In the Matter of:
ADJUSTMENT OF RATES FOR WHOLESALE
ELECTRIC POWER TO MEMBER COOPERATIVES ; OF EAST KENTUCKY POVER COOPERATIVE, INC.

IT IS ORDERED that East Kentucky Power Cooperative, Inc., shall file with the Commission by December 8, 1980, the following information. Each copy of the data requested should be placed in a bound volume with each item tabbed. Where a number of sheets are required for an item, each sheet should be appropriately indexed. Careful attention should be given to copied material to insure that it is legible.

1. In comparative form, a total company income statement, a statement of changes in financial position, and a bance shect for the test year and the twelve-month period immediately preceding the test year.
2. A trial balance as of the last day of the test year (all income statement accounts should show activity for 12 months) showing account number, account title, and amount. Show the balance in each control and all underlying subaccounts per company books.
3. a. The balance in each current asset and each current liability account and subaccount included in the applicant's chart of accounts by months for the test year. Additionally, show total current assets, total current liabilities, and net current position (current assets less current liabilities) by months and average (13 month) for the test year. Provide a reconciliation of current assets, current liabilities, and net current position provided in response to the above with the current assets and current liabilities as shown on the balance sheet for each month of the test year.
b. A calculation of the average (thirteen month) and end-of-period long-term and short-term debt composite interest costr for the twelve months of the test year. Supporting detalls underlying calculations should be provided.
4. Provide calculations of embedded cost of long-term debt at the end of each calendar year for the previous five (5) years. Also provide the calculation for the end of the test period.
5. The following monthly account balances and a calculation of the average (thirteen month) account balances for the test year.
a. Plant in service (Account 101)
b. Plant purchased or sold (Account 102)
c. Property held for future use (Account 105)
d. Construction work in progress (Account 107)
e. Completed construction not classified (Account 106)
f. Depreciation reserve (Account 108)
g. Plant acquisition adjustment (Account 114)
h. Amortization plant acquisition adjustment (Account 115)
i. Materials and supplies (Accounts 151, 154.1, 154.3, 154.4, and applicable portion of 163)
j. Unpaid for balance in materials and supplies applicable to each account in $5 i$ above*
k. Balance in Accounts payable applicable to amounts included in utility plant in service*
6. Balance in Accounts Payable applicable to amounts included in plant under construction*
m. Short-term borrowings
n. Interest on short-term borrowings (expense)
7. The cash account balances at the beginning of the test year and at the end of each month during the test year.
8. Provide the following information for each item of electric property held for future use at the end of the test year:
a. Description of property
b. Location
c. Date purchased
d. Cost
e. Estimated date to be placed in service
f. Brief description of intended use
g. Current status of each project

[^0]8. Schedules in comparative form showing by months for the test year and the year preceding the test year the total company balance in each electric plant and reserve account or subaccount included in the applicant's chart of accounts as shown in Format 8 attached.
9. Provide the journal entries relating to the purchase of utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the inception of the Company. Also, a schedule showing the calculation of the acquisition adjustment at the date of purchase of each item of electric plant, the amortization period, and the unamortized balance at the end of the test year.
10. The detailed work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, proforma, end-of-period, and proposed rate adjustment which it supports.
11. a. A schedule showing a comparison of the balance in each operating expense account for each month of the test year to the same month of the preceding year for each account or subaccount included in the applicant's chart of accounts. See Format 8.
b. A schedule in comparative form showing the operating expense account balances for the test year and each of the five years preceding the test year for each account or subaccount included in the applicant's annual report (FPC Form No. 1, Pages 417-420). Show the percentage of increase of each year over the prior year.
c. A schedule of total company salaries and wages for the test year and each of the five calendar years preceding the test year as shown in Format 11 attached.
12. A schedule of total company net income per 1000 KFH sold per company books for the test year and the five years preceding the test year. This data should be provided as shown in Format 12 attached.
13. The comparative operating statistics as shown in Format 13 attached.
14. A schedule of average electric plant in service per 1000 KHH sold by account per company books for the test year and the five calendar years preceding the test year. This data should be provided as shown in Format 14 attached.
15. A statement of electric plant in service per company books for the test year. This data should be presented as shown in Format 15 attached.
16. a. Provide a detailed analysis of all (jurisdictional) charges booked during the test period for advertising expenditures. This analysis should include a complete breakdown of Account 913 Advertising Expenses, as shown in Format $16 a$ attached and further should show any other advertising expenditures included in any other expense accounts. The analysis should be specific as to the purpose of the expenditure and the expected benefit to be derived.
b. Provide an analysis of Account 930 - Miscellaneous

General Expenses for the test period. This analysis should show a complete breakdown of this account as shown in attached format $16 b$ and Purther provide all detalled working papers supporting this analysis. As a minimum, the work papers should show the date, vendor, reference (i.e. voucher no., etc.), dollar amount and brief description of each expenditure. Detalled analysis is not required for amounts of less than $\$ 50$ provided the items are grouped by classes as shown in Format $16 b$ attached.
c. Provide an analysis of Account 426 - Other Income Deductions for the test period. This analysis should show a complete breakdown of this account as shown in attached Format $16 c$, and further provide all detailed working papors supporting this analysis. As a minimum the work papers should show the date, vendor, reference (i.e., voucher no., etc.), dollar amount and brief description of each expenditure. Detailed analysis is not required for amounts of less than $\$ 500$ provided the items are grouped by classes as shown in Format 16 c attached.
17. A detailed analysis of contributions for charitable and political purposes (in cash or services), if any, recorded in accounts other than Account 426. This analysis should indicate the amount of the expenditure, the recipient of the contribution and the specific account charged.
18. The amount of contributions for political purposes (in cash or services) if any.
19. A statement describing the applicant's lobbying activities and a schedule showing the name of the individual, his salary, his organizations and/or trade associations involved in, and all companypaid or reimbursed expenses or allowances and the account charged for all personnel for whom a principal function is that of lobbying, whether it be lobbying on the local, state, or national level.
20. A schedule showing the test year and the year preceding the test year with each year shown separately the following information regarding the applicant's investments in subsidiaries and joint ventures:
(1) Name of subsidiary or joint venture
(2) Date of initial investment
(3) Amount and type of investment made for each of the two (2) years included in this report
(4) Balance sheet and income statement for the test year and the year preceding the test year. Where only internal statements are prepared, furnish copies of these.
(5) Show on a separate schedule all income of any type received by applicant from its subsidiaries or joint ventures for each of the two (2) year report periods and indicate how this income is reflected in the reports filed with the Commission and the stockholder reports.
(6) Name of officers of each of the subsidiaries or joint ventures, officer's annual compensation, and portion of compensation charged to the subsidiary or joint venture. Also, indicate the position each officer holds with the applicant and the compensation received from the applicant.
21. a. A schedule showing by month the dollar amount of fuel purchased from affiliated and nonaffiliated suppliers for the test year.
b. A calculation of the dollar amount paid for fuel purchased each month from affiliated suppliers for the test year.
c. A calculation showing the average (thirteen month) number of days' supply of coal on hand for the test year and each of the five years preceding the test year (include a copy of all work papers). Also, include a written detailed explanation of factors considered in determining what constitutes an average day's supply of coal.
22. A listing of nonutility property and property taxes and the account where those amounts are recorded.
23. Rates of return in Format 23 attached.
24. Employee data in Format 24 attached.
25. A calculation of the rate or rates used to capitalize interest during construction for the test year and the three preceding calendar years. Provide a narrative explanation of each component entering into the calculation of this rate.
26. A schedule reflecting additional debt issued and outstanding subsequent to the test year including the amount, date of issue, maturity date, rate of interest and in whose favor.
27. A list of generation units completed or under construction during the test year. This list should include the capacity, actual or estimated total cost, type of fuel to be utilized, and the in-service or estimated completion date for each unit.
28. Purchased power costs for the test year. These costs should be separated into demand and energy costs. The actual KW demands and KWH purchased should be included.
29. Actual fuel costs for the test year. The costs should be given in total dollars, cents per KWH generated, and cents per MBTU for each type fuel. Data should also be supplied on the actual amounts of each type of fuel used, the number of BTUs obtained Prom each type of fuel, and the KWH generated by each type of fuel.
30. Provide a detailed analysis of the estimated operating costs of any generating units declared commercial during or subsequent to the test year.
31. A listing of present or proposed research efforts dealing with the pricing of electricity and the current status of such efforts.
32. What is the date of the last depreciation study prepared by or for your company? When is the next planned study?
33. When were the latest depreciation study findings and recommendations implemented?
34. For purposes of booking depreciation expense to what depreciable plant base does the company apply accrual rates?
a. Average of beginning and end-of year estimated balances.
b. Average of January 1 and July 1 balances.
c. End-of-month plant balances.
d. Other. Explain.
35. If averages of beginning and end-of-year estimated balances are used, are estimated additions revised when actual amounts are known?
36. How is estimated net salvage treated?
a. The depreciable plant base is increased or decreased as appropriate.
b. The accrual rate is adjusted to reflect the net salvage percentage of plant original cost.
37. What method is used to allocate total depreciation requirements to accounting periods falling within the asset life span?
a. Straight-line method.
b. Compound interest or sinking fund method.
c. Unit of production.
d. Combination of methods. Explain.
38. How are mass property units priced for retirement purposes?
a. Actual cost.
b. First in - first out.
c. Moving average cost.
d. Yearly average cost.
e. Average costs for each year or bands of years (state band of years used).
f. Other. Explain.
39. Are company estimates of service life and net salvage

## determined:

a. For each unit of property (unit summation for plant groupings (i.e., an entire transmission line), or by plant location (i.e., a specific compressor station or structure). Explain.
b. For each primary plant account or subaccount.
c. For plant functional classification only?
d. For all system depreciable plant (i.e., a single composite estimate)?
e. Other? Explain.
40. Are accruals based on estimates of:
a. Total service period of the asset(s)?
b. Total remaining service period of the asset(s)?
c. Average service life for a plant group?
d. Average remaining life for a plant group?
e. Other? Specify?
41. Are accrual rates based on estimates of:
a. Historical gross salvage?
b. Future gross salvage?
c. Average of historical and future gross salvage?
d. Historical cost of removal?
e. Future cost of removal?
f. Average of historical and future cost of removal?

Done at Frankfort, Kentucky, this $18 t h$ day of November, 1980.


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11. Total of salaries and wages Wages capitalized ( $87+97$ y8noxy7 27) วsuadxz pa8ieyo so8em pue sofietes tejol
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East Kentucky Power Cooperative, Inc.
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East Kentucky Power Cooperative, Inc.
Case No. 7981
NET INCOME PER 1000 KWH SOLD
For the Calendar Year 1975 through 1979
And for the 12 Months Ended June 30, 1980
(000's)
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```
Operating Income
        Operating Revenues
    Operating Income Deductions
        Operation and maintenance expenses:
            Fuel
            Other power production expenses
            Transmission expenses
            Distribution expenses
            Customer accounts experise
            Sales expense
            Administrative and general expense
            Total (L15 through L11)
    Depreciation expenses
    Amortization of wtility plant acquisition
        adjustment
    Taxes other than income taxes
    Income taxes - Federal
    Income taxes - other
    Provision for deferred income taxes
    Investment tax credit adjustment - net
                            Total utility operating expenses
Net utility operating income
Other Income and Deductions
    Other income:
            Nonutility operating income
            Equity in earnings of Subsidiary Company
            Interest and dividend income
            Allowance for funds used during construction
            Miscellaneous nonoperating income
            Gain on Disposition of Property
            Total other income
    Other income deductions:
            Loss on Disposition of Property
            Miscellaneous income deductions
            Taxes applicable to other income and deductions:
                Income taxes and investment tax credits
                Taxes other than income taxes
                    Total taxes on other income and deductions
    Net other income and deductions
```


# East Kentucky Power Cooperative, Inc. <br> Case No. 7981 <br> NET INCOME PER 1000 KWH SOLD <br> For the Calendar Year 1975 through 1979 <br> And for the 12 Months Ended June 30, 1980 <br> (000's) 

12 Months Ended

| Calendar YearsPrior to Test Yea |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Test |
| h | 4th | 3rd | 2nd | 1st | Yea |
| (b) | (c) | (d) | (e) | (f) | (g) |

line
No.
$\frac{\text { Item }}{\text { (a) }}$
Interest Charges
Interest on long-term debt
Amortization of debt discount and expense
Ahortization of premium on debt - credit Other interest expense
Total interest charges
45. Net income
46. 1000 KWH sold




Pormat 13
Sheet 2 of 2

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 plant in service




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For the Calendar Year 1975 Through 1979 and the 12 Months Ended June 30, 1980

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Total production plant

 Accessory electric equipment Prime movers
Generators
Fuel holders, producers and accessories
Prime movers Structures and improvements







|  | ـ <br>  |  |
| :---: | :---: | :---: |

(a)
Other Production plant
Land and land rights
Structures and improvements
Fuel holders, producers and accessories
Prime movers
Generators
Accessory electric equipment
Miscellaneous power plant equipment
Completed construction - not classified
Total other production plant
Total production plant

Transmission Plant
Land and land rights
Structures and improvements
Station equipment
Towers and fixtures
Poles and fixtures
Overhead conductors and devices
Underground conduit
Underground conductors and devices
Roads and trails
Completed construction - not classified
Total transmission plant
Distribution plant
Land and land rights
Structures and improvements
Station equipment
poles, towers and fixtures
overhead conductors and devices
Underground conduit
Underground conductors and devices
Line transformers
Services
Meters
Installations on customers
Leased property on customers premises pises
Street lighting and signal systems
Completed construction - not classified
Total distribution plant

## :




# East Kentucky Power Cooperative, Inc. <br> Case Number 7981 <br> ACCOUNT 913 - ADVERTISING EXPENSE <br> For the 12 Months Ended June 30, 1980 <br> (Total Company) <br> (000's) 

Sales or
Line
Item
(a)

Promotional
Advertising
(b)


1. Newspaper

1
2. Magazines and Other
3. Television
4. Radio
5. Direct Mail
7. Sales Aids
8.

Total

## East Kentucky Power Cooperative, Inc.

## Case Number 7981

ACCOUNT 930 - MISCELLANEOUS GENERAL EXPENSES
For the 12 Months Ended June 30, 1980
(Total Company)
$\left(000^{\prime} \mathrm{s}\right)$
Line
Item
No.
(a)
Amount
(b)

1. Industry Association Dues
2. Institutional Advertising
.3. Conservation Advertising
3. Rate Department Load Studies
4. Water, and Other Testing and Research
5. Directors' Fees and Expenses
6. Dues and Subscriptions
7. Miscellaneous
8. . Total

East Kentucky Power Cooperative, Inc. Case Number 7981<br>ACCOUNT 426 - MISCELLANEOUS INCOME DEDUCTIONS<br>For the 12 Months Ended June 30, 1980<br>(Total Company)<br>( 000 's)

$\begin{array}{ll}\text { Line } & \text { Item } \\ \text { No. } & \text { (a) }\end{array}$

1. Donations
2. Civic Activities
3. Political Activities
4. Other
5. Total

# East Kentucky Power Cooperative, Inc. <br> Case Number 7981 <br> AVERAGE RATES OF RETURN <br> 12 Months Ended June 30, 1980 

```
Line Calendar Years
No.
Prior to Test Year
(a)
1. Original Cost Net Investment:
2.
5th Year
3.
4th Year
4. 3rd Year
5. 2nd Year
6.
1st Year
7. Test Year
8. Times Interest Earned Ratio:
9.
10.
4 th Year
11.
3rd Year
12. 2nd Year
13.
14. Test Year
1st Year
15. Debt Service Coverage
16. 5th Year
17. 4th Year
18. 3rd Year
19.
20.
21.
2nd Year
1st Year
Test Year
HOTE: Provide workpapers in support of the above calculations.
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2nd Year
ә8ивчу \%
3rd Year
ә8иечэ \%
4th Year
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the test year.
Employas, yar. Show percent increase (decrease) of each year over the prior year on lines designated above "\% Change." argest portion of total vages.
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