October 18, 1972

IDENTICAL PLEADINGS WERE ALSO ADDRESSED TO:

City of Lexington

City of Monroe

Town of Landis

City of Shelby

City of Albemarle

Town of Drexel

Town of Granite Falls

Town of Lincolnton

City of Statesville

Town of Cornelius

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UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

In the Matter of	)	
	)	Docket Nos. 50-269A, 50-270A
DUKE POWER COMPANY	)	50-287A
(Oconee Units 1, 2 and 3	)	50-369A, 50-370A
McGuire Units 1 and 2)	)	

APPLICANT'S INITIAL INTERROGATORIES AND REQUEST FOR DOCUMENTS

Duke Power Company (hereinafter "Applicant") propounds the attached Initial Interrogatories and Request for Documents to the City of High Point (hereinafter "municipality") with the request that the interrogatories be answered under oath and the documents requested be produced, both to be completed on or before the 13th day of December, 1972.

Through negotiations between counsel, certain of the interrogatories and document requests have been modified from their original form. Those provisions which have been modified are indicated in the attached document by the word "REVISED" in the margin. In those instances, reference should be made to the document entitled "Modifications Agreed Upon by Applicant and Intervenors to Applicant's Initial Interrogatories and Request for Documents" which is also attached.

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Definitions and General Directions

1. "Document" means the original, any copy (regardless of origin), and all drafts of all writings of every kind in the possession, custody or control of the municipality or its electric system, including all drafts of correspondence, memoranda, reports, financial reports, vouchers and other accounting records, notes, letters, telegrams, messages (including reports of telephone conversations and conferences), studies (including, but not limited to, load flow, engineering, general economic and market studies), analyses, comparisons, books magazines, newspapers, booklets, circulars, bulletins, notices, instructions, minutes and other communications, including inter- and intra-office communications, transcripts, purchase orders, questionnaires and surveys, maps, charts, graphs, electrical or geographic diagrams including those known in the trade as "one line diagrams", photographs, phonograph or other recordings and other data compilations from which information can be obtained.

In all cases where documents are requested, legible copies should be submitted.

Each document produced and answer hereto should identify the Interrogatory number (and subparagraph, if any) to which it is responsive and should be arranged serially according to such number.

2. "Electric utility" and "utility" means any private corporation, cooperative or membership corporation, municipality, or any political subdivision, agency or instrumentality of the Federal or any state or municipal government which owns or controls facilities for the generation, transmission or distribution of electrical power and energy, or which in the past has done so.

3. "Coordination" and "coordinating" shall include, but are not limited to, reserve sharing, economic dispatch or economic interchange, and pooling of load growth for joint or staggered additions of generating or transmission facilities.

4. "Integration" and "integrating" shall mean the coordination or coordinating of bulk power supply facilities by a single utility or by two or more utilities owned or controlled by a common entity or common financial interest.

5. The account titles used herein shall be defined as in the Uniform System of Accounts Prescribed for Public Utilities and Licensees (Class A and B).

6. In all cases where data are requested by years, indicate whether the information is provided on a calender or fiscal year basis. Such basis shall be the usual accounting period used by the system. If data are provided on a fiscal year basis, state the day on which each fiscal year ended and provide data through fiscal year 1972 if such fiscal year ended on or before August 31, 1972.

7. Except where otherwise indicated, all data and other information requests pertain only to the municipality's electric system, however such system is designated.

8. In the event any document requested in these Interrogatories is unavailable, specify in detail the reason therefor.

9. If any document requested is available, but is withheld by reason of any assertion of privilege or other claim, describe each such document, including the name, address and position of the person preparing and receiving it, the form of the document, its title (if any) and the matter to which it relates. In addition, provide a brief statement of the grounds on which privilege or other claim is being asserted.

In any case where a refusal to respond to an Interrogatory is based on an assertion of privilege or other claim, provide a brief statement of the circumstances involved, the name and address of any person concerned and the grounds on which privilege or other claim is being asserted.

10. Answers to Interrogatories referring to documents shall include all documents relating to the time period specified in each of said Interrogatories, whether prepared before, during or after said period.

11. If any question is inapplicable, so state and provide a brief explanation of why the Interrogatory is inapplicable.

Initial Interrogatories and Request for Documents

1. For each year 1960 to date furnish copies of all financial, operating, load and capacity reports or statements pertaining to the municipality's electric system and which have

been submitted to the Federal Power Commission, the North Carolina Utilities Commission, the Edison Electric Institute, the American Public Power Association, Electric Power in Carolina, Incorporation, ElectriCities of North Carolina or the Piedmont ElectriCities Association, or to any local governing authority or official.

2. For each year 1960 to date furnish copies of all public reports, writings or notices of any type reflecting the financial or operating condition of the electric system of the municipality.

3. State the name by which the municipality's electric system[1/] is designated (e.g. Electric Department, Public Works Department) and its place in the structure of the municipality (e.g., division, agency, department), if not obvious from its name.

4. (a) Furnish copies of all electric rate schedules, tariffs, rate contracts or agreements, conditions and terms of service or any other statement of rates applicable to each customer class served by the system and in effect at any time during the period January 1, 1960 to date.

(b) Define in detail the customer characteristics required for service under each rate schedule, tariff, rate contract or agreement provided.

1/ Hereinafter "system".

5. (a) Identify all electric rate schedules, tariffs and rate contracts or agreements furnished in response to Interrogatory 4 under which five or fewer customers are served.

(b) Furnish the name and address of each customer so served and for each year 1960 to date state each such customer's annual peak demand, annual kilowatt-hour consumption and the gross annual electric revenues received by the system from such customer.

REVISED 6. (a) State whether in the period 1960 to date, the municipality or the system, or any employee or agent of the municipality or the system, has proposed, or discussed the possibility of proposing, to any customer or other person any electric rate schedule, tariff, rate contract or agreement, conditions and terms of service or any other statement of rates other than those furnished in response to Interrogatory 4.

(b) Furnish any documents relating to such proposals.

7. (a) Furnish copies of all fuel, purchased power, materials, commodity, tax, wage or other adjustment clauses or surcharges applicable to each rate schedule, tariff, rate contract or agreement in effect at any time during the period January 1, 1960 to date.

(b) State the adjustment level applicable on January 1 and June 30 of each year 1960 through 1972 and explain the basis on which each adjustment was determined.

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8. State the effective date and describe the substance of each change made in any rate schedule, tariff, contract, agreement or terms and conditions of service at any time during the period January 1, 1960 to date. State the effect on revenues of each change in dollar and percentage terms.

9. List the name and address of each customer served under a rate schedule, tariff, contract, agreement, or any arrangement for service other than those described in response to Interrogatory 4. Describe the rates and other terms and conditions upon which each such customer has been served during the period January 1, 1960 to date, and describe each customer's annual peak demand and annual kilowatt-hour consumption and the gross annual revenues received by the system from each such customer.

10. For each of the dates January 1, 1961, January 1, 1966, January 1, 1971, January 1, 1972, and June 30, 1972, furnish typical net monthly bills for electric service employing the assumptions and definitions set forth in Attachment A for each of the following customer classifications and monthly demand-energy combinations (designate the rate schedule used for each calculation and identify any discount or special charge):

(a) Residential

(i) minimum bill and number of kilowatt-hours included; indicate the number of minimum bills rendered in each month of each of these years;

(ii) 100 kilowatt-hours;

(iii) 250 kilowatt-hours;

(iv) 500 kilowatt-hours;

(v) 750 kilowatt-hours;

(vi) 1,000 kilowatt-hours;

(vii) 1,500 kilowatt-hours;

(b) Commercial

(i) 3.0 kilowatts-375 kilowatt-hours;

(ii) 6.0 kilowatts-750 kilowatt-hours;

(iii) 12.0 kilowatts-1,500 kilowatt-hours;

(iv) 30.0 kilowatts-6,000 kilowatt-hours;

(v) 40.0 kilowatts-10,000 kilowatt-hours;

(vi) 50.0 kilowatts-12,500 kilowatt-hours;

(vii) 50.0 kilowatts-15,000 kilowatt-hours;

(viii) 100.0 kilowatts-25,000 kilowatt-hours;

(ix) 100.0 kilowatts-30,000 kilowatt-hours;

(x) 250.0 kilowatts-62,500 kilowatt hours;

(xi) 250.0 kilowatts-75,000 kilowatt-hours;

(c) Industrial

(i) 75 kilowatts-15,000 kilowatt-hours;

(ii) 75 kilowatts-30,000 kilowatt-hours;

(iii) 150 kilowatts-30,000 kilowatt-hours;

(iv) 150 kilowatts-60,000 kilowatt-hours;

(v) 300 kilowatts-60,000 kilowatt-hours;

(vi) 300 kilowatts-120,000 kilowatt-hours;

(vii) 500 kilowatts-100,000 kilowatt-hours;

(viii) 500 kilowatts-200,000 kilowatt hours;

(ix) 1,000 kilowatts-200,000 kilowatt-hours;

(x) 1,000 kilowatts-400,000 kilowatt-hours;

(xi) 1,500 kilowatts-300,000 kilowatt-hours;

(xii) 1,500 kilowatts-600,000 kilowatt-hours;

(xiii) 2,500 kilowatts-1,000,000 kilowatt-hours.

REVISED 11. (a) For each municipality, township or other incorporated or unincorporated area served by the system, state for each year 1960 through 1971 the name and address of:

(i) the five industrial and five commercial customers consuming the largest number of kilowatt hours of electricity supplied by the system; and

(ii) any customer whose demand equalled or exceeded 100 kilowatts.

REVISED (b) For each customer named in response to Interrogatory 11(a) state for each month of 1960 through 1971 the following:

(i) kilowatt-hour sales to the customer;

(ii) revenues derived from the customer;

(iii) the customer's peak demand;

(iv) the monthly load factor for the customer;

(v) applicable rate schedules for service to the customer;

(vi) the minimum monthly charge applicable to the customer;

(vii) the voltage at which service was provided to the customer.

REVISED 12. (a) State the length and voltage of each transmission or distribution line running from the bulk power supply delivery point to each of the customers identified in response to Interrogatory 11. Describe each delivery point used.

REVISED (b) State separately the cost of constructing each line and the cost and description of each related facility required to deliver power to such customers.

REVISED (c) In any case where more than one customer is served from the line(s) described in response to subparagraph (a) of this Interrogatory, state the length and voltage of each line running from the common transmission and/or distribution facility to the customer identified in response to Interrogatory 11.

13. Furnish copies of all documents relating in any way to cost of service studies, bill frequency analyses, cost or profitability analyses by customer class and/or for the system as a whole prepared by or for the system during the period January 1, 1960 to date. Describe any similar or related studies presently being prepared by or for the system, including, but not limited to: the date on which such study was initiated; the name of the system's employee responsible for the preparation of such

study or, if the study is being prepared by an individual or organization retained by or on behalf of the system, the name and address of such entity; the planned completion date of the study; and a general description of the purposes and subject matter of the study.

REVISED 14. (a) State whether the system or the municipality, or any agency or department of the municipality, at any time from January 1, 1960 to date has had an industrial development department or an individual or a group of individuals which has engaged in activities or other efforts, alone or with any other person or entity, designed to attract commercial and/or industrial facilities to locate in the municipality or within the area served by its electric facilities. If so:

(i) state the name and address of such department or individual(s);

(ii) provide the name and address of each person in charge of such activities or other efforts during the period January 1, 1960 to date together with the dates during which such person held such position;

(iii) provide the name and address of any person or other entity with whom the system engaged in such activities or other efforts and the dates during which it did so.

REVISED (b) State whether the system or the municipality, or any agency or department of the municipality, at any time from January 1, 1960 to date has retained, employed or consulted with

any person or organization to advise on, investigate or in any way conduct activities or other efforts designed to attract commercial and/or industrial facilities to locate in the municipality or within the area served by its electric facilities. If so, provide the name and address of each person or organization employed, retained or consulted with for this purpose during the period January 1, 1960 to date, together with the name of the entity by whom and the dates during which such person or organization was employed, retained or consulted.

(c) Describe in detail the activities or other efforts undertaken during the period January 1, 1960 to date by the system or the municipality, or any agency or department of the municipality, or by any person or other entity employed, retained or consulted by or on behalf of the system or the municipality or any of its agencies or departments, to attract commercial and/or industrial facilities to locate in the municipality or within the area served by any of its sewage, gas, water, or electric facilities, specifying in each case the name of the entity conducting such activity or other efforts and the dates relevant thereto.

(d) Furnish a copy of any document relating to the activities described in subparagraphs (a) to (c) of this Interrogatory.

15. State whether the system or the municipality or any agency or department thereof, has prepared, or caused to be

prepared, surveys, made site investigations or engaged in, or caused others to engage in, other activities or other efforts for the purpose of encouraging increased use of electricity or to analyze the potential for locating commercial and/or industrial facilities in the area served with electric power or other utility services by the municipality. If so, furnish copies of all advertising, brochures, letters or other documents prepared in regard thereto from January 1, 1960 to date for the purpose of encouraging commercial and/or industrial customers to locate in the service area of the system or for the purpose of encouraging increased use of electricity in said service area.

REVISED 16. (a) Provide the name and address of each commercial and/or industrial customer or potential customer with whom any discussion, approach or other contact was made during the period January 1, 1960 to date utilizing, in whole or in part, information or material described in Interrogatory 14 or 15.

REVISED (b) Furnish copies of all documents relating to each such discussion, approach or contact.

17. Furnish a copy of your system's charter, and any other document, statute or provision, which evidences the system's right to organize and operate, together with any rules, regulations, bylaws or other similar directives promulgated by the system or any other entity which govern its organization and operations. Furnish a copy of any amendment to or suspension or repealer of the aforesaid documents adopted, or in effect, during the period January 1, 1960 to date.

18. State whether the municipality has, or had at any time during the period January 1, 1960 to date, an ordinance or other statute, regulation, rule or order requiring that any person or any class of persons inside or outside the corporate limits purchase electricity from its system. If so, furnish a copy of each such ordinance or other statute, regulation, rule or order and state the time period in which each was effective.

19. (a) Does the system, the municipality, or any of its departments, agencies or agents, now suggest, recommend or require or has it ever suggested, recommended or required that a person or other entity served by the municipality's gas, water and/or sewage facilities, also purchase electricity from the municipality. If so, furnish a copy of each document relating in any way to such suggestion, recommendation or requirement.

(b) State whether and under what circumstances the municipality's electric service has, since January 1, 1960, been made a condition for receiving the municipality's gas, sewage and/or water service.

(c) Describe any discount or any other inducement, whether or not related to the provision of other services provided by the municipality, offered by the system or the municipality, or any agency or department thereof, during the period January 1, 1960 to date if the municipality's electric service were taken.

(d) Describe the terms and conditions on which

electric service has been provided to each customer class, or to any individual customer for which a contract is now, or was in effect at any time since January 1, 1960 to date, pursuant to any suggestion, recommendation or requirement referred to in subparagraphs (a) through (c) of this Interrogatory and furnish copies of all documents relating thereto.

20. State the current rates, respectively, of any real estate, personal property, gross receipts, income or other taxes imposed by the municipality or any of its agencies or departments.

21. State the rates in effect at any time during the period January 1, 1960 to date of each tax specified in response to Interrogatory 20 or any other tax imposed by the municipality during that period and indicate the dates during which each rate was in effect.

22. (a) Is real property presently assessed at true value?

(b) If any real property is now, or at any time since January 1, 1960 has been, assessed at other than true value, set forth:

(i) the type of property (residential, commercial, industrial, e.g.) for which a lesser or different valuation is or was assessed;

(ii) the effective date(s) of such valuation;

(iii) the percentage of true value that the assessed valuation represents for each type of property.

23. Furnish copies of each document prepared for or by the system or the municipality, or any agency or department of the municipality, relating to the effect of municipal ownership of an electric power system on electricity rates or quality of service, industrial development, municipal tax rates, or moneys or services provided by the electric system to any other municipal department, agency or activity.

24. (a) State the system's operating revenues, excluding any sales tax receipts, for each year 1960 through 1971.

(b) State whether the figures provided include an imputation for the value or cost of services donated to or provided to the municipality or any of its agencies or departments. If so:

(i) state the amount of any such imputation;

(ii) state whether each amount is classified as a tax equivalent.

25. (a) State the system's operating expenses for each year 1960 through 1971.[2/]

2/ In response to this Interrogatory and to all others indicated by an asterisk use the same time period as was used in response to Interrogatory 24; e.g., if calendar years were used there, use calendar years, if fiscal years ending June 30, use fiscal years ending June 30. Data should be provided for each year ending on or before August 31, 1972.

(b) State whether the figures provided in response to subparagraph (a) of this Interrogatory include an imputation for the value or cost of services donated to or provided to the municipality or any of its agencies or departments. If so:

(i) state the amount of any such imputation;

(ii) state how that value was determined;

(iii) state whether this amount is classified as a tax equivalent;

(iv) state whether this imputation is included in the system's operating revenue figures furnished in response to Interrogatory 24.

26. State the annual depreciation and amortization expense applicable to the system's electric plant(s) for each year 1960 through 1971.* State the basis on which such expenses were calculated.

27. State the amount of taxes paid which are applicable to electric operations for each year 1960 through 1971.*

(a) Classify such taxes by type (e.g., local property, franchise, federal income, etc.);

(b) State to whom paid;

(c) State on what date each tax was paid;

(d) State whether these taxes are included for each year in the system's operating expense data furnished in

response to Interrogatory 25. If so, state for what year and under what account designation.

28. (a) State the amount of tax equivalents for each year 1960 through 1971.*

(b) Describe in detail each service provided or payment made which is classified by the system as tax equivalents and set forth:

(i) the estimated value given to each such service in each year;

(ii) the method by which the value of any service donated to or provided to the municipality or any of its agencies or departments was determined;

(iii) whether each amount specified in response to subparagraphs (a) and (b) of this Interrogatory is included in the operating revenue and expense data furnished in answer to Interrogatories 24 and 25, respectively.

REVISED 29. (a) State the cost and estimated value of, and describe in detail each service donated to or provided to the municipality or any of its agencies or departments.

(b) List the amount and date of each payment made to the municipality, or any of its agencies or departments, which is not classified as a tax equivalent but is included in the operating revenue and cost data furnished in response to Interrogatories 24, 25 and 28.

(c) For each payment specified in response to subparagraph (b) of this Interrogatory, state how the

value of any service donated to or provided to the municipality or any of its agencies or departments was determined.

30. State the amount of the total funds transferred by the system to the general funds, or other account, of the municipality or to the account of any other municipal department or agency during each year 1960 through 1971.* In each case specify:

(a) the amount;

(b) title of the account to which such funds were transferred;

(c) the year in which such transfer was made;

(d) the year in which it is reflected in the data.

31. State the total kilowatt-hours supplied to the municipality and any of its agencies and departments by the system for each year 1960 through 1971* and the total revenues actually derived therefrom for each such year.*

32. State the price per kilowatt-hour paid by the municipality and any of its agencies and departments for electric energy supplied to it by the system during each year 1960 through 1971.*

33. State the system's total electric plant in service, accumulated provisions for depreciation of electric utility plant and net electricity utility plant at the end of each year 1960 through 1971.*

34. (a) State the electric total transmission plant in service and the accumulated provisions for depreciation of electric utility transmission plant at the end of each year 1960 through 1971.*

(b) For each year 1960 through 1971 state the basis on which the system classified such facilities as transmission plant.

35. (a) State the electric total distribution plant in service and the accumulated provisions for depreciation of electric utility distribution plant at the end of each year 1960 through 1971.*

(b) For each year 1960 through 1971 state the basis on which the system classified such facilities as distribution plant.

36. State the total outstanding long-term debt attributable to electric utility operations at the end of each year 1960 through 1971* and state the type, the date of issuance, the maturity date, the principal amount and the interest rate of securities or other documents evidencing this debt as of each of said dates.

37. State the total outstanding short-term debt attributable to the electric utility operations at the end of each year 1960 through 1971 and state the type, the date of issuance, the maturity date, the principal amount and the interest rate of the securities or other documents evidencing this debt as of each of said dates.

38. (a) State the total interest, respectively, on long-term debt and on short-term debt attributable to electric utility operations during each year 1960 through 1971.*

REVISED (b) For each year 1960 through 1971, state whether the amount of short-term interest specified in response to subparagraph (a) of this Interrogatory was included as an operating expense in data furnished in response to Interrogatory 25. If not, state how much of such interest was included in the operating expense data.

39. State the interest rate on the most recent bond issue of the municipality, or any agency or department thereof, the date of said issue and its maturity date.

40. State the most recent credit rating applicable to debt instruments of the system or the municipality.

41. State the amount of construction work in progress-electric at the end of each year 1960 through 1971.*

42. State the amount of customer contributions in aid of electric plant construction at the end of each year 1960 through 1971.*

43. State the amount of each of the following expenses for each year 1960 through 1971:*

(a) Customer accounts expenses;

(b) Administrative and general expenses;

(c) Distribution expenses;

(d) Transmission expenses.

44. (a) State the effective date of and describe in detail each change in record keeping, accounting methodology or reporting which affects the strict comparability over the requested time periods of the material furnished in response to Interrogatories 24 through 43.

(b) If any such change has occurred, furnish data in response to Interrogatories 24 through 43 which are adjusted for each such change and are comparable over the time period 1960 through 1971.

45. For each year 1960 through 1971, if other services such as gas, water or sewage are supplied by the same municipal department, agency, or like entity which supplies electric service, specify:

(a) The costs which are allocated among these services and describe the basis on which each cost is allocated;

(b) Describe any allocation of general or common plant to electric operations and the basis on which each such allocation was made.

46. For each year 1960 through 1971 state the municipal electric system's annual kilowatt-hour sales, average and year-end number of customers, and annual revenue, by class of customer (residential, commercial, industrial, other and ultimate):

(a) Within the municipality's corporate limits;

(b) For each township, incorporated or unin-

corporated area served outside of the corporate limits of the municipality;

(c) Total used in response to Interrogatory 24.

47. (a) State in detail the basis used in each year for classifying customers into the residential, commercial, industrial and other classifications employed in response to Interrogatory 46.

(b) If this basis has been changed at any time during the period covered by Interrogatory 46, state the date(s) on which such change(s) became effective and describe the substance of such change.

(c) If any change is noted in response to subparagraph (b) of this Interrogatory, furnish data in response to Interrogatory 46 which are adjusted for each such change and are comparable over the time period 1960 through 1971.

48. State whether the data furnished in response, respectively, to Interrogatories 46 and 47 include customers counted more than once who are served by more than one meter and/or served under more than one rate schedule. If so, state average and year-end number of customers eliminating such duplication for each of the classes, service areas and time periods furnished in response to Interrogatory 46 and/or 47.

49. (a) State in detail the basis used by the system for categorizing customers into the "farm, excluding irrigation and drainage pumping", "irrigation and drainage pumping",

"nonfarm-residential", "commercial", "industrial", and other classifications utilized in completing either Schedule 4 of the Federal Power Commission's (FPC) Form 12A for the year ended December 31, 1971 or Schedule 10 of the Federal Power Commission's Form 12 for the year ended December 31, 1971.

(b) State whether a different basis ever has been used during 1960 through 1971 for purposes of reporting to the FPC on Forms 12 or 12A? If so, state the date(s) on which such change(s) became effective and describe the substance of each such change.

50. State the number of customers and kilowatt-hour sales by customer class for each of the years ended December 31, 1960 through December 31, 1971 using the same customer classification and accounting method used in reporting to the FPC on Schedule 4 of Form 12A or Schedule 10 of Form 12 for the year ended December 31, 1971.

51. State whether the data furnished in response to Interrogatory 50 include customers counted more than once who are served by more than one meter and/or served under more than one rate schedule. If so, state average and year-end number of customers eliminating such duplication for each of the classes and time periods furnished in response to Interrogatory 50.

52. (a) For the municipality or for each township, incorporated or unincorporated area served by the system, state the names and addresses of the system's ten largest customers

in terms of annual kilowatt-hour consumption which ceased taking electric service form the system during the period 1960 to date. In making this determination, use the kilowatt-hours consumed by each such customer in the full year preceding such termination.

(b) State the reasons, if known, for the loss of each customer specified in response to subparagraph (a) of this Interrogatory, and the date each terminated service.

(c) State whether any service drops or other facilities were transferred by the system to any other electric supplier as a result of such termination. If so, specify:

(i) the facilities transferred;

(ii) the compensation, if any, received by the system for such transfer;

(iii) the date on which such transfer was made.

(d) Furnish all documents relating in any way to the loss of each such customer or the facilities transferred in connection with such loss of customer.

(e) Name the electric supplier who now serves each customer named in response to subparagraph (a) of this Interrogatory.

53. (a) For the municipality and for each township, incorporated or unincorporated area served by the system, state the names and addresses of the system's ten largest customers in terms of annual kilowatt-hour consumption which began taking electric service from the system during the period 1960 to date.

In making this determination, use the kilowatt-hours consumed by each such customer during 1971, or fiscal year 1972 if such fiscal year ended on or before August 31, 1972. State the date on which service was initiated to each such customer.

(b) State which of such customers were acquired as a result of relocation into the service area of the system, from where each came and the utility previously supplying electricity to each such customer.

(c) As to each of those customers for which relocation was not involved, state:

(i) the electric utility formerly providing service to each of the customers in question;

(ii) the reasons for the change in electricity suppliers.

(d) State whether any service drops or other facilities were transferred by the utility formerly providing service to the system as a result of acquiring the new customer. If any transfer of facilities occurred, specify:

(i) the facilities transferred;

(ii) the compensation, if any, paid by the system;

(iii) the date on which such transfer was made.

(e) Furnish all documents relating to any customer acquisition and any facilities transferred in con-

nection with such acquisition specified in response to subparagraphs (a) to (d) of this Interrogatory.

54. State whether the system has refused, or declined to seek the opportunity, to provide electric service to any prospective industrial or commercial customer during the period January 1, 1960 to date. If so:

(a) Detail the circumstances of each such refusal or decision;

(b) State the name, address, and estimated annual electric requirement and desired delivery voltage of each such customer and the present electric utility supplier of each such customer;

(c) Furnish all documents relating to each such refusal or decision.

REVISED 55. (a) Describe each change in territory served with electricity by the system from January 1, 1960 to date, the classification and number of customers affected and annual kilowatt-hour sales to such customers.

(b) Furnish each document related to any territorial gain or loss over the aforementioned time period.

56. Describe each change in territory (outside the municipality's corporate limits) served with sewer or water service by the municipality from January 1, 1960 to date.

57. Has any area which petitioned for annexation been denied; if so, describe the area and state the dates and

nature of the petition and the reasons upon which such denial was based.

58. Furnish maps or sketches (or marked city maps) of present system facilities and of system facilities as of year-end 1960 through 1971 which show the geographic location of power plants, principal substations, power lines, all connections and transfer points with other systems, and the boundary line of the area served together with the communities therein supplied with electric energy. On such documents, show:

(a) For each line of 12 kilovolts and above — (and for any other line regardless of voltage which constitutes a tie line between generating stations or from generating stations to voltage systems of 12 kilovolts or above):

(i) the length in miles;

(ii) the voltage at which it is operated;

(iii) the voltage for which it is insulated if different than the operating voltage.

(b) The phase (one-phase, two-phase, or three-phase) for all alternating current lines.

(c) The rating and locations of transformer banks at power plants and principal substations including interconnections with other systems.

(d) The approximate scale (feet per inch or miles per inch).

REVISED 59. (a) Furnish copies of each document prepared by or for the system or the municipality, or on which the system or the municipality has relied, during the period January 1, 1960 to date which contains any reference to expected construction or development of production capability, and to expected future increases in investment in the system or growth in the system's peak demand, sales, revenues, profits and/or number of customers served.

(b) Describe any studies or other inquiries presently being prepared by or for the system or the municipality on such matters, and state the name and address of the person or other entity preparing the same and the expected date of such project.

REVISED 60. (a) Furnish copies of each document prepared by or for the system or the municipality, or on which the system or the municipality relied, describing the economic condition of the area served by the system, projections of future economic conditions, or the prospect for attracting commercial and/or industrial customers, or other potential stimuli of economic growth, to the area.

(b) Describe the studies or other inquiries presently being made by or for the system or the municipality on such matters, and state the name and address of the person or other entity preparing the same and the expected completion date of such project.

61. (a) State the system's number of pole miles of transmission facilities and the number of circuit miles of transmission facilities by voltage as of year-end 1960 through 1971.

(b) If the basis for classifying such facilities differs from that used in response to Interrogatory 34:

(i) explain each change made and the reason for each such change;

(ii) furnish data in response to subparagraph (a) of this Interrogatory which are comparable to those provided in response to Interrogatory 34.

62. (a) State the system's number of pole miles of distribution facilities and the number of circuit miles of overhead and underground distribution facilities as of year-end 1960 through 1971.

(b) If the basis for classifying such facilities differs from that used in Interrogatory 35:

(i) explain each change made and the reason for each such change;

(ii) furnish data in response to subparagraph (a) of this Interrogatory which are comparable to those provided in response to Interrogatory 35.

63. (a) State the system's number and capacity of transmission and distribution substations and transformer installations with an operating voltage exceeding 12 kilovolts as of year-end 1960 through 1971.

(b) If the basis for classifying such facilities differs from that used in response to Interrogatories 34 or 35:

(i) explain each change made and the reason for each such change;

(ii) furnish data in response to subparagraph (a) of this Interrogatory which are comparable to those provided in response to Interrogatories 34 and 35.

64. State whether any other supplier of electric service is now franchised, or has been franchised at any time during the period 1960 through 1971, to render electric service within the corporate limits of the municipality or in the area served by its electric system. If so, for each such utility, state its name, the area it now serves or once served within the corporate limits of the municipality or the area served by the municipality's electric system, and the dates during which it was franchised to so serve.

65. (a) State whether customers within the corporate limits of the municipality or within the area generally rendered electric service by its system presently have, or at any time during the period January 1, 1960 to date had, the option of

(i) changing from electric service by the system to service by any other utility, or

(ii) changing from electric service by another utility to service by the system.

(b) State for each year 1960 through 1971:

(i) the number of customers by customer

class who changed during each year from electric service by another electricity supplier to service by the system;

(ii) the kilowatt-hour sales to such customers in each year, or portion thereof, in which service was supplied by the system.

(c) State for each year 1960 through 1971:

(i) the number of customers by customer class who changed during the year from electric service by the system to service by another electricity supplier;

(ii) the kilowatt-hour consumption by such customers and supplied by the system in the year such change occurred and in the five years immediately preceding such change.

66. State whether any other electric utility now renders, or has rendered at any time during the period January 1, 1960 to date, electric service to customers within the corporate limits of the municipality or in the area served with electricity by its system. If so, furnish the name of such other electricity supplier and designate the dates during which service was rendered, the area served and types of customers served by the utility named.

67. State whether the municipality, or any agency or department thereof, ever declined to provide, or declined to seek the opportunity to provide, electric service to any or all customers served by any other electricity supplier in the corpo-

rate limits of the municipality or in the area served by its electric system. If so:

(a) State the name and address of each such customer;

(b) Describe each such incident;

(c) Furnish each document relating to any such denial of electric service or decision not to seek the opportunity to serve such customer.

68. (a) State the name and address of each customer served at any time during the period January 1, 1960 to date by any other electricity supplier within the corporate limits of the municipality or in the area served by its electric system which has ever declined to accept an offer of electric service by the system.

(b) Describe the circumstances of each such incident and provide the date(s) on which it occurred;

(c) Furnish each document relating to each such incident.

69. State whether any electricity supplier, other than the system, is now, or has been at any time during the period January 1, 1960 to date, legally or otherwise limited in its present ability to acquire new customers within the corporate limits of the municipality or in the area served by its electric system. If so, describe each limitation and the basis of it.

70. State whether there are any legal restrictions which presently limit the ability of the system to provide electric service, either at retail or wholesale, outside the municipality's corporate limits. If so, describe such restriction(s) and state the date on which each such restriction became effective.

71. Does the municipality have any right to control, restrict or otherwise determine zoning outside its corporate limits? If so:

(a) State the basis on which the municipality derives such authority and provide a copy of any statute, rule, regulation, ordinance, or other document on which such authority is based.

(b) Describe the extent of the municipality's authority to control, restrict or determine zoning outside its corporate limits.

REVISED (c) State the name and address of each customer outside the municipality's corporate limits served with electricity by the municipality at any time during the period January 1, 1960 to date who also has applied to the municipality for zoning variance at any time during that period. Describe the variant sought, the date(s) involved, and the action taken by the municipality on the application.

72. (a) State the number of residential, commercial and industrial customers (by customer class) which are located

outside the municipality's corporate limits and which are presently served by the municipality or any agency or department thereof with electricity, gas, water or sewage service.

(b) State the annual kilowatt-hour sales to and gross revenues derived from such customers during the year 1971.

REVISED 73. State the number of residential, commercial and industrial customers (by customer class) which are located outside the municipality's corporate limits which at any time during the period January 1, 1960 to date were served with water or sewer service (specify which) by the municipality and whose electric service was supplied by a utility other than the municipality.

74. Furnish citations to and copies of each provision of any municipal bond indenture, municipal ordinance, state law or any other law, rule regulation or order which restricts or defines in any way the authority of the municipality or any agency or department thereof, to:

(a) Construct system facilities outside of the municipality;

(b) Construct system facilities for the sale of electricity outside the municipality;

(c) Share the ownership of electric facilities with any other utility or entity;

(d) Interconnect with any other utility or entity;

(c) Coordinate or integrate in any other way with any other utility or entity.

DELETED 75. (a) State each source of electric energy utilized by the system in the years 1960 through 1971.*

DELETED (b) State for each of the aforementioned years:

(i) the kilowatt-hours obtained from each source;

(ii) the maximum kilowatt demand placed on each source;

(iii) the cost of the electricity obtained from each source, specifying any breakdown among demand, energy or other charges incurred and indicating the voltage at which each supply was received.

76. (a) Furnish copies of each document prepared by or for the system or the municipality during the period January 1, 1960 to date which relates in any way to the relative costs of electricity obtained from different sources or with suggested sources of and costs of meeting energy requirements during that time period or in the future.

(b) State whether the municipality or any agency or department thereof, alone or jointly with any other utility or entity, presently plans to install generating or additional transmission capacity. If so, describe in detail:

(i) any such plans;

(ii) the stage of their progression;

(iii) the name and address of each utility or entity involved in any such plan;

(iv) furnish each document relating in any way to the feasibility, desirability, or cost of any such plan.

(c) Describe any present effort being made by or for the system or the municipality on any of these matters, state the name and address of the person or other entity engaged in such effort and the expected completion date of the project.

REVISED 77. Except for the information and/or data already supplied in response to Interrogatory 76, state the cost per kilowatt hour, including both estimated capacity and energy costs, for the system's most recent bulk power supply expansion programs, and those as of 1960, 1965 and 1970, for the following ten-year period, or such other or shorter periods as may have been utilized by the system for planning purposes. Include a statement of the estimated (and where applicable, the realized) cost of generation and transmission programs undertaken or proposed during the production period indicating:

(a) For generation and

(b) For transmission subdivided by voltage classes, the estimated costs as follows:

(i) investment cost in dollars per kilowatt;

(ii) energy cost in mills per kilowatt hours;

(iii) investment carrying charges and energy cost in mills per kilowatt hour.

REVISED 78. (a) Furnish copies of each document prepared by or for the system or the municipality relating to the technical and/or economic feasibility of constructing generating and/or transmission facilities.

(b) Describe any present effort being made by or for the system or the municipality relating to any of these matters, and state the name and address of the person or other entity engaged in such effort and the expected completion date of the project.

REVISED 79. (a) Furnish copies of any documents prepared by or for the system or the municipality relating to the technical and/or economic feasility or desirability of providing electric service to present or potential customers with demands of 500 kilowatts or more.

(b) Describe any present effort being made by or for the system or the municipality relating to any of these matters, and state the name and address of the person or other entity engaged in such effort and the expected completion date of the project.

REVISED 80. State whether, during the period January 1, 1960 to date, the system or the municipality, or any agency or department of the municipality, ever has sought, requested, considered, or inquired into the initiation of wholesale electricity supply to it by any electric utility, other than Duke Power Company. If so, describe in detail each such instance and furnish each document relating to each such instance.

81. Furnish a copy of any coordinating or integrating agreement, contract or understanding for the sale or exchange of electric power and energy between the system and any other electric utility now in effect, or in effect at any time during the period January 1, 1960 to date. Exclude any such agreement with Duke Power Company.

82. Is the system, the municipality or any municipal official (in his capacity as such) a member of any electric, power, energy or similar association or organization? If so:

(a) Provide the name and address of each such association or organization and state the year in which membership commenced;

(b) State the date on which each such association or organization was organized, the purposes for which it was formed, and, if known, the names and addresses of the individuals responsible for the formation of the association or organization, together with the name and address of their employer at that time and at present.

(c) State the name and address of any system or municipal employee who is or has been an officer or director of each such association or organization during the period of January 1, 1960 to date; the title of the position held; the period of time during which such office or directorship was held; and the present position of the employee in the system or the municipality, or if not now employed by the system or the municipality,

the date on which such employment terminated and the reason therefor.

(d) Provide a copy of the original articles of association or any other document which describes the purposes, membership categories, legal status, members' voting rights and structure of each association or organization named in response to subparagraph (a) of this Interrogatory, together with a copy of any amendment thereto adopted to date by the association or organization, whether or not such amendment is presently in effect.

83. State the name, address and present position of each person employed by the system during the period January 1, 1960 to date who had or now has managerial responsibility in each of the following areas, together with the dates during which each person held the position:

(a) Marketing;

(b) Sales;

(c) Accounting;

(d) Financial planning;

(e) Chief executive officer, supervisor or manager;

(f) Chief operating officer;

(g) Research and development;

(h) Engineering.

If any such person is no longer employed by the system, state the date on which such person left the system's employ and the reason for such termination.

84. Furnish a copy of any prospectus or other report filed with the Securities and Exchange Commission from January 1, 1960 to date, or issued to the public during that period, by the system or by the municipality.

85. Is the system or the municipality now, or has it been at any time during the period January 1, 1960 to date, a member of any bulk power supply coordinating group. If so:

(a) State the name by which the group is known;

(b) Name the other members of the group;

(c) Indicate the particular coordinating functions of each group; and

(d) Furnish all documents relating to each such membership and any document relating to the exclusion of particular electric utilities or classes of such utilities from such groups, including but not limited to communications with other electric utilities with respect to actions, joint or several, to prevent admission of such electric utilities.

86. State the names of each employee of the system who holds an engineering degree of the bachelors level or above. Indicate the specific degree or degrees held by each such employee and the number of years each has been employed by an electric utility.

87. State whether the system or the municipality now provides, or provided at any time during the period January 1, 1960 to date, engineering services such as assistance in the

design of in-plant distribution facilities, substations protective devices, transformers, heating and light systems and the like. If so:

(a) Furnish a description of any such services offered;

(b) State the charges made for the rendering of such services;

(c) for each of the years 1960 through 1971, state the system's expenditures for the provision of each such service.

88. State whether any engineering services are provided to the municipality, the system or its customers by any other supplier of electric power. State the nature and cost to the system in 1971 (fiscal or calendar) of any such services received.

89. (a) State for each year, 1960 to date, whether the design and engineering of transmission facilities is performed by system or municipal employees or by other persons or entities and state the estimated proportion of such work performed by each group in each year.

(b) If any such services were performed by other persons or entities, state the name and address of such person or other entity and the dates during which such services were performed.

90. (a) State for each year 1960 to date whether the design and engineering of distribution facilities is performed

by system or municipal employees or by other persons or entities and state the estimated proportion of such work performed by each group in each year.

(b) If any such services were performed by other persons or entities, state the name and address of such person or other entity and the dates during which such services were performed.

91. Furnish a copy of the organization chart of the system.

ATTACHMENT A

INSTRUCTIONS FOR REPORTING TYPICAL
NET MONTHLY BILLS FOR ELECTRIC SERVICE
AS OF JANUARY 1 OF THE YEARS
1961, 1966, 1971 and 1972
and JUNE 30, 1972.

SECTION I. GENERAL INSTRUCTIONS

1. EFFECTIVE DATE. Use rate schedules in effect on January 1 of the years 1961, 1966, 1971 and 1972, and June 30, 1972 for computing bills. A rate schedule is deemed effective on January 1 or June 30 of the year if any energy used on that day could have been billed thereunder. Insert the schedule designation and the date on which the new rate schedule first became effective.

2. NET BILLS. Compute all bills on a net basis, i.e., after prompt payment discounts or before delayed payment penalties.

3. MONTHLY BASIS. Compute all bills on a monthly basis. Where rate schedules or any part thereof are quoted on an annual, quarterly, or bimonthly basis, prorate the bills to a monthly basis.

4. FUEL ADJUSTMENT Adjust bills to reflect fuel adjustments, if any, for energy billed on January 1 of each of the stated years, and on June 30 for 1972. Enter the adjustment per kwh, the fuel cost and other pertinent data.

5. METER RENTALS. In computing bills include where applicable any charge made for meter rentals if the majority of customers are required to pay such meter rentals, but exclude such charge if the majority of customers furnish their own meters. In either case, state in a footnote the amount of the meter rental and whether or not the majority of customers furnish or rent meters.

6. LAMP RENEWALS. Compute bills on the assumption that lamp renewal service is not included in the rates. When the charge for lamp renewal service cannot be segregated, state in a footnote that such charge is included in the bills shown.

7. SEASONAL RATES. Do not compute bills under seasonal rates where year-round rates are available. Where year-round rates are not available, compute bills for all seasons for which there are different rates and state the periods or seasons of the year for which each rate is available.

8. TAX, PRICE, AND WAGE LEVEL ADJUSTMENTS. The bills furnished are to reflect the charges actually paid by customers in accordance with the terms of the rate schedules, rules and regulations, etc. Adjust bills to reflect tax, price and wage level adjustments, if any, for energy billed on January 1 of each of the stated years, and on June 30 of 1972. Sales taxes are not to be included in computing the bills, but where the revenue collected pursuant to the tax adjustment clause becomes an operating revenue of your system, the bills should reflect such tax adjustment.

9. OTHER FACTORS. Show by footnotes any other facts affecting the computations of the bills furnished or the choice of the schedules used. Such factors would include rebates, periodic free service and inducement rates.

SECTION II. SPECIAL INSTRUCTIONS FOR RESIDENTIAL SERVICE

1. DEFINITION. Residential service is defined as service which is supplied to residental customers for lighting, refrigeration, cooking, water heating, and other domestic uses.

2. RATE SCHEDULES TO BE USED. Compute each bill using the rate schedule or combination of rate schedules on which the largest group of residential customers was billed for the specified consumption as of January 1 of each of the stated years, and as of June 30 of 1972.

3. DEMAND ASSUMPTIONS. Where charges are based on the number of rooms or measured demand, assume the following for computing bills:

(a) Number of rooms - A five-room residence consisting of living room, dining room, kitchen and two bedrooms.

(b) Measured demand - For 500 kwh consumption assume a measured demand of 4.5 kw. For 750 kwh consumption assume a demand of 5 kw. For 1,000 kwh consumption assume a demand of 5.5 kw.

(c) Water heating - Use demand and size of tank most generally applicable to water heaters using from 250 to 350 kwh per month, and state what demand and/or size of tank is used.

4. KWH ASSUMPTIONS. TWO OR MORE METERS. Where residential service can be taken through more than one meter and such is the general practice, assume the following:

(a) For the 100 kwh bill assume that 60 kwh are measured through the lighting meter and 40 kwh through the refrigeration meter.

(b) For the 250 kwh (1) when the refrigerator is served through the lighting meter, assume that 100 kwh are measured through the lighting meter and 150 kwh through the cooking meter; or (2) when the refrigerator is served through the cooking meter, assume that 60 kwh are measured through the lighting meter and 190 kwh through the cooking meter.

(c) For the 500 kwh bill assume that 250 kwh for lighting, small appliances, refrigeration, and cooking are measured according to the assumptions stated in (b) above and that 250 kwh for water-heating are measured through the water-heating meter.

(d) For the 750 kwh bill assume that 400 kwh for lighting, appliances, refrigeration and cooking are measured through the general service meter and that 350 kwh are measured through the water-heating meter. If cooking is metered separately from lighting and water heating, assume 150 kwh for cooking consumption. If refrigeration is not metered with lighting and appliance load, assume 40 kwh for such consumption.

(e) For the 1,000 kwh bill assume that 650 kwh for lighting, appliances, refrigeration and cooking are measured through the general service meter and that 350 kwh are measured through the water-heating meter. If cooking is metered separately from lighting and water heating, assume 150 kwh for cooking consumption. If refrigeration is not metered with lighting and appliance load, assume 40 kwh for such consumption.

(f) In the case of rates providing for special night rates when water heating is used, assume for the 500 kwh bill that 250 kwh are billed at the night rate. For the 750 and 1,000 kwh bills assume that 350 kwh are billed at the night rate.

SECTION III. SPECIAL INSTRUCTIONS FOR COMMERCIAL SERVICE

1. DEFINITION. Commercial service is defined as service which is supplied to commercial or business establishments such as stores, offices, restaurants, and garages for lighting and power purposes.

2. RATE SCHEDULES TO BE USED. Use all rate schedules ordinarily applicable to commercial service at the range of consumptions and demands given in Interrogatory 10(b). Do not use rate schedules restricted to a special class of enterprise such as department stores, hotels, laundries or apartment houses; nor cooking, welding, auxiliary, or temporary service. Industrial schedules specifically limited to manufacturing customers should not be included.

3. BILLS TO BE FURNISHED. If but one schedule is applicable to commercial service, a bill is to be furnished under that schedule for every demand-energy combination listed in Interrogatory 10(b). If more than one schedule is applicable, bills should be shown for each schedule for those demand-energy combinations shown in that interrogatory, which come within the range of demand and/or energy consumptions for which the schedule is, or would be used in actual utility billing practice. Bills outside of this range need not be shown. At least one bill for each demand-energy combination should be furnished.

4. SCHEDULE USE. When a new schedule is used, state the minimum and maximum demands and consumptions beyond which the schedule is not, or would not be used.

5. DIRECT CURRENT. Do not compute any bills under schedules for direct-current service only.

6. OFF-PEAK SERVICE. Do not compute bills from rates which restrict service to off-peak hours.

7. SERVICE VOLTAGE. Compute bills only for energy delivered at secondary voltage (550 volts or less) and metered at such voltage on the secondary side of system-owned transformer.

8. TERM OF CONTRACT. Footnote cases where contract term is over one year.

9. DEMAND.

(a) Billing Demand. The kilowatt demands requested are the actual billing demands of a customer after all adjustments, except for power factor, have been made.

(b) Power Factor. Compute all bills for schedules applicable to motive power and incidental or no lighting at 85% lagging power factor. For schedules permitting unrestricted lighting in addition to power, compute bills for 375, 750, and 1,500 kwh at unity power factor. For the 6,000 and 10,000 kwh bills assume a lagging power factor of 85% (unless only a small motive power load is permitted, in which case assume unity power factor).

(c) Kilovolt-amperes or Horsepower. For schedules basing charges on kilovolt-amperes or horsepower, assume the following conversions:

BILLING DEMAND

KW	Kva	Hp
3	3(1)	4
6	6(1)	8
12	12(1)	16
30	35.3	40
40	47	54

(1) For power schedules permitting incidental or no lighting assume 3.5 kva, 7 kva, and 14 kva for 3 kw, 6 kw and 12 kw, respectively.

10. TYPE OF SERVICE. Show the application of rate schedules, using the following symbols:

L - lighting, and appliances with or without single phase or incidental power
PL - motive power, and incidental lighting
GEN - lighting, single or 3-phase power, and other used in any proportion desired
P - motive power but no lighting

SECTION IV. SPECIAL INSTRUCTIONS FOR INDUSTRIAL SERVICE

1. DEFINITION. Industrial service is defined as service which is supplied to industrial establishments having demands of 50 kw or more, or consumptions of 15,000 kwh or more per month.

2. RATE SCHEDULES TO BE USED. Use all rate schedules for motive power applicable to industrial service as defined under paragraph 1 of this section. Do not use rate schedules restricted to commercial establishments or to special classes of enterprise, such as cement, mining, oil, or textile industries; or to a special purpose, such as auxiliary, breakdown, temporary, or intermittent services, industrial heating, or irrigation, or to industrial lighting.

3. BILLS TO BE FURNISHED. If but one schedule is applicable to industrial service, a bill must be furnished under that schedule for every demand-energy combination listed in Interrogatory 10(c). If more than one schedule is applicable to this class of service, bills should be furnished for each schedule for those demand-energy combinations shown in that interrogatory, which come within the range of demand and/or energy consumptions, for which the schedule is, or would be used in actual system billing practice. Bills outside of this range should be noted.

4. SCHEDULE USE. When a new schedule is used, state the minimum and maximum demands and consumptions beyond which the schedule is not, or would not be used.

5. DIRECT CURRENT. Do not compute any bills under schedules for direct-current service only.

6. OFF-PEAK SERVICE. Off-peak rates which do not restrict the use of energy during the normal hours of operation of industrial concerns may be shown.

7. SERVICE VOLTAGE. Use all rate schedules applicable to industrial service as defined in paragraphs 1 and 2 of this section, regardless of voltage. Indicate whether the bills furnished are of primary metering or for secondary metering, and whether the system or the customer owns the transformer.

When a rate schedule provides different rates for primary and secondary metering compute bills for primary metering only, assuming customer ownership of transformer. Where the schedule permits, compute bills for 75 kw and 150 kw demands at voltages between 2,200 and 4,000 and bills for 300 kw, 500 kw and 1,000 kw demands at voltages between 11,000 and 13,200. Otherwise compute bills for the voltage at which service is most generally rendered, and state in a footnote the voltages used.

8. TERM OF CONTRACT. If the rate schedule allows a discount to customers contracting for service for a period longer than one year, compute bills based on the longer contract term.

9. DEMAND.

(a) Billing Demand. The kilowatt-demands shown in Interrogatory 10(c) are the actual billing demands of a customer after all adjustments, except those for power factor and voltage, have been made.

(b) Power Factor. Compute all bills for motive power at 85% lagging power factor. Note any adjustments.

(c) Kilovolt-amperes or Horsepower. For schedules basing charges on kilovolt-amperes or horsepower assume the following conversions:

BILLING DEMAND

Kw	Kva	Hp
75	88	100
150	176	200
300	353	400
500	588	667
1,000	1,176	1,333

10. TYPE OF SERVICE. Show the application of the rate schedules using the following symbols:

M - where the schedule permits unrestricted motive power only

MUL - where the schedule permits unrestricted lighting in addition to unrestricted motive power

MRL - where the schedule permits unrestricted motive power and in addition restricting lighting