administrative expense transferred-cr.

(e) <u>a</u> Property insurance Outside services employed

(£) Injuries and damages

Format 18c Page 2 of 2

Line 3 Item (a)

| ist Amount (k) | Amount (1) | years Prior to 3rd Amount 9 | Calerdar 4th Amount 8 (d) (e) | Sth
Amount 8 |
|----------------|------------|-----------------------------|-------------------------------|-----------------|
|----------------|------------|-----------------------------|-------------------------------|-----------------|

Year Test

8

- 7. Administrative and general expenses (continued):
- **(g)** Employees pensions and benefits
- EE Franchise requirements
- £G. expenses Duplicate charges-cr. Regulatory commission
- expense Miscellaneous general
- Rents
- 3 8 plant Maintenance of general
- 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 Commorwealth of Kentucky

Case No. 9922

RECONCILIATION OF BOOK NET INCOME AND FEDERAL TAXABLE INCOME 12 Months Ended

| No. |
|------------------------|
| Item |
| |
| Ky.
Combined
(a) |
| Ry. Jurisdictional (b) |

- 2. Net income per books
- Add income taxes:
- Rederal income tax-Current
- B > Federal income Depreciation tax deferred-
- ဂ Federal income tax deferred-Other

5

- 7.6 Investment tax credit adjustment
- in D Federal income taxes charged to other income and deductions
- State income taxes
- ဂ္ State income taxes charged to other income and deductions
- Total

10.

9 8

- 11. Flow through items:
- 12. Add (itemize)
- Deduct (itemize)
- 13. Book taxable income
- 14. Differences between book taxable income
- and taxable income per tax return:
- 16. Add (itemize)
- Deduct (itemize)
- 18. 17. Taxable income per return
- NOTE: 9 9 9
- Provide a calculation of the amount shown on Lines 3 through 7 above. Provide work papers supporting each calculation including the depreciation. depreciation schedules for straight-line tax and accelerated tax
- <u>(w</u> Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above.

KETNUCKY-AMERICAN WATER COMPANY Commonwealth of Kentucky

Case No. 9922

RECONCILIATION OF BOOK NET INCOME AND STATE TAXABLE INCOME 12 Months Ended

| 8 | |
|--------------------|----------|
| Item | |
| | |
| Cambined (a) | ? |
| Jurisdictional (b) | 4 |

- Net income per books
- Add income taxes:
- ≯ Federal income tax-Current Federal income
- Depreciation tax deferred-
- Ç Federal income tax deferred-Other

5

- Ö Investment tax credit adjustment
- 7.6 m Federal income taxes charged to other income and deductions
- State income taxes

9 8

- ဂ္ State income taxes charged to other income and deductions
- Total

10.

- 13. 13. Flow through items:
 - Add (itemize)
- Deduct (itemize)
- 14. Book taxable income
 Differences between book taxable income and taxable income per tax return:
- 16. Add (itemize)

17.

- Deduct (itemize)
- NOIE: 18. Taxable income per return
- 22 Provide a calculation of the amount shown on Lines 8 through 9 above. Provide work papers supporting each calculation including the depreciation schedules for straight-line tax and accelerated tax depreciation.
- (U Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above.

Case No. 9922

Analysis of Other Operating Taxes 12 Months Ended

000 Omitted

No. Item Charged Expense (a) Charged to Construction (b) Charged to Other Accounts (c) Amount Accrued
(d) Paid (e)

- Kentucky Retail:
- (a) State Income
- (b) Gross Receipts*
- (c) Ad Valorem (Property)
- (d) Payroll (Employer's Portion)
- (e) Other Taxes
- 2. Total Kentucky Retail
 [Ll(a) through Ll(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).

Commonwealth of Kentucky

Case No. 9922

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

| | | Calendar Years | Test | | |
|--------|--|------------------------|---------|--|--|
| Accoun | t | Prior to Test Year | Year | | |
| No. | Item | 5th 4th 3rd 2nd 1st | | | |
| | (a) | (b) (c) (d) (e) (f) | (g) | | |
| 400 | Operating Revenue | | | | |
| 407 | Operating Expenses | | | | |
| 401 | Operating Expense | | | | |
| 402 | Maintenance Expense | | | | |
| 403 | Depreciation Expense | | | | |
| 404 | Amortization of Limited-Term Utility Plant Amortization of Other Utility Plant | | | | |
| 405 | | | | | |
| 406 | Amortization of Utility Plant Acquisition Adjustments | | | | |
| 407 | Amortization of Property Losses Tayes Other Than Income Tayes Utility Operating Income | | | | |
| 408.1 | Tanton deliver triain tribania tanton delitary apartid tribania | | | | |
| | Income Taxes Utility Operating Income Provision for Deferred Income Taxes Utility Operating Income | | | | |
| 410.1 | Income Taxes Deferred In Prior Years — | | | | |
| 411.1 | | | | | |
| 410 1 | Credit Utility Operating Incom | | | | |
| 412.2 | Investment Tax Credits Utility Operations Deferred to Future Periods Investment Tax Credits Utility Operations Restored to | | | | |
| 412.02 | Operating Income | operations restored to | | | |
| | Total Operating Expenses | | | | |
| | Operating Income | | | | |
| 413 | Income from Utility Plant Leas | sed to Others | | | |
| 414 | Gains (Losses) from Disposition | | | | |
| | Total Utility Operating Income | | | | |
| | Other Income | | | | |
| | Other Income Deductions | | | | |
| | Taxes Applicable to Other Inco | ome and Deductions | | | |
| | Interest Charges | | | | |
| | Extraordinary Items | | | | |
| | | | | | |

CASE NO. 9922

Test Year Ending Comparative Operating Statistics

(000's)

Amount (b) <u>0</u> Amount (d) 4th Calendar years Prior to Test Year @ 0 Amount (f) ه (6 12 Months Ended Amount (h) **=** (j) Ist 3 Amount (1) Year Test 8

94464 Operating Expenses as a Percentage of: Line

₹

(a)

- Gross operating revenues
- (include uncollectibles)
- Total operation and maintenance expense
- (excluding depreciation)
- Gross plant in service (end-of-period)
- 7.
- တ္ ထ Operating Expenses Per:
 Average number of customers
- 1000 Gallons water sold
- 13.13. Materials and Supplies as a percentage of
 - gross plant in service, both on an
- end-of-period basis
- 14. Average materials and supplies per 1000 gallons of water sold
- 16. 17. Wages and Salaries as a Percentage of: Gross operating revenues
- Total operating expenses excluding
- depreciation and amortization

CASE NO. 9922

Comparative Operating Statistics Test Year Ending

Depreciation Expenses:
Per \$100 of average gross plant in service Item (a) Amount (b) Amount (d) 12 Months Ended Calendar years Prior to Test Year 4th (0) **(a)** (8,000) Amount (f) (g) Amount (h) F # Amount (j) ist **E**

Amount (1)

E

Year Test

So.

20.

22**.** 23.

Property Taxes:
Per \$100 of average gross plant in service

24. 25. 26. Per \$100 of average plant investment

Case No. 9922

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)

| (b) (c) | 5th 4th | | Calendar | |
|---------|---------|------|----------------------------------|---------------|
| (b) | 3rd | | alendar Years Prior to Test Year | |
| (e) (f | 2nd 1st | | ior to 1 | 12 Hon |
|) | * | | est Year | th Ended |
| (g) | Year | Test | | |

Franchises and Consents Organization

Intangible Plant

Number Account

Title of Accounts

(a)

301. Miscellaneous Intangible Plant

Sources of Supply Plant

- 310. 311. 312. 313. 314. 315. 316. Land and Land Rights

 - Structures and Improvements
 Collecting and Impounding Reservoirs
 - Lake, River and Other Intakes
 - Wells and Springs
 - Infiltration Galleries and Tunnels
 - Supply Mains
- Other Water Source Plant

Pumping Plant

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

| (a) | 5 | | | |
|----------|------|------|-----------------------------------|----------------|
| ତ | Ē | | ndar. | |
| 1 | 3 | | Years | |
| <u>e</u> | E | i | Prior | <u></u> |
| (£) | lst | | Calendar Years Prior to Test Year | 12 Month Ended |
| | | | Year | anded |
| | | | | |
| (g) | Year | Test | | |

Number Account Title of Accounts (a)

Electric Pumping Equipment Steam Pumping Equipment

32**4.** 325. 326. Diesel Pumping Equipment

327. 328. Hydraulic Pumping

Other Pumping Equipment

Water Treatment Plant

330. Land and Land Rights

Structures and Improvements

332. Water Treatment Equipment

Transmission and Distribution Plant

340. 341. Structures and Improvements Land and Land Rights

343. 342. Transmission and Distribution Mains Distribution Reservoirs and Standpipes

344. Fire Mains

345. Services

346. Meters

347. Meter Installations

348. Hydrants

Other Transmission and Distribution Plant

General Plant

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390. Structures and Improvements

391. Office Furniture and Equipment

392. 393. 394. Transportation Equipment

Stores Equipment

Tools, Shop and Garage Equipment

Laboratory Equipment

395. 396. 397. Power Operated Equipment

398. Miscellaneous Equiment Communication Equipment

Other Tangible Property

Case No. 9922

STATEMENT OF WATER PLANT IN SERVICE

12 Months Ended

Title of Account (a) Intangible Plant (Total Company) Balance (b) Beginning Additions (c) Retirements (d) Transfers (e) Ending Balance (f)

Organization

Number

Account

Franchises and Consents

301. 302. 303. Miscellaneous Intangible Plant

Sources of Supply Plant

Land and Land Rights

Structures and Improvements

310. 311. 312. 313. 314. 315. 317. Collecting and Impounding Reservoirs

Lake, River and Other Intakes

Wells and Springs

Infiltration Galleries and Tunnels

Supply Mains

Other Water Source Plant

Pumping Plant

Land and Land Rights

Structures and Improvements

Boiler Plant Equipment

320. 321. 322. 323. Other Power Production Equipment

Case No. 9922

ACCOUNT 913 - ADVERTISING EXPENSE

For the 12 Months Ended

(Total Company)

| Line
No | Item (a) | Sales or
Promotional
Advertising
(b) | | Conservation Advertising (d) | Rate
Case
(e) | Other (f) | Total (g) |
|------------|---------------------|---|--|------------------------------|---------------------|-----------|-----------|
| 1. | Newspa | per | | | | | |
| 2. | Magazines and Other | | | | | | |
| 3. | Television | | | | | | |
| 4. | Radio | | | | | | |
| 5. | Direct | t Mail | | | | | |
| 6. | Sales | Aids | | | | | |
| 7. | To | tal | | | | | |
| 8. | Amount
Ky. R | t Assigned to | | | | | |

CASE NO. 9922

ACCOUNT 930 - MISCELLANEOUS GENERAL EXPENSES

For the 12 Months Ended

(Total Company)

(000's)

| Line | Item | Amount |
|------|------|--------|
| No. | (a) | (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

Case No. 9922

ACCOUNT 426 - MISCELLANEOUS INCOME DEDUCTIONS

For the 12 Months Ended

(Total Company)

(000's)

| Line
No. | <u>Item</u>
(a) | Amount (b) |
|-------------|----------------------|------------|
| 1. | Donations | |
| 2. | Civic Activities | |
| 3. | Political Activities | |
| 4. | Other | |
| 5. | Total | |
| | | |

Amount Assigned to Ky. Retail

6.

CASE NO. 9922

Professional Service Expenses

For the Twelve Months Ended

| Line
No. | Item | Rate Case | Annual Audit | Other | Total |
|-------------|----------------|-----------|--------------|-------|-------|
| 1. | L <i>e</i> gal | | | | |
| 2. | Engineering | | | | |
| 3. | Accounting | | | | |
| 4. | Other | | | | |
| 5. | Total | | | | |

Case No. 9922

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 In | vestment: | | |
| 2. | 5th Year | | | |
| 3. | 4th Year | | | |
| 4. | 3rd Year | | | |
| 5. | 2nd Year | | | |
| 6. | lst Year | | | |
| 7. | Test Year | | | |
| 8. | Original Cost Common | Equity: | | |
| 9. | 5th Year | | | |
| 10. | 4th Year | | | |
| 11. | 3rd Year | | | |
| 12. | 2nd Year | | | |
| 13. | lst Year | | | |
| 14. | Test Year | | | |

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

Case No. 9922

SCHEDULE OF NUMBER OF EMPLOYEES, HOURS PER EMPLOYEE, AND AVERAGE WAGES PER EMPLOYEE

| Calendar Years Prior to Test Year (A) | 9 |
|--|--|
| Source of Supply No. Hrs. Wages (B) (C) (D) | SCHILL STATE OF THE STATE OF TH |
| Water Treatment No. Hrs. Wages (E) (F) (G) | |
| Transmission and Distribution No. Brs. Wages (H) (I) (J) | |
| Accounts and Sales No. Brs. Wages (K) (L) (M) | Oretomer |

5th Year

& Change

4th Year

& Change

3rd Year

% Change

2nd Year

1st Year

Change

Test Year

Change

& change

| <pre>% Change NOTE: (1) (2) (3)</pre> | Test Year | % change | lst Year | % Change | 2nd Year | & Change | 3rd Year | & Change | 4th Year | % Change | 5th Year | Calendar Years Prior to Test Year (A) |
|---|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| where an employee's wages are charged to more than one function include employee in function receiving largest portion of total wages. Show percent increase (decrease) of each year over the prior year on lines designated above "% Change." 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. | | | | | | | | | | | | Administrative and General No. Hrs. Wages (N) (O) (P) |
| ed to more than one fur
wages.
each year over the pri
e, and weekly wages per
last day of the test year | | | | | | | | | | | | Construction No. Hrs. Wages (Q) (R) (S) |
| ection include employee in function year on lines designated about the week including. | | | | | | | | | | | | No. Ars. Wages (T) (U) (V) |