COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN INVESTIGATION OF APPROPRIATE) ADMINISTRATIVE GUIDELINES FOR FILING FORECASTED) CASE NO. 331 TEST PERIODS)

ORDER

In recent Orders, the Commission announced its intent to issue guidelines for utility companies to use in filing rate cases based on a forecasted test period. Draft guidelines have been formulated by the Commission and they are set forth in Appendix A to this Order.

The Commission invites interested persons to submit comments addressing the draft guidelines in Appendix A. All comments should be in writing and filed within 45 days after the date of this Order.

BE IT SO ORDERED.

Done at Frankfort, Kentucky, this 31st day of October, 1989.

PUBLIC SERVICE COMMISSION

Chairman

Vice Chairman

ATTEST:

Commiss

Executive Director

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN ADMINISTRATIVE CASE NO. 331, DATED 10/31/89

GUIDELINES FOR FILING FORECASTED TEST PERIODS

In its recent Orders in the rate cases of Kentucky-American and Columbia Gas of Kentucky, Inc., the Water Company, Inc. Commission announced that it would allow utilities to file rate cases based on forecasted test periods, and that guidelines would issued outlining acceptable filing procedures. The Commission its decision to allow forecasted test periods following a number of cases wherein the use of historical test periods coupled in the traditional matching of adjustments did not, with Commission's opinion, produce results representative of current In the Kentucky-American and Columbia Gas cases, the conditions. Commission noted that significant new plant constructed and placed service after the end of the historical test period made the in historical test period non-representative of current conditions. While decisions on updating information and proper cut-off dates still be made when using a forecasted test period, the must Commission believes that it is in the public interest to provide a mechanism which allows more current updated information in rate cases.

These guidelines have been developed for use by all utilities under the Commission's jurisdiction. However, the Commission does not believe it may be cost efficient or advisable for the majority

of small or medium-sized utilities. The Commission established these guidelines keeping in mind the major utilities in the state, utilities affiliated with larger holding companies, and the rural electric and telephone cooperatives.

In developing these guidelines, the Commission has made extensive studies of other state and federal utility regulatory commissions. At present, over half of the utility commissions in the nation employ some form of forecasted test period. The period of forecast among these commissions ranges from a few months up to 3 years.

The Commission believes that it is appropriate to take a cautious approach in moving from a historical to a forecasted test period. The Commission therefore has established the maximum period of forecast to be the 12 consecutive months ("forecasted period") immediately following the base period. The base period upon which the 12-month forecast is based should be a 12-month period comprised of estimated data for a maximum of 3 months and actual data for at least 9 months. Actual results for the 3 estimated months should become known shortly after the filing date and should be filed in the record as soon as they become known but no later than 60 days after the filing date.

The forecasted period for 12-months from the date of filing should be presented in the form of pro forma adjustments to the 12-month base period ending at the date of filing. For example, if wages are expected to increase in the forecasted period, the filing should show adjustments to the base period accounts which

contained wages. Care should be taken to show the tracing of the changes from the base period to the forecasted period and the analysis, if applicable, should be carried to the sub-account level. The company's budget for the base period and the forecasted period should also be filed as a supporting document.

The forecasted adjustments will be only for the 12 months following the base period; estimates beyond the end of the forecasted period will not be considered, and the effect of adjustments within the forecasted period will be limited to the impact during the forecasted period. For instance, if a wage adjustment is expected to become effective 7 months into the forecasted period, only 5 months of the effect of the adjustment should be included.

Consistent with the above discussion, the rate base and capital for the forecasted period should be the average for the forecasted period, calculated on a 13-month average.

Analysis of a case based on a forecasted test period will be more complex and time-consuming and, consequently, will take longer to process than cases filed under the present historical test period. We believe it is quite likely that the full 10-month statutory period for review will be needed. At present we

envision a case involving a forecasted test period proceeding as follows:

Month(s)

-1 Notice of Intent Filed

0 Utility Application Filed

-1 through 4 Discovery on Utility's Case

4 through 5 Intervenors' Testimony Filed

5 Discovery on Intervenors' Case

5 through 6 Hearing

7 Briefs and Reply Briefs Filed

10 Final Order

Because the forecasted period is based on estimates, changes may occur as more information becomes known. However, constant revision in a case is not only burdensome but can also require additional discovery and cross-examination. The Commission fully expects the utility to have reasonable and accurate forecasts at the date of filing. Therefore, the Commission will not permit any revisions except the corrections of mathematical errors. Any other revisions may result in dismissal of the case.

It is imperative that a utility provide a complete description of all factors used in arriving at an estimate. All econometric models and all variables, assumptions, escalation factors, contingency provisions, and changes in activity levels should be clearly explained, quantified, checked for statistical accuracy, and properly supported. Moreover, the utility, if requested by the Commission, must run forecasts using alternative assumptions on its models and those runs should be placed in the

record. Such requests will be made when and if the Commission's staff is of the opinion that other assumptions made have equal or greater validity.

The Commission has reviewed its current filing requirements, its initial data requests and standard filing requirements from other state and federal commissions. Based on this review, the Commission believes that a utility using a forecasted test period should satisfy the filing requirements attached hereto¹ by filing the required data no later than the date its notice of intent to file a case is filed or the date it files its application, as applicable. Some of these data requirements are generic requirements for all types of utilities and others pertain to specific industries. These data requirements as well as the full application pursuant to 807 KAR 5:001, Section 10, and the prepared testimony of the utility's witnesses should be filed concurrently on the initial filing date.

Concurrent with its 30-day notice of intent to file a rate case, a utility planning to employ a forecasted test period should in its notice so state and file the data as set out in the attached filing requirements.

The Commission considers the timely filing of the information required in Attachment 1 to be essential to the processing of a case. Generally the Commission will not accept the application as filed until all data has been filed and filed in good form.

The attached filing requirements may be revised by the Commission as needed.

However, if a utility cannot file certain information or cannot file certain information by the date due, the utility must request a waiver in accordance with the procedure described in Attachment 1 to these guidelines and upon good cause shown, the Commission may grant said waiver.

The Commission believes that if a utility uses a forecasted test period it should not be permitted to revert back to the use of historical test period in subsequent cases. Thus, if a utility opts to use a forecasted test period, all subsequent cases must also be based on a forecasted period.

We expect the forecast to be a good faith representation of expected results. With that in mind, we will require that the president or chief operating officer of the company provide a attestation that the forecast is reasonable, statement of reliable, made in good faith and that all basic assumptions used in making or supporting the forecast are identified and justified. We moreover will require that the chief operating officer make a statement attesting that the forecast contains the same assumptions and methodologies as used in the forecast prepared for management and other entities such as the SEC or the financial If the forecast differs, the difference should be community. explained as well as why a difference is reasonable.

The Commission is also very concerned that the use of forecasted test periods should not diminish a utility's incentive to be productive and innovative. To this end, the Commission will

continue to monitor utilities' management practices and will further require that concurrent with the filing of a forecasted test period, the chief operating officer must sponsor testimony on programs in place to achieve improvements in productivity and efficiency. Moreover, the chief operating officer must attest that productivity and efficiency gains are identified in the forecast.

Attachment 1

STANDARD FILING REQUIREMENTS

FORECASTED TEST PERIOD

A. GENERAL INSTRUCTIONS

I. Purpose

The Standard Filing Requirements are designed to assist the Commission in performing a thorough and expeditious review of applications for rate increases. Schedules contained in the filing requirements may be designed to provide support for the applicant utility's position or to provide supplemental information to facilitate the Commission's review of the rate application.

II. Applicability

The Standard Filing Requirement schedules are generally applicable to all types of utilities; however, certain unique aspects of a utility's business may require some schedules to be tailored to a specific type of utility. Schedules which are unique to a specific type of utility are identified on the schedule format provided.

The schedules included herein are provided only to show the formats in which the information is to be filed. If the utility believes that additional information is necessary to support its case or is proposing a position which requires a departure from the basic schedules (e.g., a special revenue adjustment proposal), the utility should supplement the Standard Filing Requirements as required to support its position. All such supplemental information shall be clearly marked as having been provided at the initiative of the utility.

III. <u>Waiver of Information Requirements and Determination of</u> Filing Date

- A. All information required by these Standard Filing Requirements, unless waived upon request or upon the Commission's own motion, must be included with the applicant's notice of intent or at the date the application is submitted as specified. The Commission may reject any filing not in compliance with these requirements or request the utility to refile the items found deficient.
- 1. If, in the opinion of the Commission, an application fails to substantially comply with the Standard Filing Requirements, the Commission shall inform the applicant, within 30 days of the date the application was received, by letter from the Executive Director or his appointed representative of any defects or deficiencies. Upon the filing of such supplemental information rendering the application in technical compliance with the Standard Filing Requirements, unless waived, the application will be deemed as having been filed as of the date upon which the supplemental information was received.
- 2. If the Commission issues no deficiency notice within 30 days from the date of the original filing of the application, the application shall be considered in compliance with the
 Standard Filing Requirements and considered as having been filed
 at the date of the application.
- B. A request for waiver of any of the provisions of the Standard Filing Requirements must set forth the specific reasons for the request. The Commission shall grant the request for a

waiver upon good cause as shown by the utility. In determining whether good cause has been shown, the Commission shall consider, among other things:

- 1. Whether other information, which the utility would provide if the waiver is granted, is sufficient to allow the Commission to effectively and efficiently review the rate application.
- 2. Whether the information, which is the subject of the waiver request, is normally maintained by the utility or reasonably available to it from the information which it maintains.
- 3. The expense to the utility in providing the information, which is the subject of the waiver request.
- C. All requests for a waiver must accompany the information filed at either the date of the notice of intent or the date of the application.

IV. Definition of Terms

A. "Base period" - Shall be a 12-month period comprised of at least 9 months of actual data and no more than 3 months of estimated data.

If the base period contains estimates, the utility must file a 12-month actual income statement within 60 days after the end of the base period. The utility must also explain any material differences between estimated and actual data.

B. "Witness responsible" - Each schedule contains an area specified as "Witness responsible." Fill in the name of the

individual who is to testify at the hearing as to the material contained in the schedule.

- C. "Calendar year data" Some schedules require financial data for both a test period and the most recent calendar years. As used in these filing requirements, "most recent calendar years" are the latest calendar years for which actual historic information is available at the date of filing.
- D. "Forecasted period" The 12-month period immediately following the base period.
- E. "Jurisdictional data" The term "jurisdictional" refers to a utility's operations subject to the jurisdiction of the Kentucky Public Service Commission.

V. Attestation

A utility selecting a forecasted test period must present the following information:

- A. A comparison of the forecast period to base period;
- B. A statement that its forecast is reasonable, reliable, was made in good faith and that all basic assumptions used in making or supporting the forecast are identified and justified to allow the Commission staff to test the appropriateness of the forecast;
- C. A copy of the budget provided to corporate headquarters including all associated workpapers, a copy of the budget assumptions provided to the company by headquarters and a statement of attestation of the chief operating officer of the company that the forecast contains the same assumptions and methodologies as used in the forecast prepared for management or other entities, such as

the Securities Exchange Commission or the financial community; if different, then why they are different;

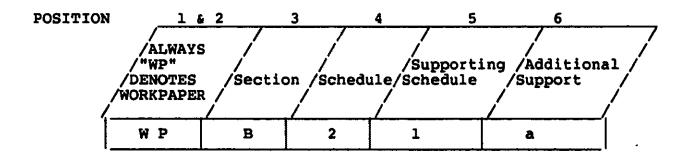
D. A statement by the utility's president or chief operating officer of its program or programs in place to achieve improvements in productivity and efficiency and that the productivity or efficiency gains are identified in the forecast.

Each utility which selects a forecasted test period shall, if requested by the Commission, provide forecasts using alternative assumptions. Such requests will be made when the Commission staff has reason to believe that alternative assumptions have equal or greater validity.

VI. Workpapers

All workpapers supporting schedules in the Standard Filing Requirements shall be delivered to the Commission as specified below.

Workpapers Referencing System



Position 1 & 2

First and second characters will always be "WP," which denotes workpapers.

Position 3

Position 3 will always represent the section of Standard Filing Requirement Schedules to which the workpapers are related.

The sections are:

- A. Revenue Financial Summaries;
- B. Rate Base;
- C. Operating Income;
- D. Rate of Return;
- E. Rates and Tariffs.

Position 4

Position 4 will always represent the schedule number within a section. The first schedule within a section will always be "1," the second "2," etc. Several standard schedule numbers have been assigned. If the utility wishes to supply additional schedules in any section, the next available (unassigned) schedule number in the appropriate section shall be used.

Position 5

Position 5 shall be used for supporting schedules which feed a specific schedule number identified by the fourth position. The first supporting schedule shall have positions 3 and 4 coded with the section and schedule number which the supporting schedules feed, and it shall be numbered "1," the second "2," etc.

For example:

The standard number assigned to the Operating Income Adjustment Summary Schedule is C-3. The first adjustment shall be supported by a separate schedule numbered C-3.1. The workpapers would be indexed WPC-3.1 and WPC-3.2, respectively.

Position 6

Position 6 shall be used only (as required) when data is required for supporting a schedule identified by the 5-position digit. The first additional supporting schedule shall be identified with the lower case letter "a," the second "b," etc. In all cases where the 6th position is used, the 3rd, 4th, and 5th position characters shall be coded with the section, schedule and supporting schedule which the additional data supports.

For example:

Information provided as additional support for adjustment C-3.1 would be coded in the workpapers as: WPC-3.1a,b,c...etc.

The utility shall provide a comprehensive explanation of the bases for all schedules contained in the application. The workpapers that are to be supplied shall include any and all pertinent data used by the utility to prepare its application and other such information that may be requested by the Commission to be filed as a workpaper as specified in other sections of the Standard Filing Requirements. Pertinent data shall be interpreted as including, but not limited to, all supporting workpapers prepared by the utility for the application, and a narrative or other support of assumptions made in compiling the workpaper schedule amounts. Workpapers and documents containing additional explanatory material shall be cut, folded, or reduced to letter size and shall be

marked, organized, and indexed according to the standard filing schedules and the witness to which they relate. Workpapers must contain the date prepared and should be cross-indexed and cross-referenced wherever possible. Data contained on the workpaper should be footnoted so as to identify the source document. Workpapers shall also be provided for the 2-month update filing.

The workpaper referencing system is based on a minimum of a four position code shall be used for all workpapers; when positions 5 and 6 are not required, they shall be left blank. Workpapers shall indicate whether the workpaper pertains to the original filing, the 2-month update filing, or to a revision made to either the original or update filing.

VII. Copies and Organization

The utility is to file the original and 12 copies of the Standard Filing Requirements with this Commission, with a copy to all parties of record. Each copy of the Standard Filing Requirements should be placed in a bound volume with each item tabbed. When a number of sheets are required for a schedule or workpaper, each sheet should be appropriately indexed, for example, WPB-2.la, Page 2 of 6. Careful attention should be given to copied material to ensure that it is legible. Where information requested in the Standard Filing Requirements has been provided elsewhere, in the format indicated, reference may be made to the specific location of the information in responding to the Standard Filing Requirements.

B. FILING REQUIREMENTS - NOTICE OF INTENT

The information described in the following sections shall be filed at the time the notice of intent to file a rate application is made.

I. Capital Expenditures Budget

A. The utility's most recent capital expenditures budget containing at least a 3-year forecast. The utility shall provide the following information for each major construction project which constitutes 5 percent or more of the annual construction budget:

- 1. Date Project Started;
- 2. Estimated Completion Date:
- 3. Total Estimated Cost of Construction by Year Exclusive and Inclusive of Allowance for Funds Used During Construction ("AFUDC") or Interest During Construction Credit;
- 4. Most Recent Available Total Costs Incurred Exclusive and Inclusive of AFUDC or Interest During Construction Credit.
- B. For all other construction projects, the utility shall submit an aggregate of information requested in Items 3. and 4. above and show the most recently available totals by year.

II. Financial Forecast

A. A financial forecast corresponding to the capital expenditures budget included above. Provide for each forecast period:

- Operating Income Statement;
- 2. Balance Sheet:
- 3. Statement of Cash Flows;
- 4. Revenue Requirements Necessary to Support the Forecasted Rate of Return.
- B. The financial forecast should be supported by the underlying assumptions made in projecting the results of operations, such as:
 - Load Forecasts Energy and Demand (electric);
 - 2. Access Line Growth (telephone);
 - 3. Mix of Generation (electric);
 - 4. Mix of Gas Supply (gas);
 - 5. Employee Level;
 - 6. Labor Cost Changes;
 - 7. Capital Structure Requirements;
 - 8. Rate Base:
 - 9. Gallons of Water Projected to be Sold (water);
 - 10. Customer Growth (gas, water);
 - 11. Mcf Sales Forecasts (gas);
 - 12. Toll and Access Growth Number of Calls, Number of Minutes:
 - 13. Other (please detail).
- C. The most recent federal regulatory agency's (Federal Energy Regulatory Commission ["FERC"], Federal Communications Commission ["FCC"]) audit reports;
- D. Prospectuses of the most recent stock and/or bond offerings and future offerings as they become available;

- E. Most recent federal regulatory agency annual report including FERC Form 2 and for Telephone, the ARMIS Report;
- F. Annual report to shareholders and statistical supplements covering the most recent 5 years;
 - G. Most recent annual report to the Commission;
 - H. Current organization chart;
 - I. Chart of accounts;
- J. The latest twelve (12) months plus the current months as they become available of the monthly managerial reports providing financial results of operations and comparison to forecast:
- K. Most recently filed federal and state income tax returns and also the most recent consolidated federal income tax return of the parent company;
- L. Securities and Exchange Commission ("SEC") Annual Report for the most recent 2 years;
- M. Independent auditor's annual opinion report, together with any written communication from the independent auditor to the company which indicates the existence of any material weakness in the company's internal controls;
- N. Quarterly reports to stockholders for the most recent 5 quarters;
 - O. Summary of the latest depreciation study;
- P. For the last 3 years, the audited financial reports for all of the company's affiliated companies with which the company had any transactions;
- Q. Consolidated financial statements of the company's parent;

- R. All of the information requested in Items C. through N. should be provided for affiliated companies with which the company had any transactions for the last 3 years;
- S. Provide a detailed description of the method and amounts allocated to the company by any affiliate company for the last 3 years including the base period and estimated to be allocated during the forecasted test period; provide an explanation of how the allocator for the future is determined;
- T. Provide a copy of computer programs used in compiling the company's filing.

C. SUPPLEMENTAL FILING REQUIREMENTS

The information described in the following Sections (I through VII) shall be filed at the time the application for an adjustment of rates using the forecasted period is filed. The information shall be provided for the base period and the forecasted period, unless noted otherwise in Sections I through VII. In addition, several sections require that the provided information not only be included for the base period and the forecasted period, but also for 5 or 10 historical years and 2 projected years. Each section will indicate when this additional information is necessary. For any forecasted data, provide the methodology. For the information below, the following codes apply: T = Telephone, G = Gas, E = Electric, W = Water, S = Sewer.

I. Productivity Data

This data is to be provided for 5 historical years, the base period and the forecasted period.

- A. Net Generation (E);
- B. Kwh Sales by Customer Class (E);
- C. Purchased Power Expenditures and Kwh (E);
- D. Interchange Power Received and Delivered Kwh and net dollar exchange (E);
- E. Cost of Capital Weighted Average Cost of Debt, Preferred Stock, and Common Equity (T, G, E, W, S);
- F. Depreciation Expense (T, G, E, W, S);
- G. Plant in Service Book Value (T, G, E, W, S);
- H. Total Production Plant (E, G, W);

- I. Net Change of Plant in Service (T, G, E, W, S);
- J. Number of Full- and Part-time Employees (T, G, E, W, S);
- K. Wages and Salaries (T, G, E, W, S);
- L. Pensions and Fringe Benefits (T, G, E, W, S);
- M. Payroll Taxes (T, G, E, W, S);
- N. Total Labor Expenditure (= (k) + (l) + (m)) (T, G, E, W, S);
- O. Total Production Expense (E, G, W);
- P. Steam Transfer Credits (E);
- Q. Load Factor and Capacity Utilization (E);
- R. Fuel Expense (G Purchased Natural Gas, Liquefied
 Petroleum Gas, Other; E Fossil, Nuclear, Other);
- S. Average Fuel Cost (Per million Btu) (G Purchased Natural Gas, Liquefied Petroleum Gas, Other; E Fossil, Nuclear, Other);
- T. Fuel Usage (million Btu) (G Purchased Natural Gas, Liquefied Petroleum Gas, Other; E - Fossil, Nuclear, Other);
- U. Mcf Sales by Customer Class or Rate Class (G);
- V. Total Storage Plant (G, W);
- W. Total Transmission Plant (G, E, W);
- X. Total Distribution Plant (G, E, W);
- Y. General Plant (G, E, W);
- Z. Sales Expense (G, E, W), Telephone Account #6612;
- AA. Advertising Expense (G, E, W), Telephone Account #6613;
- BB. Operating Rents (T, G, E, W);

- CC. Operation and Maintenance Expenses (G, E, W, S), (Telephone Plant Specific & Plant Non-Specific Less Depreciation);
- DD. Number of Access Lines (T);
- EE. Service Expense (T), Account #6620;
- FF. Materials and Supplies Expense (G, E, W, S); Procurement
 Expense (T);
- GG. Local Service Revenues (T);
- HH. Intralata Toll Revenues (T);
- II. Interlata Access or Toll Revenues (T);
- JJ. Miscellaneous Revenues (T, E, G, W, S);
- KK. Corporate Operations Expense (T);
- LL. Water sales by customer class (W).

II. Component Efficiency Measures

This data is to be provided for 5 historical years, the base period and the forecasted period.

- A. Customer Accounts Expense Per Customer (G, E, W, S),
 Services Expense Per Access Line (T);
- B. Sales Expense Per Customer (G, E, W, S), Per Access Line (T);
- C. Advertising Costs Per Customer (G, E, W, S), Per Access Line (T);
- D. Labor Productivity:
 - Net Generation (production W, G)/Number of fulltime equivalent employees (E);
 - 2. Kwh Sales (1,000 gallons, W) Sold/Number of fulltime equivalent employees (E);

- Mcf Sold/Number of full-time equivalent employees
 (G);
- 4. Number of Access Lines/Number of full-time equivalent employees (T);
- E. Total Labor Expense Per Kwh (1,000 gal. W) Sold (E, W);
- F. Total Labor Expense Per Mcf Sold (G);
- G. Total Labor Expense Per Access Line (T);
- H. Fuel Usage Per Kwh Generated (E);
- I. Purchased Gas Usage Per Mcf Sold (G);
- J. Fuel Expense Per Kwh Generated (E);
- K. Fuel Expense Per Mcf Sold (G);
- L. Total Operation and Maintenance Production Expense Per Kwh Generated (E) (1,000 gal. produced - W);
- M. Total Operation and Maintenance Production Expense Per Mcf Sold (G);
- N. Administrative and General Expense Per Customer (G, E, W, S), Corporate Operations Expense Per Access Line (T);
- O. Total Operation and Maintenance Transmission Expense Per Kwh Sold (E), (1,000 gal. W);
- P. Total Operation and Maintenance Transmission Expense Per Mcf Sold (G);
- Q. Total Operation and Maintenance Distribution Expense Per Kwh Sold (E) (1,000 gal. - W);
- R. Total Operation and Maintenance Distribution Expense Per Mcf Sold (G);
- S. Total Pole Lines (circuit Miles) Per Kwh Sold (E);
- T. Total Tower Lines (Circuit Miles) Per Kwh Sold (E);

- U. Revenue Per Kwh Sold (E), (1,000 gal. W), per customer (S);
- V. Revenue Per Mcf Sold (G);
- W. Revenue Per Access Line (T);
- X. Earned Salaries and Wages Per Access Line (T);
- Y. Total Operating Expenses, Excluding Depreciation, Per Access Line (T);
- Z. Plant specific and Plant Non-specific Expense Per Access Line (T);
- AA. Equivalent Availability by Unit (E);
- BB. Capacity Factor by Unit (E).

III. Revenue and Financial Summaries Schedules

This data is to be provided for the base period and the forecasted period.

A. Overall Financial Summary

Schedule A-1 includes for the Forecasted Period the elements of rate base and reports the increase in revenue requirements requested by the utility. Data to be reported covers:

- Original Cost Rate Base;*
- Operating Income;
- Earned Rate of Return;
- 4. Proposed Rate of Return;
- Required Operating Income;
- Income Deficiency;
- 7. Gross Revenue Conversion Factor;
- 8. Revenue Deficiency;
- 9. Revenue Increase Requested;

- 10. Adjusted Operating Revenues;
- 11. Revenue Reguirements.

*Provide all of the same information for any other proposed rate base or other valuation determinations included in the application.

B. Comparison of Present and Proposed Rate Classifications

- Schedule A-2 provides data by effective rate classification and shall show revenue at present rates, revenue at proposed rates, difference in revenue and percent change.
- Net Generation (production W, G)/Number of fulltime equivalent employees (E);
- Kwh Sales (1,000 gallons, W) Sold/Number of fulltime equivalent employees (E);
- Mcf Sold/Number of full-time equivalent employees
 (G);
- 5. Number of Access Lines/Number of full-time equivalent employees (T);

IV. Rate Base

A.

Index of Schedules Jurisdictional Rate Base Summary B-1 Plant in Service by Major Property Grouping or B-2 Major Account (Original Cost) Plant in Service by Accounts and Subaccounts B-2.1 Adjustments to Plant in Service B-2.2 Proposed (Original Cost) Gross Additions. Retirements and Transfers B-2.3 (Original Cost) Property Merged or Acquired from Other B-2.4 Utilities B-2.5 Leased Property Property Held for Future Use Included in Rate B-2.6 Base Property Excluded from Rate Base B-2.7Accumulated Depreciation and Amortization R-3 Adjustments to Accumulated Depreciation and B-3.1 Amortization Depreciation Accrual Rates and Jurisdictional B-3.2 Accumulated Balances by Accounts, Functional Class or Major Property Group Construction Work in Progress B-4 Construction Work in Progress - Percent Com-B-4.1 plete Allowance for Working Capital B-5 B-5.1 Working Capital Components B-6 Certain Deferred Credits and Accumulated Deferred Income Taxes B-7 Jurisdictional Percentage Jurisdictional Statistics - Rate Base B-7.1 Explanation of Changes in Jurisdictional Pro-B-7.2 cedures - Rate Base

B-8	Comparative Balance Sheet
B-8.1	Monthly Account Balances
B-9	Utility Data
B-9.1	Generation Reserve Margin

B. General

These schedules are to be provided for the base period and the forecasted period. The schedules included in this section are designed to be applicable to more than one type of utility. All utilities must comply with the Uniform System of Accounts approved by the Commission. All schedules should reflect regulated amounts only, unless otherwise specified.

C. Plant in Service Schedules

1. Schedule B-1 - Jurisdictional Rate Base Summary

Summary rate base information requested on Schedule

B-1 is supported by the schedules which follow:

- a. Plant in Service;
- b. Property Held for Future Use;
- c. Plant Acquisition Adjustments;
- d. Reserve for Accumulated Depreciation and Amortization:
- e. Net Utility Plant in Service;
- f. Construction Work in Progress included in Rate Base:
- g. Cash Working Capital;
- h. Other Working Capital;
- i. Contributions in Aid of Construction;
- j. Deferred Income Taxes and Investment Tax Credits:
- k. Other Items (Specify);
- 1. Jurisdictional Rate Base.

Other items should be supported by schedules of the company's own design and included as a part of B-6 (schedules should contain a description of items, dollars involved by account, and reason for additions or deletions to the rate base).

2. Schedule B-2 and B-2.1 - Plant in Service by Major Property Grouping or Major Account (Original Cost)

Provide in Schedule B-2 a breakdown of the dollars of Plant in Service by each major property grouping, functional class or account number as specified on the schedule.

Data to be covered includes:

- a. Line Number:
- b. Account Number (if applicable);
- c. Account Description or Property Grouping (whichever is applicable);
- d. Total Company;
- e. Jurisdictional Percentage;
- f. Jurisdictional Total:
- g. Adjustment Amounts;
- h. Adjusted Jurisdictional Amount.

3. Schedule B-2.2 - Proposed Adjustments to Plant in Service (Original Cost)

Provide each adjustment made to Plant in Service on Schedule B-2 and fully explain in Schedule B-2.2.

- a. Line Number:
- b. Account Number (if applicable);
- c. Account Description;

- d. Amount by Total Company;
- e. Jurisdictional Adjustment;
- f. Description and Purpose of Adjustment.

4. Schedule B-2.3 - Gross Additions, Retirements and Transfers (Original Cost)

provide for each major functional plant property group or account, the plant beginning and ending balances, gross additions, retirements and transfers for the company occurring in the period. If, in a particular account, transfers are a normal course of events, only a general description (under the column "Explanation of Transfer") of the nature of the transfers is required.

5. <u>Schedule B-2.4 - Property Merged or Acquired from</u> Other Utilities

provide a list of all plant property either merged or acquired from other utilities in the last 10 years. Explain how the property was entered into plant property records (e.g. entered as original cost, purchase price in year of purchase, original cost less accrued book depreciation in year of purchase, etc.). Also describe the accounting treatment of any acquisition adjustments.

- a. Line Number:
- b. Account Number Charged;
- c. Description of Property;
- d. Acquisition Cost;
- e. Cost Basis;

- f. Acquisition Adjustment;
- q. Commission Approval Date (Docket Number);
- h. Date of Acquisition;
- i. Explanation of Property Accounting Treatment.

6. Schedule B-2.5 - Leased Property Included in Rate Base

Provide a list of all properties leased to the utility, as lessee, and improvements to leased properties, together with annual lease payments which are capitalized.

Data to be covered includes:

- a. Identification or Reference Number;
- b. Description of Type and Use of Property;
- c. Name of Lessee;
- d. Frequency of Payment;
- e. Amount of Lease Payment;
- f. Dollar Value (or estimate) of Property
 Involved.

7. Schedule B-2.6 - Property Held for Future Use Included in Rate Base

Prepare a list of all property held for future use included in rate base. Plant held for future use should not be included in any Plant in Service amounts on Schedules B-1, B-2, B-2.1, and B-2.2.

- a. Line Number:
- b. Description and Location of Property;
- c. Date of Acquisition;

- d. Original Cost;
- e. Accumulated Depreciation;
- f. Net Original Cost;

For Revenue realized, include:

- g. Amount;
- h. Account Number;
- i. Description.

For Expenses incurred, include:

- j. Amount;
- k. Account Number;
- 1. Description.

Also include expected in-service date and expected use of property.

8. Schedule B-2.7 - Property Excluded from Rate Base

Provide a list of all utility-owned property
excluded from the rate base for reasons other than jurisdictional
allocation.

- a. Line Number;
- b. Account Number, Group or Function;
- c. Description of Property;
- d. In-Service Date;
- e. Original Cost;
- f. Accumulated Depreciation;
- g. Depreciated Original Cost;
- h. Test-Year Revenues and Expenses
- i. Reasons for Exclusion.

D. <u>Depreciation</u>

1. Schedule B-3 - Accumulated Depreciation and

<u>Amortization</u>

List accumulated depreciation and amortization by major property grouping, functional class or account numbers. If depreciation reserves are not kept by major property groupings but are kept in total, only the totals should be given.

Data to be covered includes:

- a. Line Number;
- b. Functional Class, Major Property Group or Account Number:
- c. Description;
- d. Total Company Plant Investment;

For the Accumulated Balances, provide:

- e. Total Company Amount,
- f. Jurisdictional Percentage;
- q. Jurisdictional Total Amount;
- h. Adjustment Amount;
- i. Adjusted Jurisdictional Amount.

2. Schedule B-3.1 - Proposed Adjustments to Accumulated Depreciation and Amortization

Provide the information indicated in Schedule B-3.1 for all proposed adjustments to depreciation reserve made in Schedule B-3.

- a. Line Number:
- b. Adjustment Title;

- c. Total Company Amount;
- d. Jurisdictional Percentage;
- e. Jurisdictional Adjustment Amount;
- f. Workpaper Reference;
- g. Description and Purposes of Adjustment.

3. Schedule B-3.2 - Depreciation Accrual Rates by Accounts, Functional Class or Major Property Group

The utility should use whatever rate base data is selected. For accrual rates, whatever rate was or will be used in the base period and forecasted period should be used in this schedule. Also explain in footnotes any differences in the rates contained in these schedules and the annual report form.

- a. Line Number;
- b. Account Number (if applicable);
- c. Account Description;
- d. Plant Investment in Jurisdiction:
- e. Accumulated Balance;
- f. Current Accrual Rate in Percentage;
- q. Calculated Depreciation Expense;
- h. Percentage Net Salvage;
- i. Average Service Life;
- j. Curve Form.

E. Construction Work In Progress

1. Schedule B-4 - Construction Work in Progress

Construction Work in Progress should be consistent with the definition given in the Uniform System of Accounts. Provide a list of all construction projects.

Data to be covered includes:

- a. Line Number;
- b. Project Number;
- c. Description of Project;
- d. Direct Costs -- Construction Amount;
- e. Indirect Costs: AFUDC Capitalized, provide computation;
- f. Indirect Costs, Other;
- g. Total Cost:
- h. Jurisdictional Percentage;
- i. Total Jurisdictional Cost;
- j. Estimated Physical Percent Completion.

2. Schedule B-4.1 - Construction Work in Progress Percent Complete

Provide a list of construction projects in progress which are included in Schedule B-4.

Data to be covered includes:

- a. Line Number;
- b. Project Number;
- c. Date Project Started;
- d. Most Recent Estimated Project Completion Date;
- e. Percent of Elapsed Time;

- f. Original Budget Estimate;
- g. Most Recent Revised Estimate;
- h. Total Project Expenditures;
- i. Percent Complete.

F. Working Capital

Schedule B-5 - Allowance for Working Capital

Provide a summary schedule showing the calculation of working capital for the period reported. Show each individual component (cash, materials and supplies, etc.) and describe the methodology used to calculate each component. If no claim is being made for working capital, omit Schedule B-5.

2. Schedule B-5.1 - Working Capital Components

Determine the average (13 months) balance for materials and supplies, prepayments, gas stored underground, fuels, and accrued real estate taxes and other items included in Working Capital. Allocate the average balances to the jurisdiction using appropriate allocation factors.

G. Other Rate Base Components

1. Schedule B-6 - Certain Deferred Credits and Accumulated Deferred Income Taxes

Provide information regarding Certain Deferred Credits, Accumulated Deferred Income Taxes, and Other Rate Base Items as necessary.

H. Allocation Factors

1. Schedule B-7 - Jurisdictional Percentage

Identify by rate base account or component, the factor(s) used in allocating total utility property to the

jurisdiction. The allocation factors used should be based on the statistical measures shown in Schedule B-6.1. For example, if it were determined that the account "Office Structures and Improvements" should be allocated to the jurisdiction based on the ratio of jurisdictional sales to total sales, the appropriate jurisdictional sales allocation factor would be developed in Schedule B-6.1 and applied to the Office Structure and Improvements accounts on Schedule B-6.

Data to be covered includes:

- a. Line Number;
- b. Account Number:
- c. Account Description;
- d. Allocation Factor;
- e. Description of Factor and/or Method of Allocation.

2. Schedule B-7.1 - Jurisdictional Statistics - Rate

Provide the statistics used in determining the jurisdictional percentages for each allocation factor to be used on Schedule B-6.

Data to be covered includes:

a. Line Number:

Base

- b. Description by Major Groupings or Account;
- c. Statistic Total Company;
- d. Adjustment to Total Company Statistic;
- e. Adjusted Statistic for Total Company,

- f. Statistic for Service or Area:
- q. Allocation Factor.

3. <u>Schedule B-7.2 - Explanation of Changes in Juris-</u> dictional Procedures - Rate Base

This schedule should be completed only if the allocation procedures described in the prior schedules are not consistent with the last Commission Order for the company. For each account or component with a change, identify the allocation factor used in the prior Order and the rationale for not using that factor in this application.

I. Other Utility Data

1. Schedule B-8 - Comparative Balance Sheet for Most Recent Fiscal or Calendar Years

Provide for the total company summary balance sheet (net plant classified by major property grouping, if applicable) for the most recent 5 fiscal or calendar years, the Base Period, and the Forecasted Period.

2. Schedule B-8.1 - Monthly Account Balances

Provide as Schedule B-8.1 the following monthly account balances and a calculation of the average (13-month) account balances for the total company and jurisdictional operations:

- a. Plant in Service;
- b. Plant Purchased or Sold;
- c. Property Held for Future Use;

- d. Construction Work in Progress ("CWIP") (Separate this balance into CWIP eligible for capitalized interest and other CWIP);
- e. Completed Construction Not Classified;
- f. Accumulated Depreciation and Amortization;
- g. Plant Acquisition Adjustment;
- h. Amortization of Utility Plant Acquisition Adjustment;
- i. Materials and Supplies (include all accounts and subaccounts);
- j. Prepayments (include all accounts and subaccounts);
- k. Balance in Accounts Payable Applicable to each account in Item i. above; (If actual is indeterminable, give reasonable estimate.)
- 1. Unamortized Investment Credit Pre-Revenue Act of 1971;
- m. Unamortized Investment Credit Revenue Act of 1971:
- n. Accumulated Deferred Income Taxes:
- o. A Summary of Customer Deposits;
- p. Computation and Development of Minimum Cash Requirements;
- q. Balance in accounts payable applicable to amounts included in utility plant in service; (If actual is indeterminable, give reasonable estimate.)

- r. Balance in accounts payable applicable to prepayments by major category or subaccount;
- s. Balance in accounts payable applicable to amounts included in plant under construction; (If actual is indeterminable, give reasonable estimate.)
- t. Pre-Administrative Case No. 313, Contributions in Aid of Construction;
- u. Administrative Case No. 313, Contributions in Aid of Construction:
- v. Pre-Administrative Case No. 313, Customer Advances (collections and refunds);
- w. Administrative Case No. 313, Customer Advances (collections and refunds);
- x. All other current asset and current liability accounts not included above.

3. Schedule B-9 - Utility Data

Provide the commodity purchases produced and sales data contained on Schedule B-9.

4. Schedule B-9.1 - Generation Reserve Margin

Provide data contained as the reserve margin computation contained in Schedule B-9.1.

Operating Income v.

C-13

A.

Index of Schedules Jurisdictional Operating Income Summary C-1 Jurisdictional Operating Income Statement C-2 Operating Revenues and Expenses by Accounts -C-2.1 Jurisdictional Comparison of Total Company Account Balances C-2.2 Summary of Utility Jurisdictional Adjustments C-3 Detailed Adjustments C - 3.1Summary of Jurisdictional Factors C-4 Jurisdictional Statistics C-4.1 Explanation of Changes in Jurisdictional Pro-C - 4.2cedures C-5 Income Tax of Jurisdictional Federal and Development C-5.1 State Income Taxes Social and Service Club and Membership Dues C-6 Charitable Contributions C-7 Marketing, Customer Service, Sales, Advertis-C-8 ing and Miscellaneous Sales Expense C-8.1Advertising C-8.2 Professional Service Expenses Civic, Political and Related Expenses C-9 C-10 Rate Case Expense C-11 Payroll Costs Payroll Analysis C-11.1 C-11.2 Executive Compensation Computation of Gross Revenue Conversion Factor C-12 Income Statements for the Most

Recent 5 Fiscal or Calendar Years

Comparative

C-14.1 Sales Statistics - Total Company - Revenue

C-14.2 Sales Statistics - Total Company - Sales

Volume

C-14.3 Sales Statistics - Jurisdictional - Revenue

C-14.4 Sales Statistics - Jurisdictional - Sales

Volume

C-15 Trial Balance for the Base Period

B. General

These schedules are to be provided for the base period and the forecasted period, as well as any historical years or projected years specifically requested. The schedules included in this section are designed to be applicable to more than one type of utility. All utilities must comply with the Uniform System of Accounts approved by the Commission. All schedules should reflect regulated amounts only unless otherwise specified.

C. Operating Income Schedules

1. Schedule C-1 - Jurisdictional Operating Income Summary

Provide the jurisdictional operating income statement by major category for the jurisdiction for which a rate increase is requested, both at the present rates and at the proposed rates.

Data to be covered includes:

- a. Line number:
- b. Description (Operating Revenue, Operating Expenses Before Income Taxes, State Income Taxes, Federal Income Taxes, Total Operating Expenses, Income Available for Fixed Charges, Rate Base, Rate of Return);
- c. Return at Present Rates;
- d. Proposed Increase;
- e. Return Proposed Rates;

2. <u>Schedule C-2 - Detailed Jurisdictional Operating</u> Income Statement

Provide a detailed operating income statement by major account function or group classification.

Data to be covered includes:

- a. Line Number;
- b. Major Account Function or Group Classification;
- c. Jurisdictional Unadjusted Revenues and Expenses;
- d. Adjustments;
- e. Schedule Reference:
- f. Jurisdictional Adjusted Revenues and Expenses.

3. Schedule C-2.1 - Operating Revenues and Expenses by Accounts - Jurisdictional

Provide a detailed income statement by account.

- a. Line Number;
- b. Account Title:
- c. Unadjusted Total Company;
- d. Jurisdictional Percentage;
- e. Unadjusted Jurisdictional Amount;
- f. Jurisdictional Method/Description.

4. Schedule C-2.2 - Comparison of Total Company Account Balances

Provide a schedule showing a comparison of the amount in the total company and jurisdictional revenue and expense accounts on a non-cumulative basis for each month of the forecasted period, the base period, and the preceding period for each

revenue and expense 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.

D. Proposed Adjustments to Utility Operating Income

1. Schedule C-3 - Summary of Utility Jurisdictional Adjustments

Summarize each adjustment to total operating income in Schedule C-3, showing for each adjustment the impact upon the elements of operating income. Each adjustment should be referenced by title of adjustment to the appropriate supporting schedules.

2. Schedules C-3.1,2,3, etc. - Detailed Adjustments

- a. The title of adjustment and reference to operating income, Schedule C-2;
- b. Purpose and description of the adjustment;
- c. Reference to company supporting workpaper;
- d. Summary calculations supporting the adjustment, by jurisdictional amount.

E. Jurisdictional Factors

1. Schedule C-4 - Summary of Jurisdictional Factors

Identify by operating income element the factor(s) used in allocating total utility operating revenues, expenses and income by account, function or group classification to the jurisdiction on Schedule C-4.

Schedule C-4.1 - Jurisdictional Statistics

Provide for each jurisdictional factor the statistics used in determining the jurisdictional percentages.

Data to be covered includes:

- a. Line Number:
- b. Description of Jurisdictional Factors;
- c. Statistic Total Company;
- d. Adjustment to Total Company Statistic;
- e. Adjusted Statistic for Total Company;
- f. Statistic for Rate Area;
- g. Jurisdictional Ratio.

3. Schedule C-4.2 - Explanation of Changes in Jurisdictional Procedures

This schedule should be completed only if the jurisdictional procedures described in the prior schedule are not consistent with the last Commission order for the company. For each account, function or group classification with a change, identify the jurisdictional factor used in the prior order and rationale for not using that factor in this application.

F. Account Analyses

General categories may be listed and amounts aggregated with reasonable detail.

1. Schedule C-5 - Income Tax

Provide a calculation of federal and state income tax expense, including a reconciliation of book to taxable income.

If the taxes included in operating income were not calculated in a

manner consistent with Schedule C-5, provide an additional schedule showing the methodology used. Separate schedules should be completed for the federal and state tax calculations.

2. Schedule C-5.1 - Development of Jurisdictional Federal and State Income Taxes

Provide the computation of the jurisdictional federal and state income taxes as specified in Schedule C-5.1.

3. Schedules C-6 and C-7 - Social and Service Club Membership Dues and Charitable Contributions

Provide a detailed schedule listing the payee, the amount, the description, and the account(s) charged for each of the following:

- a. Social and Service Club Membership Dues,Schedule C-6;
- b. Charitable Contributions, Schedule C-7;
- c. Items under \$100 each may be provided in total;
- d. Non-claimed expenses in the aggregate.

4. <u>Schedule C-8 - Marketing, Customer Service, Sales,</u> Advertising, and Miscellaneous Sales Expenses

Provide in accordance with the Uniform System of Accounts of each utility by appropriate functions, the account number, description and the total amounts as specified in Schedule C-8.

Schedule C-8.1 - Advertising

Provide the information on Schedule C-8.1 in accordance with the provisions of 807 KAR 5:016.

6. Schedule C-8.2 - Professional Service Expenses

Provide on Schedule C-8.2 an analysis of expenses incurred for professional services. Support the amounts shown on C-8.2 with detailed workpapers which show the payee, dollar amount, invoice reference, account charged, hourly rates and time charged to the utility according to each invoice, and a brief description of the service provided. Identify all rate case work by case number.

7. Schedule C-9 - Civic, Political and Related Activities

List all expenditures for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation, or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances) or approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials, but do not include such expenditures which are directly related to appearances before regulatory or other governmental bodies in connection with the reporting utility's existing or proposed operations.

8. Schedule C-10 - Rate Case Expense

Provide an analysis of rate case expenses and rate case amortization as specified in Schedule C-10. The prior case used for comparison purposes should be the most recent case. Any significant changes should be footnoted by the utility.

9. Schedules C-11, C-11.1, and C-11-2 - Payroll Costs

Provide a schedule showing the distribution of the base-period direct payroll costs by account classification, major property grouping and functional classification for the total utility in Schedule C-11. Provide the payroll analysis as specified on Schedule C-11.1 for the most recent 5 calendar years and the base period. Provide executive compensation as requested on Schedule C-11.2. Information to be included is:

- a. Total remuneration paid and accrued for each executive whose total company remuneration exceeds \$50,000 annually;
- b. Amount of remuneration paid to all officers as a gross amount stating the number of executives whose remuneration is included in that amount.

G. Revenue Conversion Factor

1. <u>Schedule C-12 - Computation of Gross Revenue Con-</u>version Factor

Provide a detailed calculation of the gross revenue conversion factor used in Schedule A-1. Calculation should be based on actual applicable tax rates.

H. Historical Data

1. <u>Schedule C-13 - Comparative Income Statements for</u> the Most Recent 5 Fiscal or Calendar Years

Data to be covered includes line number, description, amount, percentage change from period to period, and income for the most recent 5 fiscal or calendar years, the base period, and the forecasted period.

2. Schedules C-14.1, C-14.2, C-14.3, and C-14.4 Sales Statistics

Provide for the total company the revenue and sales statistics specified on Schedules C-14.1 and C-14.2. Provide for the jurisdictional area, the same statistics in Schedules C-14.3 and C-14.4.

I. Trial Balance

1. Schedule C-15 - Trial Balance for the Base Period

Provide as Schedule C-15 a trial balance as of the last day of the base period (all income statement accounts should show activity for 12 months) showing account number, account title, and actual base period amounts. Provide this information on a total company and jurisdictional basis. Include the balance in each control account and all underlying subaccounts per company books.

VI. Rate of Return

A. Index of Schedules

D-1	Cost of Capital Summary
D-1.1 and D-1.2	Average Forecasted Period Capital Structure
D-2	Embedded Cost of Short-Term Debt
D-3	Embedded Cost of Long-Term Debt
D-4	Embedded Cost of Preferred Stock
D-5	Comparative Financial Data
D-6	Statement of Cash Flows

B. General

These schedules are to be provided for the base period and the forecasted period, as well as any historical years specifically requested.

C. Definitions

- 1. "Percentage of construction financed internally" (Net income less preferred dividends and common dividends plus depreciation plus deferred taxes and investment tax credits (net)
 less AFUDC) divided by (Gross construction expenditures less
 AFUDC).
- 2. "Pre-Tax interest coverage" (Income available for interest charges plus federal income tax expense) divided by (interest charges).
- 3. "Indenture provision coverage" Company should provide this definition and also the minimum coverage required; if other restrictions are contained in indenture, (e.g., capitalization ratio test) list on separate page.
- 4. "After-Tax fixed charge coverage" (Income available for fixed charges) divided by (interest charges plus preferred dividends).
- 5. "Book value per share" Year-end common stock equity divided by number of common shares outstanding at year end.
- 6. "Return on average total capital" (Income available for fixed charges) divided by (average total capitalization including Short-Term Debt).

- 7. "Return on average common stock equity" (Earnings available for common shares) divided by (average common stock equity).
- 8. "Mix of Sales" By percentage of sales, list major classes of customers.
- 9. "Mix of Fuels" By percentage of fuels, list major categories of fuels, (oil, gas, coal, nuclear, propane, etc.).

D. Rate of Return and Cost of Capital

1. Schedule D-1 - Cost of Capital Summary

Provide for total company and/or jurisdictional basis a cost of capital summary schedule showing the calculation of the weighted average cost of capital. The utility may show any class of capital desired. For all classes shown, however, the amount, percentage of total, percentage cost, and weighted cost should be provided. If the cost of capital shown on Schedule D-1 is not the same as that shown on Schedule A-1, Item 4, provide explanation of difference.

2. Schedules D-1.1 and D-1.2 - Average Forecasted Period Capital Structure

Provide average projected capital structure for the forecasted period. Reference in Column A the workpapers which include the assumptions and calculations used to arrive at the projected capital structure. Provide at current rates (Schedule D-1.1) and at proposed rates (Schedule D-1.2), if different.

3. Schedules D-2, D-3 and D-4 - Debt and Preferred Stock

Provide supporting schedules for the following:

4. Schedule D-2 - Embedded Cost of Short-Term Debt, if any.

If a utility does not propose to include Short-Term Debt in its capital structure, the calculation at the bottom of Schedule D-2 need not be computed.

Data to be covered includes:

- a. Line Number;
- b. Issue;
- c. Amount Outstanding;
- d. Interest Rate;
- e. Interest Requirement;
- f. Embedded Cost of Short-Term Debt.
- 5. Schedule D-3 Embedded Cost of Long-Term Debt, if any, including Notes, if any.

Data to be covered includes:

- a. Line Number;
- b. Debt Issue Type, Coupon Rate;
- c. Date Issued (Month, Day, Year);
- d. Maturity Date (Month, Day, Year);
- e. Amount Outstanding;
- f. Cost Rate at Issue;
- g. Cost Rate to Maturity;
- h. Bond Rating at Time of Issue;
- i. Annualized Interest Cost:
- j. Annualized Cost Rate;
- k. Principal Amount;
- 1. Unamortized Discount or Premium;

- m. Unamortized Debt Expense;
- n. Unamortized Gain or Loss on Reacquired Debt;
- o. Carrying Value.
- 6. Schedule D-4 Embedded Cost of Preferred Stock, if any.

Data to be covered includes:

- a. Line Number;
- b. Dividend Rate, Type, Par Value;
- c. Date Issued;
- d. Amount Outstanding;
- e. Premium or Discount;
- f. Issue Expense;
- g. Gain or Loss on Reacquired Stock;
- h. Net Proceeds;
- i. Cost Rate of Issue:
- j. Annualized Dividends:
- k. Annualized Cost Rate.

7. Schedule D-5 - Comparative Financial Data

Provide a comparison of financial data for the base period, the forecasted period, and the 10 most recent calendar or fiscal years as illustrated in Schedule D-5, on a total company or jurisdictional basis.

Data to be covered includes:

- a. Plant Data:
 - (1) Original Plant in Service by Functional
 Classification (Year End) (Less Depreciation);

- (2) Construction Work in Progress by Functional Classification (Year End);
- (3) Percentage of Construction Financed Internally.
- b. Capital Structure: (Dollars based upon year end accounts):
 - (1) Short-Term Debt;
 - (2) Long-Term Debt;
 - (3) Preferred Stock;
 - (4) Common Stock;
 - (5) Other Capital.
- c. Condensed Income Statement Data:
 - (1) Operating Revenues;
 - (2) Operating Expenses (excluding Federal and State Income Tax);
 - (3) State Income Tax (current);
 - (4) Federal Income Tax (current);
 - (5) Federal and State Income Tax (deferred);
 - (6) Investment Tax Credits (net);
 - (7) Operating Income;
 - (8) AFUDC;
 - (9) Other Income (net).
- d. Income Available for Fixed Charges:
 - Interest Charges;
 - (2) Net Income;
 - (3) Preferred Dividends;
 - (4) Earnings Available for Common Equity;

- (5) AFUDC % of Net Income:
- (6) AFUDC % of Earnings Available for Common
 Equity;
- (7) Return on Net Original Cost Rate Base (year end).

e. Costs of Capital:

- (1) Embedded Cost of Short-Term Debt;
- (2) Embedded Cost of Long-Term Debt;
- (3) Embedded Cost of Preferred Stock.

f. Fixed Charge Coverage:

- (1) Pre-Tax Interest Coverage;
- (3) After-Tax Interest Coverage;
- (5) Coverage for SEC Filings;
- (6) Indenture Provision Coverage;
- (7) After-Tax Fixed Charge Coverage.
- g. Stock and Bond Ratings:
 - (1) Moody's Bond Rating;
 - (2) Standard and Poor's (S&P) Bond Rating; .
 - (3) Moody's Preferred Stock Rating;
 - (4) S&P Preferred Stock Rating.

h. Common Stock Related Data:

(1) Shares Outstanding (year end);

- (2) Shares Outstanding Weighted Average
 (monthly);
- (3) Earnings per Share Weighted Average;
- (4) Dividends Paid per Share;
- (5) Dividends Declared per Share;
- (6) Dividend Payout Ratio (declared basis);
- (7) Market Price -high, (low) lst Quarter;
 2nd Quarter;

3rd Quarter;

4th Quarter;

- (8) Book Value per Share (year end).
- i. Rate of Return Measures:
 - (1) Return on Common Equity (average);
 - (2) Return on Total Capital (average);
 - (3) Return on Net Plant in Service (average) total company.
- j. Other Financial and Operating Data:
 - (1) Mix of Sales (gas and electric);
 - (2) Mix of Fuel (gas and electric);
 - (3) Composite Depreciation Rates.
- 8. Schedule D-6 Statement of Cash Flows

 Provide as Schedule D-6 a Statement of Cash Flows.

VII. Rates and Tariffs

A. Index of Schedules

E-1	Copy of Proposed Rate Schedules
E-2	Scored Copy of Proposed Rate Schedules
E-3	Narrative Rational for Tariff Changes
E-4	Jurisdictional Operating Revenue
E-5	Revenue Allocation and Rate Design
E-6	Twoical Bill Comparison

B. General

These schedules are to be provided for the base period and the forecasted period.

C. Present and Proposed Rate Schedules

1. Schedule E-1 - Copy of Present Tariff Schedules Provide a copy of all current tariff pages for which changes are proposed. Identify each page with Schedule E-1, page ____ of ___ in the upper right hand corner of the schedule.

2. <u>Schedule E-2 - Scored Copy of Proposed Tariff</u> <u>Schedules</u>

Provide a copy of all proposed tariff pages which have all proposed text changes italicized, highlighted, or underscored. Designate in the margin the proposed tariff changes by using the following designation:

- (C) to signify changed rule, regulation, or rate structure;
- (D) to signify discontinued rate, rule, regulation, or text;
- (I) to signify increased rates or charges;
- (N) to signify new rate versus charge, rule, or regulation;
- (R) to signify reduced rate or charge;
- (T) to signify a change in text, but no change in rate charge, rule, or regulation.

Identify each page with Schedule E-2, page ____ of ___ in the upper right hand corner of the schedule.

3. <u>Schedule E-3 - Narrative Rationale for Tariff</u> Changes

Provide the rationale, on Schedule E-3, underlying the proposed changes to the tariff by rate, charge, rule, or regulation referenced to the appropriate page in Schedule E-2. Changes common to number of items need be discussed only once (e.g., minimum bill charges have been increased about 10 percent on all rates because _______). Provide a specific source of data (e.g., cost support) or narrative supporting each rationale for change.

D. Jurisdictional Revenue Price-Out

The Revenue Price-Out (Schedule E-4) varies by the type of utility and test year chosen by the utility. Three sets of E-4 Schedules are included. One set is applicable to the electric and gas utilities; one set is applicable to the water and sewer utilities, and one set is applicable to telephone utilities.

Schedule E-4 concerns only jurisdictional revenue.

Schedule E-4 consists of two parts: Base Period and Forecasted Period.

The <u>Base Period</u> section (Section A) reports revenue for the base period calculated at present and proposed rates based on base period sales volumes or demand quantities. Present rates are those rates in effect on the date of filing the proposed rates.

The <u>Forecasted Period</u> section (Section B) reports projected revenue for present rates and proposed rates based on projected annual sales volumes or demand quantities for the Forecasted Period. The Forecasted Period sales volumes or demand

quantities must be supplemented by an econometric or other analysis.

Schedule E-4 - Electric and Gas Utilities

"Revenue" is to be reported by rate classifications which make up the total revenue for each designated rate in combination with any accompanying rider(s) to the rate. All rate schedules are to be reported, whether changed or not, so that total revenue from the tariff schedule will be reported. Components consist of the basic rate charges and purchased gas adjustment charges or fuel adjustment charges. "Average number of customers" is the total number of bills in the Base Period divided by the number of billing periods.

2. Schedule E-4 - Water and Sewer Utilities

Water and sewer utilities should follow the instructions set forth above to the extent that the instructions are appropriate.

3. Schedule E-4 - Telephone Utilities

a. Rate Elements Proposed to be Changed

Schedule E-4 for telephone utilities provides for the reporting of revenue and demand quantities by category and on per rate element within the category. The demand price-out should be calculated by tariff section.

b. Rate Elements Not Proposed to be Changed

The utility shall summarize revenue from all those rate elements (billing determinants) that will remain unchanged from the current rate charges.

c. Units in Service

Annual demand quantities for the base period for recurring rate elements being changed may be based on either the end-of-period units in service multiplied by 12 or based on a monthly average of units in service. Annual demand quantities for nonrecurring charges being changed should be based on actual units for the base period.

4. Schedules E-5 - and E-5.1

a. Revenue Allocation to Rate Classes

Provide as Schedule E-5 explanations showing by rate classification the amount and percent of any proposed increase or decrease in revenues allocated to each class. Provide a statement which explains, in detail, the methodology or basis used to allocate the requested increase or decrease to each customer class.

b. Revenue Allocation and Rate Design Within Rate Classes

Provide as Schedule E-5.1 explanations showing how the increase or decrease in (A) above was further allocated to each rate charge (customer charge, Mcf charge, Kwh charge, etc.). Provide a statement which explains in detail the methodology used to allocate the increase or decrease to each rate charge.

E. Typical Bill Comparison

NOTE: There are three schedules labeled E-6. One schedule is applicable to gas and electric, one is applicable to water and sewer utilities, and the other schedule is applicable to telephone utilities.

1. Schedule E-6 - Typical Bills by Rate Schedule and Classification

Compute typical bill comparisons for residential, commercial, and industrial customers at present and proposed rates for each rate schedule or combination of rate schedule and its associated rate rider on which such customers are served. Rates with different seasonal charges (winter, summer) shall be shown for each season. Rates with demand charges shall be shown for appropriate ranges of demand levels imposed by customers. The bill comparisons shall demonstrate the full range of percent increases and decreases that are expected to occur by reporting the consumption levels that produce the maximum percent increase and the minimum percent increase or maximum percent decrease, whichever occurs.

a. Calculation of the Bills

The dollar amounts computed for Current Bills and Proposed Bills shall include base rate charges and the charges resulting from the purchased gas adjustment or the fuel adjustment.

b. Bill Comparison for Telephone Utilities

Telephone utilities shall submit data sought on the appropriate Schedule E-6. Data sought is typical bill comparisons for each exchange served for residential and business customers. The bill comparison should include only regulated items and show average basic exchange and average total bill comparisons.

Case No. Overall Financial Summary

For the 12 Months Ended

Type of	Base Period Forecasted Period Filing: Original Updated Revised er Reference No(s):		Schedule A-1 Page of Witness Responsible:
Line No.	Description	Supporting Schedule Reference	Jurisdictional Revenue Requirements
1	Rate Base	B-1	\$
2	Operating Income	C-1	
3	Earned Rate of Return (2 + 1)		
4	Rate of Return	D-1	
5	Required Operating Income (1 x 4)		
6	Operating Income Deficiency (5 - 2)		
7	Gross Revenue Conversion Factor	C-12	
8	Revenue Deficiency (6 x 7)	•	
9	Revenue Increase Requested	C-1 & E-4	
10	Adjusted Operating Revenues	C-1	
11	Revenue Requirements (9 + 10)		
12	Other Items (Specify)		

	Case No.			
Revenues at	Present	and Proposed	Rates	(1
The Twelve				

Data: Type of : Workpape		recasted PeriodUpdatedRevised			Schedule A-2 Page of Witness Responsible:
				Revenue	♦ of
Line	Rate	Revenue at	Revenue at	Change	Revenue
No.	Classification	Present Rates	Proposed Rates	(Amount)	Change
	(A)	(B)	(C)	(D=C-B)	(E=D+B)

⁽¹⁾ Suporting Schedule E-4.1(F)

As	of	 	

Type of Filing:OriginalUpdatedRevised Page of	Data:Base PeriodF	orecasted Period	Schedule B-1
Workpaper Reference No(s): Witness Responsib			Page of Witness Responsible:

Line No.	Rate Base Component	Supporting Schedule Reference	Compan Propos Amoun	ed
1	Plant in Service	B-2	\$	
2	Property Held for Future Use	B-2.6		
3	Plant Acquisition Adjustments	B-2.4		
4	Accumulated Depreciation and Amortization	в-3		
5	Net Plant in Service (1 thru 4)			
6	Construction Work in Progress	B-4		
7	Cash Working Capital Allowance	B-5		
8	Other Working Capital Allowances	B-5.		
9	Contributions in Aid of Construction	B-6	()
10	Deferred Income Taxes and Investment Tax Credits	B-6		
11	Other Items (List)	B-6	 	
12	Jurisdictional Rate Base (5 thru 11)		<u>\$</u>	

Case No. _______ Plant in Service by Major Property Grouping*

As of _____

Schedule B-2 Page ___ of ___

Workpaper Reference No(s).:				•	Witness Responsible:	
Line No.	Major Property Groupings	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
1	Intangibles	\$		\$	\$	\$
2	Production					
3	Storage and Processing					
4	Transmission					
5	Distribution					
6	General					
7	Common					
8	Completed Construction Not Classified					
9	Other (Specify)					
10	TOTAL	\$	**************************************	\$	\$	\$

Data: ___Base Period ___Forecasted Period

Type of Filing: __Original __Updated __Revised

^{*}This schedule applies to electric and gas companies only.

Data: ___Base Period ___Forecasted Period

f
f

Schedule B-2

	f Filing:OriginalUpdated per Reference No(s).:	Revised			W:	igeor itness Responsible:
Line No.	Major Property Groupings	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
1	Intangibles	\$		\$	\$	\$
2	Source of Supply and Pumping					
3	Water Treatment					
4	Transmission and Distribution					
5	General					
6	Completed Construction Not Classified					
7	Other (Specify)					
8	TOTAL	\$	<u></u>		\$	\$
O	AVARM	¥		•	·	•
*This	achedule applies to water companie	e only.				

Schedule B-2

Page ___ of ___

		Fiant	As of	 	——
Data:	Base Period	_Forecasted Period			

Type of Workpap	Filing: Original Update per Reference No(s).:	edRevised			1	Page of Witness Responsible:	
Line No.	Major Property Groupings	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction	
1	Intangible	\$		\$	\$	\$	
2	Land and Structures						
3	Collection						
4	Pumping						
5	Treatment and Disposal						
6	General						
7	Completed Construction Not Classified						
8	Other (Specify)						
9	TOTAL	\$		\$	s	\$	
-		-					

^{*}This schedule applies to sewer companies only.

As of ____

Schedule B-2

	of Filing:OriginalUp aper Reference No(s).:	datedRevised				age of itness Responsible
Line No.	Major Property Groupings	Total Company	Jurisdic- tional &	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
	General Support	\$		\$	\$	\$
	Central Office					
	Information Origination/ Termination					
	Cable and Wire Facilities					
	Amortizable					
	Other (Specify)					
				,		
	TOTAL	\$		\$	\$	\$

Data: __Base Period ___Forecasted Period

^{*}This schedule applies to telecommunication companies only.

As of _____

Type	of Filing	PeriodForecasted :OriginalUpd rence No(s).:	atedRevised				Schedule B-2.1 Page of Witness Responsible:
Line No.	Acct.	Account/ Subaccount Title*	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
			s		s	\$	\$

\$

\$

\$

\$

TOTAL

^{*}Subtotal should be provided for major property grouping.

Case No. Proposed Adjustments to Plant in Service

	Base of Filing: oper Refer	. 	ted Period UpdatedRevised			Pag	edule B-2.2 e of ness Responsible:
Line	Acct.	Account Title	Total Company Adjustment	Jurisdic- tional %	Jurisdictional Adjustment	Workpaper Reference No.	Description and Purpose of Adjustment

Case No.

Gross Additions, Retirements, and Transfers

From _____ To ____

Data: Base Period Forecasted Period
Type of Filing: Original Updated Revised
Workpaper Reference No(s):

Schedule B-2.3
Page ___ of ___
Witness Responsible:

							Transfers/Re	<u>classifications</u>	
line No.	Acct. No.	Account Title	Beginning Balance	Additions	Retirements	Amount	Explanation of Transfers	Other Accounts Involved	Ending Balance

Case No. ______Property Merged or Acquired
From ______To _____

	of Filing		ecasted PeriodUpdated	Revised			Page	Tule B-2.4 of ess Responsible:
Line No.	Acct.	Description of Property	Acquisition Cost	Cost Basis	Acquisition Adjustment	Commission Approval Date (Docket No.)	Date of Acquisition	Explanation of Treatment

(Company)
Case No.
Leased Property
(Total Company)
As of

Data: Base Period Forecasted Period Schedule B-2.5 Type of Filing: Original Updated Revised Page of Workpaper Reference No(s): Witness Responsible: Dollar* Value of Identification or Reference Description of Type Frequency Property Explain Method of Name of Amount of and Use of Property Number Lessee of Payment Lease Payment Involved Capitalization

^{*}If not available, an estimate should be furnished.

Case No. ____

Property Held for Future Use Included in Rate Base As of

Data: Base Period _Forecasted Period Schedule B-2.6 Type of Filing: __Original __Updated __Revised Page ___ of ___ Workpaper Reference No(s): Witness Responsible: Description Net Revenue Realized Expenses Incurred and Location Acquisition Original Accumulated Original Acct. Acct. Line Depreciation Cost Amount No. Description Amount No. Description No. of Property Date Cost

Case No. ______Property Excluded from Rate Base*

(For Reasons Other Than Jurisdictional Allocation)

	of Filin		sted Period _Updated	Revised				 B-2.7 of esponsible:
Line	Acct.	Account Title or Description of Excluded Property	In-Service Date	Original Cost	Accumulated Depreciation	Net Original Cost	Period Revenue and Acct. Amount No.	Reasons for Exclusion

^{*}Provide a list of all utility-owned property associated with the service or area excluded from the rate base for reasons other than jurisdictional allocation.

Case No. ________Accumulated Depreciation and Amortization*

Туре с	f Filin	e PeriodForecasted Perions:Updated erence No(s).:					Page	edule B-3 e of ness Responsible		
			Total Company			Accumulated	Balances	ances		
No.	Acct. No.	Property Grouping and Account Titles	Plant Investment	Total Company	Jurisdic- tional %	Jurisdictio Total		Adjusted ts Jurisdiction		
		Land Motor Vehicles Aircraft Special Purpose Vehicles Garage Work Equipment Other Work Equipment Buildings Furniture Office Equipment General Purpose Computers Analog Electronic Switching Digital Electronic Switching Electro-Mech. Electronic Swi Operator Systems Radio Systems Circuit Equipment Station Apparatus Customer Premise Wiring Poles		\$		\$	\$	\$		

^{*}This schedule applies to telephone companies only.

Case No. _______Accumulated Depreciation and Amortization*

Туре с	of Filin	se PeriodForecasted Period:OriginalUpdated Eerence No(s).:	Revised				Pag	nedule B-3 ge of tness Responsible
	······································		Total Company			Accumulated	Balances	
Line No.	Acct. No.	Property Grouping and Account Titles	Plant Investment	Total Company	Jurisdic- tional %	Jurisdiction Total		Adjusted nts Jurisdiction
		Aerial Cable Underground Cable Buried Cable Sub. Cable Deep Sea Cable Intrabuilding Cable Aerial Wire Conduit Systems	\$	\$		\$	\$	\$
		Amortization Capital Leases Leasehold Improvements Intangibles						

^{*}This schedule applies to telephone companies only.

Case No. _______Accumulated Depreciation and Amortization*

Type o	of Filir	se PeriodForecas ng:Original Eerence No(s).:		evised			Page	dule B-3 of ess Responsible:
***************************************		Major Property	Total Company			lances		
Line No.	Acct. No.	Groupings and Account Titles	Plant Investment	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
		Intangible Total Intangible	\$	\$		\$	\$	\$
		Source of Supply ar Pumping Total Source of S and Pumping						
		Water Treatment Total Water Treat	tment					
		Transmission and Di Total Transmission Distribution						
		General Total General				-		
		Other (Specify) Total Other						
		TOTAL	\$	\$		\$	s	\$

^{*}This schedule applies to water companies only.

Case No. ______Accumulated Depreciation and Amortization*

Type	of Filin	se PeriodForecas ng:Original Terence No(s).:		evised			Page	edule B-3 c of ness Responsible:	
		Major Property	Total Company			Accumulated Ba	lances		
Line No.	Acct. No.	Groupings and Account Titles	Plant Investment	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction	
	· · · · · · · · · · · · · · · · · · ·	Intangible Total Intangible	\$	\$		\$	\$	ş	
		Land and Buildings Total Land and Bu	ıildings						
		Collection Total Collection							
		Pumping Total Pumping							
		Treatment and Dispo Total Treatment a Disposal							
		General Total General				•			
		Other (Specify) Total Other							
		TOTAL	\$	\$		\$	\$	\$	

^{*}This schedule applies to sewer companies only.

Type	of Filir	se PeriodForecas ng:Original Terence No(s).:	UpdatedI	Revised			Page	dule B-3 of ess Responsible:
		Major Property	Total Company	·		Accumulated Bal	ances	
Line No.	Acct. No.	Groupings and Account Titles	Plant Investment	Total Company	Jurisdic- tional %	Jurisdictional Total	Adjustments	Adjusted Jurisdiction
		Intangible Total Intangible	\$	\$		\$	\$	\$
		Production Total Production						
		Storage and Process Total Storage an Processing						
		Transmission Total Transmissio	on					
		Distribution Total Distribution	מכ					
		General Total General						
		Common Total Common						
		Other (Specify) Total Other						
		TOTAL	\$	\$		\$	\$	\$
							 	

^{*}This schedule applies to gas and electric companies only.

	Data:Base PeriodForecasted Period Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:							
Line	Adjustment	Title	Total Company Adjustment	Jurisdic- tional %	Jurisdictional Adjustment	Workpaper Reference	Description and Purpose of Adjustment	

Case No.

Depreciation Accrual Rates and

Jurisdictional Accumulated Balances by Accounts,

Functional Class or Major Property Group

As of _____

Data: Base Period Forecasted Period Schedule B-3.2 Type of Filing: __Original __Updated __Revised Page ___ of ___ Workpaper Reference No(s).: Witness Responsible: Account Title or Major Adjusted Jurisdiction Current Calculated Line Acct. Property Plant Accumulated Accrual Depreciation 1 Net Average Curve No. No. Grouping Investment Balance Rate* Expense Salvage Service Life Form (A) (C) (D) (E) (F) (G=DxF) (H) **(I) (J)** (B)

S

\$

\$

^{*}Explain in footnotes any differences with the rates included on this schedule and those contained in annual report forms.

Case No. _____

Construction Work in Progress

As of _____

Data: ___Base Period ___Forecasted Period

Type of Filing: __Original __Updated __Revised Workpaper Reference No(s):

Schedule B-4
Page ___ of ___
Witness Responsible:

-				Accumulated Costs					Estimated Physical	
_					Indirect	;		Total		
Line	Project	Description	Construction	AFUDC	Costs	Total	Jurisdic-	Jurisdictional	Percent	
No.	No.	of Project	Amount	Capitalized	Other	Cost	tional %	Cost	Completed	
(A)	(B)	(C)	(D)	(E)	(F)*	(G=D+E+F)	(H)	(I)	(J)	

\$ \$ \$ \$

TOTAL

^{*}Explain the nature of all other indirect costs in footnotes.

Case No.

Construction Work in Progress - Percent Complete*

As of _____

Data: Base Period Forecasted Period
Type of Filing: Original Updated Revised
Workpaper Reference No(s):

Schedule B-4.1
Page ___ of ___
Witness Responsible:

Line	Project No.	Date Construction Work Began	Estimated Project Completion Date	Percent of Elapsed Time	Original Budget Estimate	Most Recent Budget Estimate	Total Project Expenditures	Percent of Total Expenditures
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)=(H)+(G)

\$ \$

^{*}Should be based on expenditures including AFUDC.

	Base Period Filing:Orig er Reference No(s					Page	of oss Responsible
Line	Working Capital	Component	Description of Methodology Used to Determine Jurisdictional Requiremen	Workpaper	Total Company	Jurisdic- tional %	Jurisdic- tional Amoun

\$

\$

TOTAL

Case No. ____

Working Capital Components

As of _____

Data: Base Period Forecasted Period
Type of Filing: Original Updated Revised
Workpaper Reference No(s):

Schedule B-5.1
Page ___ of ___
Witness Responsible:

		13-Mo	for Period	Period Balance			
Line No.	Description	Total Company	Jurisdic- tional %	Jurisdictional Amount	Total Company	Jurisdic- tional %	Jurisdictional Amount
<u>. </u>		(1)	(2)	(3)	(4)	(5)	(6)

Case No. ____

Certain Deferred Credits and Accumulated Deferred Income Taxes

As of _____

Туре с	Base PeriodForecasted Period of Filing:OriginalUpdatedRevised uper Reference No(s).:		Page	dule B-6 of ess Responsible:
Line No.	Account No. Description	Total Company	Jurisdictional % (2)	Jurisdictional Amount (3)

Customers' Advances for Construction

Contributions in Aid of Construction

Investment Tax Credits:

Pre-1971 3% Credit

1971 44 Credit

1975 6% Additional Credit

1981 10% Credit on Recovery Property

ITC Tax Benefits Sold

Deferred Income Taxes:
Accelerated Amortization
Liberalized Depreciation
ACRS Tax Benefits Sold
Other (Specify and list separately)

Other (Specify and list separately)

Also provide the ITC option elected in 1971 and 1975 under Section 46(f) of the 1954 Internal Revenue Code.

Case No. Jurisdictional Percentage

For the 12 Months Ended _____

	Piling:Original Reference No(s).:	UpdatedRevised		Page of Witness Responsible:
Line	Acct.		Jurisdic-	Description of Factors

For the 12 Months Ended _____

Type of F	Base PeriodForecasted liling:OriginalUpd Reference No(s).:			Schedule B-7.1 Page of Witness Responsible:		
Line	Description by Major Groupings or Account	Statistic Total Company	Adjustment to Total Company Statistic	Adjusted Statistic for Total Company	Statistic for Rate Area	Allocation Factor
(A)	(B)	(C)	(D)	(E=C + D)	(F)	(G=F + E)

Case No. _______Explanation of Changes in Jurisdictional Procedures Rate Base

Type of F	_Base PeriodFo Filing:Original : Reference No(s).:			Schedule B-7.2 Page of Witness Responsible:
Line No.	Account No.	Description	Procedures Approved in Prior Case	Rationale for Change

Case No.

Comparative Balance Sheets (Total Company)

As of _____ and December 31, 19_ - 19_

Data: Base Period Forecasted Period
Type of Filing: Original Updated Revised
Workpaper Reference No(s):

Schedule B-8
Page ___ of ___
Witness Responsible:

	Fore-			Most Recent Five Calendar Years							
ine No. Description	casted \$ Period Change	Base Period(1)	\$ Change	19Chan		•	•		•	9Change	
Assets and Other Debits	s	s		\$	s	······································	\$	s			
Other Debits				··············	••••••		•••••	············			
	<u>\$</u>	<u>\$</u>		<u>\$</u>	<u>\$</u>		<u>\$</u>	<u>\$</u>	<u> </u>		
Liabilities and Other Credits	\$	\$		\$	\$		\$	\$	s		
	***************************************			······	······		,	,			
	\$	<u>\$</u>		<u>\$</u>	\$		<u>\$</u>	\$	<u> </u>		
						•					

⁽¹⁾ If date certain actual balance sheet is not available at the date of filing, it may be provided within two months of the date of filing.

Case No. _____

For the 12 Months Ended ______**

Data: ___Base Period ___Forecasted Period Type of Filing: __Original __Updated __Revised Workpaper Reference No(s).:

Schedule B-9 Page ___ of ___ Witness Responsible:

Line No.	Description	MCF's as Measured	MCF's at Standard Temperature and Pressure
(1)	Gas received (purchased, produced, etc.))	
2)	Sales and other deliveries		
3)	Company Use		
4)	Unaccounted-for gas (1 - 2 - 3)		
5)	Unaccounted-for gas percentage (4 + 1)		

^{*}This schedule applies to gas companies only.

^{**12} months selected should reflect most recently available actual operating cycle encompassing one heating season.

Case No. __

Water Data*

For the 12 Months Ended ______

Data: Base Period Forecasted Period Schedule B-9 Page ___ of __ Type of Filing: Original Updated Revised Witness Responsible: Workpaper Reference No(s).: Line Description LBS No. Annual maximum pumping capacity of system (1) (2) Total water pumped (output) (3) Total metered sales (4) Total non-metered sales Difference between output and sales (2) - (3) - (4)(5) (6) Company use - normal operations (7) Company use - extraordinary maintenance/hydrant flushing (8) Other company use - main breakage, etc. Unaccounted-for water (5 - 6 - 7 - 8)(9) (10)Unaccounted-for water percentage (9) + (2)

^{*}This schedule applies to water companies only.

^{**12} months selected should reflect most recently available actual operating cycle encompassing one heating season.

(Company)
Case No.
Generation Data*

Type of 1	Base PeriodForecasted Period Filing:OriginalUpdatedRevised : Reference No(s).:		Schedule B-9 Page of Witness Responsible:
Line No.	Generating Unit	Owned Capability Summer Win	lter

Current Capability

Total Capability During Period

Future Additions and Retirements1

Total Combined Capability

*This schedule applies to electric companies only.

¹ Provide expected in-service or retirement dates.

Data: Base Period Forecasted Period

Type of Filing: Original Updated Revised

Workpaper Reference No(s):

Schedule B-9.1
Page ___ of ___
Witness Responsible:

Line	Description	Base	Forecasted	Five Projected Calendar Years					
No.		Period	Period	1	2	3	4	5	
1	Capability - MW (b)								
2	Peak Demand - MW (a)								
3	Reserve Margin - MW (1) - (2)								
4	Reserve Margin - % (3) + (2)								
5	Capability (b) Less Largest Unit (c) - MW								
6	Peak Demand - MW (a)								
7	Reserve Margin - MW (5) - (6)								
8	Reserve Margin - \$ (7) + (6)								

*This schedule applies to electric companies only.

- (a) Latest estimate from 16-Year Forecast (show date of forecast)
- (b) Highest (Summer or Winter) from Schedule B-9
- (c) Indicate Single Largest Unit on B-9

For the 12 Months Ended _____

Type of F	_Base PeriodForecasted Period iling:OriginalUpdatedRevised Reference No(s).:		Schedule C-1 Page of Witness Responsible	
Line No.	Description	Return at Current Rates	Proposed Increase	Return at Proposed Rates
	Operating Revenues	\$	\$	\$
	Operating Expenses Operating Expenses Before Income Taxes State Income Taxes Federal Income Taxes			
	Total Operating Expenses	Ş	<u>\$</u>	<u> </u>
	INCOME AVAILABLE FOR FIXED CHARGES	\$	<u> </u>	<u> </u>
	RATE BASE	<u>\$</u>	<u> </u>	S
	RATE OF RETURN		<u>. </u>	<u> </u>

Case No. Jurisdictional Adjusted Operating Income Statement For the 12 Months Ended _____

Type of I	Base Period Porecast Filing: Original U Reference No(s):	ed Period odatedRevised			Schedule C-2 Page of Witness Responsible:
Line	Major Account or Group Classification	Unadjusted Revenues & Expenses	Adjustments	Schedule Reference	Adjusted Revenue & Expenses

For the 12 Months Ended

Data: Type of E Workpaper	Schedule C-2.1 Page of Witness Responsibl				
Line No.	Account Title	Unadjusted Total Company (1)	Jurisdic- tional & (2)	Unadjusted Jurisdiction (3)	Jurisdictional Method/ Description (4)

Case No. ______Comparison of Total Company Account Balances

For the 12 Months Ended _____

Data:Base PeriodForecasted Period Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s):										Schedule C-2.2 Page of Witness Responsible:			
Account Title and Account Number	lst	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	%
	Month	Month	Month Total	Change									

Forecasted Period Base Period Increase (Decrease)

Base Period Prior Period Increase (Decrease)

Case No.

Summary of Utility Jurisdictional Adjustments to Operating Income by Major Accounts

For the 12 Months Ended

Data: Base Period Forecasted Period Schedule C-3 Type of Filing: Original Updated Revised Page of Workpaper Reference No(s): Witness Responsible: Title of Adjustment Line Total C-3.1 C-3.2 C-3.3 C-3.4 C-3.5 C-3.6 C-3.7 C-3.8 C-3.9 C-3.10 C-3.11 Adjustments No. Element of Operating Income Operating Revenue Adjustments (Detail Major Accounts) Total Revenue Adjustments Operating Expense Adjustments (Detail Major Accounts) Total Expense Adjustments State Income Tax Impact Federal Income Tax Impact Net Operating Income Impact

For the 12 Months Ended _____

Data: Base Period Forecasted Period Type of Filing: Original Updated Revise Workpaper Reference No(s).:			Schedule C-3.1 Page of Witness Responsible
Purpose and Description	Reference Supporting Workpapers	Amount	
Accounts or Subaccounts Adjusted (List)		\$	
Total Adjustment		\$	
Jurisdictional Allocation Percentage			
Jurisdictional Amount			
State Income Tax Impact			
Federal Income Tax Impact			
Net Operating Income Impact		<u>\$</u>	

*NOTE: Add schedules as needed.

(Operating Income)

For the 12 Months Ended

Type of F	Base Period For For Illing: Original Reference No(s).:				Schedule C-4 Page of Witness Responsible:
Line No.	Acct. No.	Account Title	Jurisdictional Factor	Description of Factor Method of Allocat	•

Case No.

Jurisdictional Statistics

(Operating Income)

For the 12 Months Ended _____

Data:l Type of Fi: Workpaper l	Pag	Schedule C-4.1 Page of Witness Responsible				
	Description of		Adjustment to	9.9.4		
Line	Jurisdictional	Statistic	Total Company	Adjusted	Statistic for	Jurisdic-
No.	Factors	Total Company	Statistic	Total Company	Jurisdiction	tional Ratio
(A)	(B)	(C)	(D)	(E=C+D)	(F)	(G=F+E)

(Operating Income)

For the 12 Months Ended _____

Data: Base Period Forecasted Period Type of Filing: Original Updated Revised Workpaper Reference No(s):				Schedule C-4.2 Page of Witness Responsible	
Line No.	Account No.	Description	Procedure Approved in Prior Case	Rationale for Change	

Case No. _____

Adjusted Jurisdictional	Federal	and	State	Income	Taxes ¹
For the 12 Months	Ended				

Schedule C-5

	Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:					
		At	Current Rates			
			Schedule C-3			roposed Rates
Lin	· -	Unadjusted (1)	Adjustments (2)	Adjusted (3)	Adjustments (4)	Adjusted (5)
1	Operating Income Before Income Taxes	\$	\$	\$	\$	\$
2	Reconciling Items:					
3	Interest Charges					
4	Tax Accelerated Depreciation					
5	Book Depreciation					
6	Excess of Tax Over Book Depreciation					
7	Other Reconciling Items (Specify and List)			<u> </u>		
8	Total Reconciling Items					
9	Taxable Income		 			
10 11 12 13 14 15	Income Tax Rates: \$					
16	Federal (State) Income Tax Liability					

Data: Base Period Forecasted Period

^{*}Separate schedules should be completed for the federal and state calculation.

Schedule C-5

Case No.

Adjusted	Jurisdictio	nal	_ Federal	and	State	Income	Taxes*
	For the 12	Months	Ended				

	Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:					Page 2 of 3 Witness Responsible
		At	Current Rates			
Lin	ne	Unadjusted	Schedule C-3 Adjustments	Adiusted	At Pro	oposed Rates Adjusted
No		(1)	(2)	(3)	(4)	(5)
17	Investment Tax Credits	\$	\$	\$	<u>\$</u>	\$
18	Federal (State) Income Taxes - Current	\$	\$	<u>\$</u>	<u>\$</u>	<u>\$</u>
19	Deferred Income Taxes:				-	
20	Tax Accelerated Depreciation					
21	Tax Straight-Line Depreciation				-	
22	Excess of Accelerated Over Straight-Line Depreciation					
23	Deferred Income Tax &					
24	Amortization of Prior Years Deferred Income Taxes					_
25	Net Deferred Income Taxes Resulting from Depreciation					
26	Investment Tax Credit Deferred					
27	Amortization of Prior Years I.T.C.					

Data: ___Base Period ___Forecasted Period

^{*}Separate schedules should be completed for the federal and state calculation.

Case No. _____ State Income Taxes* For the 12 Months Ended _____

Data:	Base Per	iodFor	ecasted Peri	ođ
Type of	Filing: _	Original	Updated	Revised
Workpape	er Referenc	e No(s).:		

Schedule C-5 Page 3 of 3 Witness Responsible:

		At	Current Rates			
• •		***********	Schedule C-3			posed Rates
No.	Description	Unadjusted (1)	Adjustments (2)	Adjusted (3)	Adjustments (4)	Adjusted (5)
28 In	nvestment Tax Credit - Net	\$	\$	\$	\$	\$
	ther Tax Deferrals (Specify and List Separately)	teritoria, grande de la constantina de	4			
30 т	Total Deferred Income Taxes	<u>\$</u>	<u>\$</u>	\$	\$	<u>\$</u>
	otal Federal (State) Income Taxes (18 + 30)	\$	<u>\$</u>	\$. <u>\$</u>	. <u>s</u>

^{*}Separate schedules should be completed for the federal and state calculation.

Ca	ß	A	No.

4454	·····
Development of Jurisdictional	Federal and State Income Taxes
(Operating I	ncome Before Adjustments)
For the 12 Months	s Ended

Data: Base Period Forecasted Period Type of Filing: Original Updated Workpaper Reference No(s):	Schedule C-5.1 Page 1 of 3 Witness Responsible			
Line No. Account Title	Total Utility (1)	Jurisdic- tional %	Jurisdiction (3)	Jurisdictional Code/Explanation (4)
1 Operating Income Before Income Taxes	\$	<u> </u>	\$	
2 Reconciling Items				
3 Interest Charges				
4 Tax Accelerated Depreciation				
5 Book Depreciation	·	_		
6 Excess of Tax Over Book				
7 Other Reconciling Items (Specify and List)				
8 Total Reconciling Items				
9 Taxable Income 10 Federal Income Taxes: 11 \$				
15 Over \$ & 1 16 Federal (State) Income Tax Liability				

^{*}Separate schedules should be completed for the federal and state calculation.

Case No. ________ State Income Taxes*

(Operating Income Before Adjustments)

For the 12 Months Ended _____

Typ	a:Base PeriodForecasted Period e of Filing:OriginalUpdatedRe kpaper Reference No(s).:	Schedule C-5.1 Page 2 of 3 Witness Responsib			
Lin No		Total Utility (1)	Jurisdic- tional % (2)	Jurisdiction (3)	Jurisdictional Code/Explanation (4)
17	Investment Tax Credits	\$	_	\$	
18	Federal (State) Income Taxes - Current	<u>\$</u>	····	<u>\$</u>	
19	Deferred Income Taxes:				
20	Tax Accelerated Depreciation				
21	Tax Straight-Line Depreciation		•••		
22	Excess of Accelerated Over Straight-Line Depreciation				
23	Deferred Income Tax &			•	
24	Amortization of Prior Years Deferred Income Taxes				

^{*}Separate schedules should be completed for the federal and state calculation.

Case No.

Development of Jurisdictional ____ Federal and ___ State Income Taxes*

(Operating Income Before Adjustments)

For the 12 Months Ended _____

Typ	a:Base PeriodForecasted Period be of Filing:OriginalUpdatedRe kpaper Reference No(s).:	Schedule C-5.1 Page 3 of 3 Witness Responsibl			
Lin	·	Total Utility (1)	Jurisdic- tional & (2)	Jurisdiction (3)	Jurisdictional Code/Explanation (4)
2 5	Net Deferred Income Taxes Resulting from Depreciation	\$		\$	
26	Investment Tax Credit Deferred				
27	Amortization of Prior Years I.T.C.		•		
28	Investment Tax Credit - Net				
29	Other Tax Deferrals (Specify and List Separately)		-	A	
30	Total Deferred Income Taxes	<u>\$</u>	<u>.</u>	<u>\$</u>	
31	Total Federal (State) Income Taxes (18 + 30)	<u>\$</u>	<u>.</u>	<u>\$</u>	

^{*}Separate schedules should be completed for the federal and state calculation.

Case No. _________Social and Service Club Dues

For the 12 Months Ended _____

Data:Base PeriodForecasted Period Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:						
No.	Social Organization/ Service Club	Total Utility	Jurisdictional %	Jurisdiction		
	No.	Social Organization/	Social Organization/ Total	Social Organization/ Total		

\$

For the 12 Months Ended

Data: Type of F Workpaper	Schedule C-7 Page of Witness Responsible:				
Line		Charitable	Total		
No.	Account No.	Organization	Utility	Jurisdictional %	Jurisdiction

Case No.

Marketing Expense*

For the 12 Months Ended _____

Data: _Base Period Forecasted Period Schedule C-8 Type of Filing: Original Updated Revised Page ___ of ___ Workpaper Reference No(s).: Witness Responsible: Line Total No. Account No. Description of Expenses Utility Jurisdictional % Jurisdiction 6611 Product Management 6612 Sales 6623 Customer Services 6722 External Relations 6613 Product Advertising 6540 Access Expenses

^{*}This schedule applies to telephone companies only.

Case No. ______Customer Service and Informational Sales and General Advertising Expense* For the 12 Months Ended ____

Data: Type of F Workpaper	Schedule C-8 Page of Witness Responsible:				
Line	Account		Total		
No.	No.	Description of Expenses	Utility	Jurisdictional 4	Jurisdiction
		Customer Service and Informational	Eynengee		
	907	Supervision			
	908	Customer Assistance			
	909	Informational and Instructional Ad-	vertisina		
	910	Miscellaneous Customer Service and			
		Sales Expense			
	911	Supervision			
	912	Demonstration and Selling			
	913	Advertising			
	916	Miscellaneous Sales Expense			
	930.1	General Advertising Expense			

^{*}This schedule applies to electric and gas companies only.

Case No. ______Customer Service, Sales Promotion, and Miscellaneous Advertising Expense* For the 12 Months Ended _____

Type of F		Forecasted Period riginalUpdatedRevised 0(s).;			Schedule C-8 Page of Witness Responsible:
Line No.	Account No.	Description of Expenses	Total Utility	Jurisdictional	\$ Jurisdiction
		Customer Service Expense			
	907	Customer Service and Informational I	Expense		
		Sales Promotion Expense			
	910 930.1	Sales Promotion Institutional or Goodwill Advertising	ng Expense		

^{*}This schedule applies to water and sewer companies only.

Case No.

Advertising

For the 12 Months Ended

Type o		riodForecasted Pe OriginalUpdate ace No(s).:					Schedule C-8.1 Page of Witness Responsible
Line No.	Item	Sales or Promotional Advertising	Institutional Advertising	Conservation Advertising	Rate Case	Other	Total
₩.	(A)	(B)	(C)	(D)	(E)	(F)	(G)

- 1. Newspaper
- 2. Magazines and Other
- 3. Television
- 4. Radio
- 5. Direct Mail
- 6. Sales Aids
- 7. Total
- 8. Amount Assigned to RY Retail

Case No. Professional Service Expenses

For the 12 Months Ended _____

Data: __Base Period _ Forecasted Period Type of Filing: __Original __Updated __Revised Workpaper Reference No(s).:

Schedule C-8.2 Page ___ of ___ Witness Responsible:

		Ex	pense Break	down	Total		Jurisdic-		Jurisdic-
Line		Rate	Annual		Company	Jurisdic-	tional		tional
No.	Description	Case	Audit	Other	Unadjusted	tional &	Unadjusted	Adjustments	Adjusted

- 1. Legal
- 2. Engineering
- 3. Accounting
- 4. Other
- 5. TOTAL

Case No. ________Civic, Political and Related Activities For the 12 Months Ended _____

Type of I	Base PeriodForecasted Period Filing:OriginalUpdatedRevise r Reference No(s).:	Schedule C-9 Page of Witness Responsible:	
Line No.	Item (A)	Amount (B)	
1.	Donations		
2.	Civic Activities		
3.	Political Activities		
4.	Other		
5.	Total		

Case No. Rate Case Expense (Jurisdiction)

For the 12 Months Ended

Data: Base Period Forest Type of Filing: Original Workpaper Reference No(s).:	Updated	Revised				Schedule C-10 Page of Witness Responsible:
Comparison of	Projected Exp	enses Associa	ted with the	Current Case	o Prior Rate	Cases
Item of Expense	Current Case Estimated	Most Recent Prior Case Actual	Most Recent Prior Case Estimate	Next Most Recent Case Actual	Next Most Recent Case Estimate	Justification of Significant Change
Legal Accounting Rate of return studies Cost of service studies Other major rate case expenses (List and specify						
	Schedu	le of Rate Ca	se Expense Am	ortization		
Rate Case		Total to be Amortized	Opinion/ Order Order Date	Amorti- zation Period	Amount Amortized to Date	Write-Offs During Period
Current (Estimated) Most recent Next most recent						\$
						(1)
Provide an explanation of the a	accounting trea	tment used fo	r rate case e	xpense on the	company's boo	ks and records.
133						

⁽¹⁾ Represents rate case expense included on Schedule C-2

Case No. Payroll Costs

For the 12 Months Ended _____

Type of	Base PeriodForecasted Period f Filing:OriginalUpdated per Reference No(s).:				Page	dule C-11 of ess Responsible:				
		Operating Expenses								
Line No.	Description	Total Company Unadjusted	Jurisdictional	Jurisdictional Unadjusted	Adjustments	Jurisdictional Adjusted				
1	Payroll Costs									
2	Labor									
3	Employee Benefits									
4	Pension									
5	Other Benefits (Specify and List)									
6	Total Benefits									
7	Payroll Taxes									
8	F.I.C.A.									
9	Federal Unemployment									
10	State Unemployment									
11	Other Payroll Taxes (Specify and List)									
12	Total Payroll Taxes									
13	Total Payroll Costs									

Case No. Payroll Analysis

by Employee Classifications/Payroll Distribution For the 12 Months Ended _____

	Base PeriodForecasted of Filing:OriginalUpdate		sed —			Page _	e C-11.1 of Responsible:
			Most Rec	ent Five Calen	dar Years		
Line No.	Description	19 Change	•	•	19 Change	19 Change	Base Period
1	Man-hours						····
2	Straight-time Hours						
3	Overtime Hours	**************************************		**************************************		***************************************	
4	Total Man-hours						
5	Ratio of Overtime Hours to Straight-time Hours						
6	Labor Dollars	s	\$	ş	\$	\$	\$
7	Straight-time Dollars						
8	Overtime Dollars						
9	Total Labor Dollars	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>\$</u>
10	Ratio of Overtime Dollars to Straight-Time Dollars						
11	Operating Labor Dollars						
12	Ratio of Labor Dollars to						
	Total Labor Dollars Operating						
							

Case No.

Payroll Analysis

by Employee Classifications/Payroll Distribution For the 12 Months Ended _____

Data: Base Period Forecasted Period
Type of Filing: Original Updated Revised
Workpaper Reference No(s):

Schedule C-11.1
Page __ of __
Witness Responsible:

		Most Recent Five Calendar Years					
Line		*	8		3	•	
No.	Description	19Change	19 Change	19 Change	19 Change	19 Change	Base Period
13	Total Employee Benefits	\$	s	s	s	s	s
14	Employee Benefits Expensed			•	•	•	•
15	Ratio of Employee Benefits Expensed to Total Employee						
	Benefits	***************************************				·····	***************************************
16	Total Payroll Taxes	\$	\$	s	s	s	\$
17	Payroll Taxes Expensed					•	•
18	Ratio of Payroll Taxes Expensed to Total Payroll Taxes						
	- 4	,					

¹⁹ Average Employee Levels(1)

²⁰ Year-End Employee Levels

⁽¹⁾ Provide base period end and 2 most recent calendar years employee levels by month.

(Company) Case No. Executive Compensation

For the 12 Months Ended _____

Pata:Base PeriodForecasted Period Type of Filing:OriginalUpdatedRevis Norkpaper Reference No(s).:					Page	ofofess Responsible:
	Name of Executive:			Operating Expen	ses	
Line No.	Description	Total Company Unadjusted	Jurisdictional	Jurisdictional Unadjusted	Adjustments	Jurisdictional Adjusted
1	Total Salary					
2	Other Allowances and Compensation					
3	Total Compensation					
4	Employee Benefits					
5	Pension					
6	Other Benefits (Specify and List)					
7	Total Benefits					
8	Payroll Taxes					
9	F.I.C.A.					
10	Federal Unemployment					
11	State Unemployment					
12	Other Payroll Taxes (Specify and List)					
13	Total Payroll Taxes					
14	Total Compensation Package					

Case No.

Computation of Gross Revenue Conversion Factor For the 12 Months Ended ______

Type o	f Filing:OriginalUpdatedRevised per Reference No(s).:	Page of Witness Responsible:		
Line No.	Description		Percent of Incremental Gross Revenues	
1	Operating Revenues	(100.00%)		
2	LESS Uncollectibles			
3	Net Revenues			
4	State Tax @		(x Line 3)	
5	Income Before Federal Income Tax (Percent)		(Line 3 Less Line 4)	
6	Federal Income Tax @	***************************************	(x Line 5)	
7	Income After Federal Income Tax (Percent)		(Line 5 Less Line 6)	
8	Other Taxes Which Vary With Revenue			
9	Operating Income Percentage			
10	Gross Revenue Conversion Factor (100% : Operationcome percentage)	ting (100.00 =	}	
***************************************			······································	······································

Notes:

- 1. All tax percentages shall include the effect of other taxes upon the incremental rate.
- 2. Calculations shown are for illustrative purposes only. Effective state excise tax rate and the actual applicable statutory income tax rate should be used.
- 3. Experienced rate of uncollectible accounts may be used in the calculation.

19_ - 19_ and the 12 Months Ending

Type	Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:								Page	dule C-13 of ess Responsible:
Line		Fore-					Most Recen	t Five Calen	dar Years	
	Description	casted Period	Change	Base Period ⁽¹⁾	Change	19 Change	19 Change	19 Change	19 Change	: 19 Change
	Operating Reve- nues	\$		\$		\$	\$	ş	\$	ş
	Total Operating Revenues									
	Operating Expenses									
	Total Operating Expenses	······································				***************************************	Water	**************************************	***************************************	
	Net Operating Income									
	Other Income and Deductions									
	Total Other Income and Deductions	ne		······································		***************************************	***************************************	***************************************		***************************************
	NET INCOME	<u>\$</u>	•	\$		<u>\$</u>	<u>\$</u>	<u>\$</u>	<u>\$</u>	<u>\$</u>

226	No.	

Total Company Rentucky Revenue Statistics

(Telephone Utilities)

19__ - 19__ and the 12 Months Ending _____

Data:Base PeriodForecasted Period Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s):							Schedule (Page C			
Line No.	Description			Five Ca			Base Period	Forecasted Period		ojected ar Years 19
	Basic Local Service Revenue:				-					
	Access Lines Revenue Residential Business Total Access Lines Revenue Other Local Service Revenue IntraLATA or InterLATA Toll Service Revenue: Message Toll WATS Private Line Total Toll									
	InterLATA Access Services Reve									
	Average Revenue Per Access Lin Residential Business Total Aggregate	<u>e</u> :(2)								

List all sources of "other local service revenue."

Use the 12-month average as provided on Schedule C-.14.2 excluding interLATA access service revenues.

Case No. ______ Revenue Statistics - Total Company

(Non-Telephone Utilities)

19 - 19 and the 12 Months Ending

Data:Base PeriodForecasted Period Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:								Schedule C Page C Witness Re		
Line No.	Description		Recent 19				Base Period	Forecasted Period	Two Pro Calenda	ojected ar Years 19
	Revenue by customer class: Residential Commercial Industrial Other Total Number of customers by class(1) Residential Commercial Industrial Other Total Average Revenue per customer(2) Residential Commercial Industrial Industrial Industrial									

⁽¹⁾ Provide number of customers for both a 12-month average and at period end.

⁽²⁾ The number of customers shall be the 12-month average number of customers.

19 - 19 and the 12 Months Ending

Type	Base PeriodForeca of Filing:Original aper Reference No(s).:	_UpdatedRevised			Schedule C-14.2 Page of Witness Responsible:
Line No.	Description	Most Recent Five Calendar Years 19 19 19 19 19	Base Period	Forecasted Period	Two Projected Calendar Years 1919

Access Lines in Service(1) Residential Business Total Access Lines

Billed Minutes of Use(1) Residential Business IYC Total Billed Minutes

⁽¹⁾ Provide information for both a 12-month average and at period end.

	-	
 No.		

Sales Statistics - Total Company

(Non-Telephone Utilities)

19_ - 19_ and the 12 Months Ending ____

Data: Base Period Forecasted Period Schedule C-14.2 Type of Filing: Original Updated Revised Page of Workpaper Reference No(s).: Witness Responsible: Two Projected Line Most Recent Five Calendar Years Base Forecasted Calendar Years No. Description 19__ 19__ 19__ 19__ Period Period 19__ Sales by customer class: Residential Commercial Industrial Other Total Number of customers by class(1) Residential Commercial Industrial Other Total Average Revenue per customer(2) Residential Commercial Industria1

⁽¹⁾ Provide number of customers for both a 12-month average and at period end.

⁽²⁾ The number of customers shall be the 12-month average number of customers.

Case No.

Jurisdictional Revenue Statistics

(Telephone Utilities)

19 - 19 and the 12 Months Ending _____

Oata:Base PeriodForecasted Period Cype of Filing:OriginalUpdatedRevised Forkpaper Reference No(s).:							Schedule C-14.3 Page of Witness Responsible	
Line No.	Description	Most Recen-				Forecasted Period	Two Pro Calenda	jected r Years 19_
	Basic Local Service Revenue: Access Lines Revenue Residential Business Total Access Lines Revenue Other Local Service Revenue Total Local Service Revenue							
	IntraLATA and InterLATA Toll Service Revenue: Message Toll WATS Private Line Total Toll							
	InterLATA Access Services Revenu							
	Residential Business Total Aggregate							

⁽¹⁾ List all sources of "other local service revenue." Jurisdictional refers to the portion of the utility's service area for which the requested rate increase is applicable.

⁽²⁾ Use the 12-month average as provided on Schedule C-14.2 excluding interLATA access service revenues.

Case No.

Revenue Statistics - Jurisdictional

(Non-Telephone Utilities)

19_ - 19_ and the 12 Months Ending ____

Data: Type (Workp	Schedule C-14.3 Page of Witness Responsible				
Line No.	Description	Most Recent Five Calendar Years 19 19 19 19 19	Base Period	Forecasted Period	Two Projected Calendar Years 19 19

Revenue by customer class:

Residential

Commercial

Industrial

Total

Number of customers by class(1)

Residential

Commercial

Industrial

Total

Average Revenue per customer(2)

Residential

Commercial

Industrial

Provide number of customers for both a 12-month average and at period end.

⁽²⁾ The number of customers shall be the 12-month average number of customers.

Case	No.			
------	-----	--	--	--

Jurisdictional Kentucky Telephone Statistics
19 - 19 and the 12 Months Ending

								Schedule C- Page of Witness Res	
Line No.	Description	_	Most Recent Five	Calendar	Years 19	Base Period	Forecasted Period	Two Pro	

Access Lines in Service (1)
Residential
Business
Total Access Lines

Billed Minutes of Use(1)
Residential
Business
IYC
Total Billed Minutes

⁽¹⁾ Provide information for both a 12-month average and at period end. Jurisdictional refers to the portion of the utility's service area for which the requested rate increase is applicable.

Case No. ____

Sales Statistics - Jurisdictional

(Non-Telephone Utilities)

19_ - 19_ and the 12 Months Ending _____

Data: Type (Workpa	Schedule C-14.4 Page of Witness Responsib					
Line	Description	Most Recent Five Calendar Years 19 19 19 19 19	Base Period	Forecasted Period	Two Pro Calenda	r Years
		15 19 19 19		Period		19

Sales by customer class:
Residential
Commercial
Industrial
Other

Total

Number of customers by class⁽¹⁾
Residential
Commercial
Industrial
Other

Total

Average Revenue per customer⁽²⁾
Residential
Commercial
Industrial

⁽¹⁾ Provide number of customers for both a 12-month average and at period end.

⁽²⁾ The number of customers shall be the 12-month average number of customers.

(Company)
Case No.
Cost of Capital Summary

Data:	Base	Period	Forecasted	Period
		Structure:		
Type of	Filing:	Original	Updated	Revised
		ence No(s).:		

Schedule D-1
Page 1 of 1
Witness Responsible:

Line			(\$)	♦ of	(%)	Weighted
No.	Class of Capital	Reference	Amount	Total	Cost	Cost (%)
1	Long-Term Debt	D-3				
2	Preferred Stock	D-4				
3	Common Equity			·		
4	Total Capital	***************************************	·····	***************************************		

(Current Rates)

Date	Base Period Forecasted Pof Capital Structure: Daper Reference No(s):					Schedule D-1.1 Page 1 of 1 Witness Responsible
			rojecteč			
Line No.	Class of Capital	Workpaper Reference (A)	Amount (B)	% of Total (C)	Cost (D)	Weighted Cost (E)
1	Short-term debt					
2	Long-term debt					
3	Total debt					
4	Preferred stock					
5	Common equity					
6	Other capital			 		
7	Total capital					

Case No. Average Forecasted-Period Capital Structure (Proposed Rates)

Forec	casted period to casted period from to caper Reference No(s).:	o				Schedule D-1.2 Page 1 of 1 Witness Responsible:
				ojected		
Line No.	Class of Capital	Workpaper Reference (A)	Amount (B)	% of Total (C)	Cost (D)	Weighted Cost (E)
1	Short-term debt					
2	Long-term debt					
3	Total debt					
4	Preferred stock					
5	Common equity					
6	Other capital		***************************************	***************************************	***************************************	
7	Total capital					•
						

Case No. ______ Debt

Date of Short Type of Filis	ase Period Forecasted Period t-Term Debt: ng: Original Updated ference No(s).:	Revised		Schedule D-2 Page 1 of 1 Witness Responsible:	
Line No.	Issue (A)	Amount Outstanding (B)	Interest Rate (C)	Interest Requirement (D)	
	(List)				
			<u>.</u>		
	Totals				
	Cost of Short-Term Debt (D+B)				

Data:	Data: Base Period _		Forecasted Period			
Date o	f Long-Term	Debt:				
Type o	f Filing:	Original	Updated	Revised		
	per Referen					

Schedule D-3 Page 1 of 2 Witness Responsible:

		· · ·					Bond	
	Debt Issue	Date	Maturity	Amount	Cost	Cost	Rating	Annualized
Line	Type, Coupon	Issued	Date	Outstand-	Rate at	Rate at	At Time of	Interest
No.	Rate	(M/D/Y)	(M/D/Y)	ing	Issue ²	Maturity ³	Issue ⁴	Cost
		(A)	(B)	(C)	(D)	(E)	(F)	$(G) = (C) \times (E)$

Total Long-Term Debt and Annualized Cost

Annualized Cost Rate [Total Co. (G) + Total Co. (C)]

¹ Nominal Rate

Nominal Rate Plus Discount or Premium Amortization

Nominal Rate Plus Discount or Premium Amortization and Issuance Cost Standard and Poor's, Moody, etc.

Case No. Embedded Cost of Long-Term Debt

Date of Long-Term Debt: Type of Filing:OriginalUpdatedRevised Workpaper Reference No(s).:					Schedule D-3 Page 2 of 2 Witness Responsib	
		Unamortized		Unamortized		
		Discount	Unamortized	Gain or Loss		
Line	Principal	or	Debt	on Reacquired	Carrying	
No.	Amount	Premium	Expense	Debt	Value	
	(H)	(I)	(3)	(K)	(L=C+I-J+K)	

Case No. ______ Embedded Cost of Preferred Stock

Data:		Base	Period		Forecasted	Period
Date			d Stock:			
lype	of	Filing:	Orig	inal	Update	Revised
			ence No(s			

Schedule D-4
Page 1 of 1
Witness Responsible:

		 		Premium		Gain or Loss			
Line	Dividend Rate,	Date	Amount	or	Issue	on Reacquired	l Net	Cost Rate	Annualized
No	Type, Par Value	Issued	Outstanding	Discount	Expense	Stock	Proceeds	at Issue	Dividends
***************************************		(A)	(B)	(C)	(D)	(E)	(F=B+C-D+E)	(G)	(H=GxB)

(List)

Total

Annualized Cost Rate [Total Col (H) + Total Col (B)

Instructions:

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

Data:		Base	Period		Forecasted	Period
Date (Certa	in:				
Type (of Fi	ling:	Origi	nal	Updated	Revised
Workpa	aper	Refere	ence No(s)	.:		

Schedule D-5
Page 1 of 4
Witness Responsible:

					Most	Recer	t Cal	endar	Years	3		
Line	Forecasted	Base										
No. Description	Period	Period	1	2	3	4	. 5	6	7	88	9	10

PLANT DATA:

Gross plant in service by major property groupings* (average or normal classifications)*

Construction work in progress by major property groupings (average) or normal classifications

Total

Percentage of construction expenditures financed internally

CAPITAL STRUCTURE: (dollars based)

upon year-end accounts)
Short-term debt
Long-term debt
Preferred stock
Common stock
Other capital

CONDENSED INCOME STATEMENT DATA:

Operating revenues
Operating expenses (excluding F.I.T. and S.I.T.)
State income tax (current)
Federal income tax (current)
Federal and state income tax (net)
Investment tax credits (net)
Operating income
AFUDC
Other income (net)

^{*}Also include net plant in service for each type of utility service.

Type	Certain: of Filing:Origina paper Reference No(s).:		evised							Pa	chedule age 2 d itness	of 4	nsible:
							Most	Recent	Calenda	ar Year	r s		
Line No.	Description	Forecasted Period	Base Period	1	2	3	4	5	6	7	8	9	10

INCOME AVAILABLE FOR FIXED CHARGES:

Data: ___ Base Period Forecasted Period

Interest charges
Net income
Preferred dividends
Earnings available for common equity
AFUDC - % of net income
AFUDC - % of earnings available for common equity

COST OF CAPITAL:

Cost of short term debt \$
Embedded cost of long-term debt \$
Embedded cost of preferred stock \$

FIXED CHARGE COVERAGE:

Pre-tax interest coverage
Pre-tax interest coverage (excluding
AFUDC)
After tax interest coverage
After tax interest coverage (excluding
AFUDC)
Coverage for SEC filings
Indenture provision coverage
After-tax fixed charge coverage

^{**}If combination company, e.g., gas & electric, also show computation for each operation.

(Company)
Case No.
Comparative Financial Data

Data:	Base Period :	Forecasted Period								Sc	hedule	e D-5	
Туре	of Filing:Original aper Reference No(s).:	UpdatedRe	vised								tness		nsible:
							Most Re	cent C	lenda	Yeare	3		
Line No.	Description	Forecasted Period	Base Period	1	2	3	4	5	6	7	8	9	10

STOCK AND BOND RATINGS:

Moody's bond rating
S&P bond rating
Moody's preferred stock rating
S&P preferred stock rating

COMMON STOCK RELATED DATA:

Shares outstanding - Year-end
Shares outstanding - Weighted
average (monthly)
Earnings per share - Weighted
average
Dividends paid per share
Dividends declared per share
Dividend payout ratio (declared basis)
Market price - High, (low)
lst quarter
2nd quarter
3rd quarter
4th quarter
Book value per share (year-end)

RATE OF RETURN MEASURES:

Return on common equity (average)

(Company)
Case No.
Comparative Financial Data

Data: Ba Date Certain:	se Period	Forecasted Pe	riod								Scl	hedulo	e D-5	
Type of Filin	—	Updated		vised							Pag	ge 4 (of 4	onsible:
							_	Most	Recent	Calendar	Years			
Line	ion	Foreca		Base	3	3	3	A		6	2	0	0	וח

Return on total capital (average)
Return on net plant in service
(average) - Total company***

OTHER FINANCIAL AND OPERATING DATA:

Mix of sales (gas and electric) Mix of fuel (gas and electric) Composite depreciation rates

^{***}If combination company, e.g., gas & electric, also show computation for each operation.

Data: Type of Fil	Base Period ing:Original	Forecasted F	eriod Revised		Schedule E-3 Page of Witness Responsible:
Schedule E-2 Page Reference	Type of Rate		Explanation of Change	Rationale for Change	Cost Support or

(Electric and Gas Utilities)

	of Fili	ase Period ng:OriginateOriginate	alUpda	ed Period tedR	evised ———				Page O Witness Re	f
							Base Period A	ctual		
				Actual Sales	Base Period Revenue Less Gas or		<pre>t of Revenue to Total Exclusive of</pre>	Actual		₹ of
Line	Rate	Schedule/	Customer	KW/KWH	Fuel Cost	Average	Gas or	Gas or Fuel	Revenue	Revenue
No.	Code	Description	Bills	NCF	Revenue	Rate	Fuel Costs	Cost Revenue	Total	to Total
	/31	(B)	(C)	(D)	(20)	(FEE+D)	(G)	(H)	(I*E+H)	(3)

	Base Period of Filing: Original paper Reference No(s).:	Forecasted Pe	riod Revised				***************************************	E-4 of esponsible:
		<u></u>	Ваве	Period	Foreca	sted Period		
Line		Access Lines	Mo. Rate (or	Annual	Mo. Rate (or	Annual	Increased Annual	% Increase
No.	Description	(or Items) (A)	Chge/Item) (B)	Revenues (C=AxBxl2)	Chge/Item) (D)	Revenues (E=AxDxl2)	Revenues (F=E-C)	(G= <u>E−C</u>) <u>(C)</u>

Residential one party
two party
four party
multi-party

Total residential

Business one party
two party
multi-party
multi-line

Total business

Total basic exchange rates

Other service types Total other Grand total

(F=DxE)

(E)

Code scription

(A)

(B)

(D)

(C)

Case No. ______ Actual Class and Schedule Revenue Summary (Water and Sewer Utilities)

(K=F-I)

 $(L=\underline{F-I})$

(I)

(J)

	of Fil	Base Period ing:Or eference No	iginal _	ecasted _Update		rised					Schedule E Page C Witness Re	of
				Ва	se Period	Actual		Fc	recasted Pe	riod		
Line	Rate	Class/De-	Customer	Sales	Prpsd,	Proposed Total	% of Revenue	Most Current	Current Annualized Total	% of Revenue	Dollar	Total Revenue
		scription	Bills	FT ³	Rate	Revenue	to Total	Rate	Revenue	to Total	Increase	Increase

(G)

(H)

(I)

	of Fil	ling:Or Reference No	iginal _	ecasted _Update 		vised					Page C	f
		· 		Base P	eriod-Anı			····	ed Period-A			Total
Line No.	Rate Code	Class/De- scription	Customer Bills	Sales FT ³	Prpsd. Rate	Proposed Total Revenue	% of Revenue to Total	Most Current Rate	Annualized Total Revenue	% of Revenue to Total	Dollar Increase	Revenue & Increase
	(A)	(B)	(C)	(D)	(E)	(F=DxE)	(G)	(H)	(1)	(J)	(K=F-I)	(L= <u>F-I</u>) (I)

Case No. _____

BASE PERIOD SALES

Revenues at Current Rates (Electric and Gas Utilities)

	of Filin	se Period g:Original erence No(s).:	ForecastedUpdated		đ -				s-4.1 of esponsible:
Line	Rate Code	Class/De-	Customer Bills	Sales KW/KWH NCP	Current Rates	Revenue Less Gas or fuel Cost Revenue	% of Revenue to Total Exclusive of Gas or Fuel Costs	Actual Gas or Fuel Cost Revenue	Revenue Total
	(A)	(B)	(C)	(D)	(E)	COSE REVENUE	(G)	(H)	(I=F+H)

Revenues at Proposed Rates (Electric and Gas Utilities)

	of Filin	se Period g: Original erence No(s).:	Forecasted Updated		ed —			Schedule I Page (Witness Ro	
Line No.	Rate Code	scription	Bills	MCP	Proposed Rates	Revenue Less Gas or fuel Cost Revenue	% of Revenue to Total Exclusive of Gas or Fuel Costs	Actual Gas or Fuel Cost Revenue	Proposed Revenue Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I≈F+H)

Case No. FORECASTED PERIOD

Revenues at Current Rates (Electric and Gas Utilities)

Data: Base Period Type of Filing: Orig Workpaper Reference No(s					sed			Schedule E Page o Witness Re	£
Line No.	Rate Code (A)	Class/De- scription (B)	Customer Bills (C)	Sales KW/KWH MCF (D)	Current Rates (E)	Revenue Less Gas or fuel Cost Revenue (F)	% of Revenue to Total Exclusive of Gas or Fuel Costs (G)	Forecasted Gas or Fuel Cost Revenue (H)	Revenue Total (I=F+H)

Case No. FORECASTED PERIOD

Revenues at Proposed Rates (Electric and Gas Utilities)

	f Filin	se Period g: Original erence No(s).:	ForecastedUpdated		eđ —			•	%-4.1 of esponsible:
Line	Rate Code	Class/De- scription	Customer Bills	Sales KW/KWH MCF	Proposed Rates	Proposed Revenue Less Gas or fuel Cost Revenue	to Total Exclusive of Gas or Fuel Costs	Forecasted Gas or Fuel Cost Revenue (H)	Proposed Revenue Total (I=P+H)

(Company)
Case No.
Typical Bill Comparison
(Telephone Utilities)

Data: Base Period			Schedule E-6 Page of Witness Responsible:
**************************************	Present Rates	Proposed Rates	Percent Change

Rate Group--

Business - Single Line Basic Exchange Other Local Exchange Toll Total Average Bill

Business - Multi-line
Basic Exchange
Other Local Exchange
Toll
Total Average Bill

Residence - Single line Basic Exchange Other Local Exchange Toll Total Average Bill

Case No.
Typical Bill Comparison
(Water and Sewer Utilities)

	Base Peri Filing: er Reference	Original	ecasted Period _UpdatedR	evised ——				Schedule Page Witness	E-6 of Responsible:
			Rat	e Data			Bil:	l Data	
Line No.	Level of Usage (A)	Most Current Rate (B)	Proposed Rate (C)	Dollar Increase (D=C-B)	Increase (E=D+B)	Current Bill (F)	Proposed Bill (G)	Dollar Increase (H=G-F)	% Increase (I=H+G)

(Company)

Case No.

Typical Bill Comparison
(Electric and Gas Utilities)

Data: Base Period Forecasted Period Type of Filing: Original Updated Revised Workpaper Reference No(s):						ed 				Schedule I Page C Witness Re	_
		Bill	l Data (1	Less Gas Or	Fuel Cost)			Current		
Line No.	Rate Code	Level of Demand	Level of Usage	Current Bill	Proposed Bill	Dollar Increase	% Increase	Gas or Fuel Cost Additions to Bill	Bill Incl. Gas or Fuel Costs	Proposed Bill Incl. Gas or Fuel Costs	Change
1101	COU	(A)	(B)	(C)	(D)	(E=D-C)	(F=E+C)	(G)	(H=C+G)	(I=D+G)	(J= <u>I−H</u>)