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ANNUAL REPORT

OF

TAMPA ELECTRIC COMPANY

(Exact legal name of respondent)

If name was changed during year, show also the previous name and date of change

111 NORTH DALE MABRY HIGHWAY, TAMPA, FLORIDA 33609

(Address of principal business office at end of year)

TO THE

FEDERAL ENERGY REGULATORY COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 1979

Name, title, address and telephone number (including area code), of the person to be contacted concerning this report:

H. O. JOHNS, CONTROLLER

111 NORTH DALE MABRY HIGHWAY, TAMPA, FLORIDA 33609

TELEPHONE NUMBER: (813) 879-4111

COOPERS & LYBRAND

CERTIFIED PUBLIC ACCOUNTANTS

A MEMBER FIRM OF
COOPERS & LYBRAND (INTERNATIONAL)

*ANNUAL
Report*

TECO

1979

To the Board of Directors
Tampa Electric Company:

In connection with our regular examination of the Financial Statements of Tampa Electric Company for the year ended December 31, 1979, on which we have reported separately under date of February 4, 1980, we have also reviewed the schedules (on the list attached) of Form 1 for the year filed with the Federal Energy Regulatory Commission, for conformity in all material respects with the requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying schedules identified in the preceding paragraph conform in all material respects with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

Coopers & Lybrand

Tampa, Florida
February 4, 1980

TAMPA ELECTRIC COMPANY

List of Schedules for the Year Ended December 31, 1979
(Included in Form 1) Covered by
Report of Independent Certified Public Accountants

<u>Description</u>	<u>Schedule Pages</u>
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Long-Term Debt	219
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"See notes to financial statements included in the annexed annual report to stockholders."	

Business Contracts with Officers and Directors
(Other than Compensation)

1. Charles F. Hovey, a director of Tampa Electric Company is a partner with Herrick & Smith, a law firm in Boston, Massachusetts. Herrick & Smith provided legal services to Tampa Electric Company during the twelve months ended December 31, 1979 in the amount of \$100,125.
2. H. L. Culbreath (President and Director of TECO), W. C. MacInnes (Chairman of the Board and Director of TECO), James D. Hicks (Vice President-Operations of TECO), and James K. Taggart (Vice President-Finance & Treasurer of TECO) are also directors of Mid-South Towing Company, Electro-Coal Transfer Corporation, Gulfcoast Transit Company and Southern Marine Management Company, all wholly-owned subsidiaries of Tampa Electric Company. Mr. Taggart is also Treasurer of each of the above companies and also G C Service Company (a wholly-owned subsidiary of Electro-Coal Transfer Corporation) and Vice President of Electro-Coal Transfer Corporation. J. E. Sproull (Secretary of TECO) is Secretary of Mid-South Towing Company, Electro-Coal Transfer Corporation, Gulfcoast Transit Company, Southern Marine Management Company and G C Service Company. Mid-South Towing Company is a barge transportation company principally engaged in transporting coal on the Mississippi, Ohio, and Green Rivers. During 1979 Mid-South Towing Company provided services to Tampa Electric Company in the amount of \$10,109,357. Electro-Coal Transfer is a bulk commodity transfer facility primarily engaged in the transfer and storage of coal at Davant, Louisiana. During 1979, Electro-Coal Transfer provided services to Tampa Electric Company in the amount of \$6,644,069. Gulfcoast Transit Company is an ocean-going barge transportation company principally engaged in the delivery of coal and other commodities. During 1979 Gulfcoast Transit provided services to Tampa Electric Company in the amount of \$5,617,118. Southern Marine Management provides managerial scheduling and financial services to Mid-South Towing Company, Electro-Coal Transfer Company and Gulfcoast Transit Company; and all billings for its services are billed directly to those companies. During 1979 G C Service Company provided services to TECO in the amount of \$38,769.
3. H. L. Culbreath (President and Director of TECO), E. G. Simmons (Vice President-Services of TECO) and James K. Taggart (Vice President-Finance & Treasurer of TECO) are directors of Cal-Glo Coal, Inc. a wholly-owned subsidiary of Tampa Bay Industrial Corporation. Mr. Taggart is also Assistant Treasurer of Cal-Glo. Mr. Simmons is Chairman of the Board of Cal-Glo. J. E. Sproull (Secretary and Assistant Treasurer of TECO) is Secretary of Cal-Glo. Tampa Bay Industrial Corporation is in turn a wholly-owned subsidiary of Tampa Electric Company. Cal-Glo is a coal mining concern based in Williamsburg, Kentucky. During 1979 Cal-Glo sold coal to Tampa Electric Company in the amount of \$29,672,270.
4. H. L. Culbreath (President and Director of TECO), James D. Hicks (Vice President-Operations of TECO), James K. Taggart (Vice President-Finance & Treasurer of TECO), and G. P. Wood (Senior Vice President of TECO) are directors of Tampa Bay Industrial Corporation, a wholly-owned subsidiary of

Tampa Electric Company. Mr. Culbreath is also President of Tampa Bay Industrial Corporation; Mr. Hicks is a Vice President; E. G. Simmons (Vice President-Services of TECO) is a Vice President; H. O. Johns (Controller of TECO) is Treasurer of Tampa Bay Industrial; J. E. Sproull (Secretary and Assistant Treasurer of TECO), is Secretary of Tampa Bay Industrial. Mr. Taggart is a Vice President of Tampa Bay Industrial, as is G. P. Wood. Tampa Bay Industrial is an investment company, which holds all the outstanding stock of Cal-Glo Coal, Inc.

5. W. C. MacInnes (Chairman of the Board - not an officer - of TECO) provided consulting services to Tampa Electric Company during 1979 in the amount of \$35,167.

Affiliations of Officers and Directors

1. H. L. Culbreath, President and Director of Tampa Electric Company
Director, Exchange Bancorporation, Tampa, Florida
Director, Exchange Bank and Trust Company of Florida, Tampa, Florida
Director, Tampa Shipyards Incorporated, Tampa, Florida
Director, Transco, Inc., Houston, Texas
Director, Mid-South Towing Company, Tampa, Florida
Director, Electro-Coal Transfer Corporation, Tampa, Florida
Director, Gulfcoast Transit Company, Tampa, Florida
Director, Southern Marine Management Company, Tampa, Florida
Director, Cal-Glo Coal, Inc., Williamsburg, Kentucky
President and Director, Tampa Bay Industrial Corporation, Tampa, Florida
2. G. P. Wood, Senior Vice President of Tampa Electric Company
Director, Southeast Bank of Tampa, Tampa, Florida
Vice President and Director, Tampa Bay Industrial Corporation, Tampa, Florida
3. James D. Hicks, Vice President-Operations of Tampa Electric Company
Director, Mid-South Towing Company, Tampa, Florida
Director, Electro-Coal Transfer Corporation, Tampa, Florida
Director, Gulfcoast Transit Company, Tampa, Florida
Director, Southern Marine Management Company, Tampa, Florida
Vice President and Director, Tampa Bay Industrial Corporation, Tampa, Florida
4. James K. Taggart, Vice President-Finance and Treasurer of Tampa Electric Company
Director, Barnett Bank of Tampa, Tampa, Florida
Director, Paradyne Corporation, Largo, Florida
Treasurer and Director, Mid-South Towing Company, Tampa, Florida
Vice President, Treasurer and Director, Electro-Coal Transfer Corporation, Tampa, Florida
Treasurer and Director, Gulfcoast Transit Company, Tampa, Florida
Treasurer and Director, Southern Marine Management Company, Tampa, Florida
Vice President and Director, Tampa Bay Industrial Corporation, Tampa, Florida
Assistant Treasurer and Director, Cal-Glo Coal, Inc., Williamsburg, Kentucky
Treasurer, G C Service Company, Tampa, Florida
5. Heywood A. Turner, Vice President-Production of Tampa Electric Company
No affiliations
6. Ellsworth G. Simmons, Vice President-Services of Tampa Electric Company
Chairman of the Board and Director, First Ruskin Bank, Ruskin, Florida
Vice President and Director, Sun City Center Bank, Sun City Center, Florida

Chairman of the Board and Director, Cal-Glo Coal, Inc., Williamsburg,
Kentucky
Vice President, Tampa Bay Industrial Corporation, Tampa, Florida

7. David N. Campbell, Vice President-Administration of Tampa Electric Company
No affiliations
8. James E. Sproull, Secretary and Assistant Treasurer of Tampa Electric Company
Secretary, Tampa Bay Industrial Corporation, Tampa, Florida
Secretary, Cal-Glo Coal, Inc., Williamsburg, Kentucky
Secretary, Mid-South Towing Company, Tampa, Florida
Secretary, Electro-Coal Transfer Corporation, Tampa, Florida
Secretary, Gulfcoast Transit Company, Tampa, Florida
Secretary, Southern Marine Management Company, Tampa, Florida
Secretary, G C Service Company, Tampa, Florida
9. Howard O. Johns, Controller of Tampa Electric Company
Treasurer, Tampa Bay Industrial Corporation, Tampa, Florida
10. W. C. MacInnes, Chairman of the Board of Tampa Electric Company (not an officer)
Chairman of the Board and Director, Exchange Bancorporation, Tampa, Florida
Director, Exchange Bank and Trust Company of Florida, Tampa, Florida
Director, Host International, Inc., Santa Monica, California
Director, National Gypsum Company, Dallas, Texas
Trustee, First Union Real Estate Equity and Mortgage Investment, Cleveland, Ohio
Director, Mid-South Towing Company, Tampa, Florida
Director, Electro-Coal Transfer Corporation, Tampa, Florida
Director, Gulfcoast Transit Company, Tampa, Florida
Director, Southern Marine Management Company, Tampa, Florida
Director, Citizens Gas Fuel Company, Adrian, Michigan
President and Director, River Park City Center, Inc., Tampa, Florida
11. Richard P. Chapman, Director of Tampa Electric Company
Chairman of the Board and Director, Fieldcrest Mills, Inc., Eden, North Carolina
Director, Amoskeag Company, Boston, Massachusetts
Director, Bird & Son, Inc., East Walpole, Massachusetts
12. Richard M. Clewis, Jr., Director of Tampa Electric Company
President, Richu Groves, Inc., Tampa, Florida
13. Hugh F. Culverhouse, Director of Tampa Electric Company
Partner, Culverhouse, Tomlinson, Mills, Anderson & Cone, Attorneys, Jacksonville, Florida
Director, Host International, Inc., Santa Monica, California
14. Alfred S. Estes, Director of Tampa Electric Company
President, Estes Groves, Inc., Winter Haven, Florida

15. Charles F. Hovey, Director of Tampa Electric Company
Partner, Herrick & Smith, Attorneys, Boston, Massachusetts
Trustee, Northeast Investors Trust, Boston, Massachusetts
Director, Pennsylvania Life Company, Santa Monica, California
16. William J. Turbeville, Jr., Director of Tampa Electric Company
Chairman of the Board, The Phosphate Rock Export Association, Tampa,
Florida
17. James O. Welch, Jr., Director of Tampa Electric Company
Group Vice President and President, International Division, Nabisco,
Inc., Hanover, New Jersey
Director, Vanguard Group of Mutual Funds, Valley Forge, Pennsylvania

Business Transactions with Related Parties Over \$500
During the Twelve Months Ended December 31, 1979

PART I

1. Herrick & Smith (legal services)
Purchased by respondent in the amount of \$100,125.
2. Host International, Inc. (hotel and catering services)
Purchased by respondent in the amount of \$745.
3. Exchange National Bank of Tampa (regular commercial bank account)
Maintained account. No fees paid.
4. Southeast Bank of Tampa (regular commercial bank account)
Maintained account. No fees paid.
5. Barnett Bank of Tampa (regular commercial bank account)
Maintained account. No fees paid.
6. First Ruskin Bank (regular commercial bank account)
Maintained account. No fees paid.
7. Sun City Center Bank (regular commercial bank account)
Maintained account. No fees paid.
8. Mid-South Towing Company (coal transportation services)
Purchased by respondent in the amount of \$10,109,357.
9. Electro-Coal Transfer Corporation (coal transfer services)
Purchased by respondent in the amount of \$6,644,069.
10. Gulfcoast Transit Company (coal transportation services)
Purchased by the respondent in the amount of \$5,617,118.
11. Cal-Glo Coal, Inc. (coal supplier)
Purchased by the respondent in the amount of \$29,672,270.
12. Tampa Shipyards Incorporated (ship repair firm)
Property rented by respondent to Tampa Shipyards in the amount of \$24,180.
13. W. C. MacInnes (consulting)
Respondent purchased consulting services in the amount of \$35,167.
14. G C Service Company (transporting waste water)
Purchased by the respondent in the amount of \$38,769.

Note: Sales of electricity at prescribed tariff rates to "related parties" were omitted. Individuals or "related party" companies in Tampa

Electric Company's service area did subscribe to electric service with the Company.

PART II Sale Purchase and Transfer of Assets

None

Investor Owned Electric Utility Statistics

As of December 31, 1979 or Fiscal Year Ended _____,

(\$000 Omitted)

Amounts

<u>Plant (Intrastate Only)</u>	
Plant in Service	\$953,960
Construction Work in Progress	21,219
Plant Acquisition Adjustment	
Plant Held for Future Use	8,750
Materials and Supplies	73,338
Less:	
Depreciation and Amortization Reserves	216,322
Contributions in Aid of Construction	
Net Book Costs	<u>\$840,945</u>
<u>Capital Structure (Systemwide)</u>	
Capital Stock and Surplus	\$331,282
Long Term Debt	
Total Capital Structure	336,121
<u>Revenues and Expenses (Intrastate Only)</u>	<u>\$667,403</u>
Operating Revenues	<u>\$444,895</u>
Depreciation and Amortization Expenses	32,185
Income Taxes	25,643
Other Taxes	26,694
Other Operating Expenses	306,067
Total Operating Expenses	<u>390,589</u>
Net Operating Income	54,306
Other Income	7,298
Other Deductions	25,710
Net Income	<u>\$ 35,894</u>
<u>Customers (Intrastate Only)</u>	
Residential - Yearly Average	270,939
Commercial - Yearly Average	30,640
Industrial - Yearly Average	558
Others - Yearly Average	2,396
Total	<u>304,533</u>
<u>Electric Energy - KWH</u>	
Produced (Intrastate Only)	10,983,057
Purchased Across State Line	
Purchased Within State	(263,666)
Total	<u>10,724,391</u>
Sales to Ultimate Customer (Intrastate Only)	10,141,106
Sales for Resale:	
Across State Line	
Within State to Other Utilities	258
Used by Utility, Line Loss and Net Interchanges	583,027
Total	<u>10,724,391</u>
<u>Other Statistics (Intrastate Only)</u>	
Average Annual Residential Use - KWH	12,271
Average Residential Cost Per KWH	5.17¢
Average Residential Monthly Bill	\$52.90
Gross Plant Investment Per Customer	\$3,142

*Contributions in Aid of Construction are included in Plant in Service

GENERAL INSTRUCTIONS

1. An original and six conformed copies of this report form properly filled out and attested, shall be mailed to the Energy Information Administration, EI - 414, Mail Station: BG - 086, Forstl. U. S. Department of Energy, Washington, D. C. 20585, on or before the last day of the third month following the close of the calendar or established fiscal year, by each corporation, person or licensee as defined in section 3 of the Federal Power Act, any agency, authority or other legal entity or instrumentality and any agency, authority or instrumentality of the United States, which are engaged in the generation, transmission or distribution of electricity, whether or not otherwise subject to the jurisdiction of the Commission and which is in either of the following classifications:

Class A - Having annual electric operating revenues of \$2,500,000 or more.

Class B - Having annual electric operating revenues of more than \$1,000,000 but less than \$2,500,000.

One copy of the report should be retained by the respondent in its files. The conformed copies may be carbon copies.

This report form is not prescribed for municipalities as defined in section 3 of the Federal Power Act; i.e. a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under law thereof to carry on the business of developing, transmitting, utilizing or distributing power.

2. This form of annual report is prepared in conformity with the Uniform System of Accounts for Public Utilities and Licensees prescribed by the Federal Energy Regulatory Commission, and all accounting words and phrases are to be interpreted in accordance with the said classification. If the respondent is not under the jurisdiction of the Commission and does not keep its books in accordance with the above-mentioned Uniform System of Accounts, the report form should be filled in the best manner possible, the actual accounts kept substituted, where necessary, for the accounts listed.

Instructions should be carefully observed and each question should be answered fully and accurately, whether it has been answered in a previous annual report or not. Where the word "none" truly and completely states the fact, it should be given to any particular inquiry. Where dates are called for, the month and day should be stated as well as the year. Customary abbreviations may be used in stating dates.

4. If any schedule does not apply to the respondent, such fact should be shown on the schedule by the words "not applicable," or the schedule may be omitted and the notation made in the list of schedules on pages iii, iv, and v.

5. The spaces provided in this report are designed to be filled in on a typewriter having elite-size type, and such a typewriter should be used if practicable.

6. Reports should be made out by means which result in a permanent record. The original copy in all cases shall be made out in permanent black ink or with permanent black typewriter ribbon. The conformed copies, however, may be carbon copies or made with hectograph impression or other similar means of reproduction provided the impressions are sharp and accurately aligned as to line numbers and columns. Entries of a contrary or opposite character (such as decreases reported in a column providing for both increases and decreases) should be shown in red ink or enclosed in parentheses.

7. DEFINITIONS:

(a) Commission Authorization (abbreviation Comm. Auth.) as used in this form, means the authorization of the Federal Energy Regulatory Commission, or any other Commission. Name the commission whose authorization was obtained and give date of the authorization.

(b) Respondent, wherever used in this report, means the person, corporation, licensee, agency, authority, or other legal entity or instrumentality in whose behalf the report is made.

8. The annual report should in all particulars be complete in itself. Reference to reports of previous years or to other reports should not be made in lieu of required entries except as specifically authorized.

9. Wherever schedules call for comparisons of figures of a previous year, the figures reported must be based upon those shown by the annual report of the previous year, or an appropriate explanation given why the different figures were used.

10. Additional statements inserted for the purpose of further explanation of accounts or schedules should be made on durable paper conforming to this form in size and width of margin. The inserts should be securely bound in the report. Inserts should bear the titles of the schedules and report form page numbers to which they pertain.

11. Cents are to be omitted on all schedules except where they apply to averages and figures per unit where cents are important. The amount shown on all supporting schedules shall agree with the item in the statements that they support.

12. If the respondent makes a report for a period other than a calendar year, the beginning and end of the period covered must be clearly stated on the front cover, and throughout the report where the year or period is required to be stated.

13. In addition to filing this report, the respondent shall also file, immediately upon publication, five copies of its latest annual report to stockholders and of any annual financial or statistical report regularly prepared and distributed to bondholders, security analysts, or industry associations. (If reports to stockholders are not prepared, so state below).

14. The respondent, if it is under the jurisdiction of the Commission, shall file with the original and each copy of this form, (when the CPA certification accompanies this report it shall be inserted prior to page i. General Instructions) or separately, within 30 days after the filing date for the form, a letter or report (required by Sections 41.10 and 41.12 of the Commission's Regulations under the Federal Power Act) signed by independent certified public accountants or independent licensed public accountant, certified or licensed by a regulatory authority of a State or other political subdivision of the U.S., until December 31, 1975, and beginning January 1, 1976, and each year thereafter, only independent certified public accountants and independent licensed public accountants (licensed on or before December 31, 1970) will be authorized in attesting to the conformity, in all material respects, of the following schedules in this report with the Commission's applicable Uniform System of Accounts (statement certification includes applicable notes relating thereto and published accounting releases):

<u>DESCRIPTION</u>	<u>PAGES</u>
Comparative Balance Sheet-Statement A	110-112
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion-Statement B	113
Statement of Income-Statement C	114-116A
Statement of Retained Earnings-Statement D	117-117A
Statement of Changes in Financial Position-Statement E	118-119
Materials and Supplies	207
Long-Term Debt	219
Reconciliation of Reported Net Income with Taxable Income for Federal Income Taxes	223
Accumulated Deferred Income Taxes	214C-214D, 227-227E
Common Utility Plant and Expenses	354
Distribution of Salaries and Wages	355-356
Electric Plant in Service	401-403
Electric Plant Held for Future Use	405

Federal, State and Local Governments and other authorized users may obtain additional blank copies to meet their requirements free of charge from the National Energy Information Center, Energy Information Administration U. S. Department of Energy, Washington, D. C. 20461 -- (202) 634-5610

GENERAL INSTRUCTIONS (Continued)

Construction work in Progress and Completed Construction Not Classified (Column (d) excluded)	406
Accumulated Provision for Depreciation of Electric Utility Plant	408
Electric Operating Revenues (Columns (d) through (g) excluded)	409
Electric Operation and Maintenance Expenses	417-420
Depreciation and Amortization of Electric Plant (Columns (a) through (g) of section C excluded)	429-430A

The letter or report shall be in the following form unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied:

In Connection with our regular examination of the financial statements of _____ for the year ended _____

on which we have reported separately under date of _____ we have also reviewed schedules _____ of Form 1 for the year filed with the Federal Energy Regulatory Commission, for conformity in all material respects with the requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below)* conform in all material respects with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

The letter or report shall state, additionally, which, if any, of the schedules set forth above do not conform to the Commission's requirements, and shall describe the discrepancies that exist.

*Parenthetical phrase inserted only when exceptions are to be reported.

EXCERPTS FROM THE LAW

(Federal Power Act, 16 U. S. C. 791e-825r)

"Sec. 3. The words defined in this section shall have the following meanings for purposes of this Act, to wit:

• • • (3) 'corporation' means any corporation, joint-stock company, partnership, association, business trust, organized group of persons, whether incorporated or not, or a receiver or receivers, trustee or trustees of any of the foregoing. It shall not include 'municipalities' as hereinafter defined;

(4) 'person' means an individual or a corporation;

(5) 'licensee' means any person, State, or municipality licensed under the provisions of section 4 of this Act, and any assignee or successor in interest thereof;

(7) 'municipality' means a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under the laws thereof to carry on the business of developing, transmitting, utilizing, or distributing power; • • •"

"Sec. 4. The Commission is hereby authorized and empowered—

(a) To make investigations and to collect and record data concerning the utilization of the water resources of any region to be developed, the water-power industry and its relation to other industries and to interstate or foreign commerce, and concerning the location, capacity, development costs, and relation to markets of power sites, • • • to the extent the Commission may deem necessary or useful for the purposes of this Act."

"Sec. 304. (a) Every licensee and every public utility shall file with the Commission such annual and other periodic or special reports as the Commission may by rules and regulations or order prescribe as necessary or appropriate to assist the Commission in the proper administration of this Act. The Commission may prescribe the manner and form in which such reports shall be made, and require from such persons specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and liabilities, capitalization, net investment, and reduction thereof, gross receipts, interest due and paid, depreciation, and other reserves, cost of project and other facilities, cost of maintenance and operation of the project and other facilities, cost of renewals and replacement of the project works and other facilities, depreciation, generation, transmission,

distribution, delivery, use, and sale of electric energy. The Commission may require any such person to make adequate provision for currently determining such costs and other facts. Such reports shall be made under oath unless the Commission otherwise specifies."

"Sec. 309. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, amend, and rescind such orders, rules and regulations as it may find necessary or appropriate to carry out the provisions of this Act. Among other things, such rules and regulations may define accounting, technical, and trade terms used in this Act; and may prescribe the form or forms of all statements, declarations, applications, and reports to be filed with the Commission, the information which they shall contain, and the time within which they shall be filed. • • •"

"Sec. 311. In order to secure information necessary or appropriate as a basis for recommending legislation, the Commission is authorized and directed to conduct investigations regarding the generation, transmission, distribution, and sale of electric energy, however produced, throughout the United States and its possessions, whether or not otherwise subject to the jurisdiction of the Commission, including the generation, transmission, distribution, and sale of electric energy by any agency, authority, or instrumentality of the United States, or of any State or municipality or other political subdivision of a State. It shall, so far as is practicable, secure and keep current information regarding the ownership, operation, management, and control of all facilities for such generation, transmission, distribution, and sale; the capacity and output thereof and the relationship between the two; the cost of generation, transmission, and distribution; the rates, charges, and contracts in respect of the sale of electric energy and its service to residential, rural, commercial, and industrial consumers and other purchasers by private and public agencies; • • •"

"Sec. 315 (a) Any licensee or public utility which willfully fails, within the time prescribed by the Commission, to comply with any order of the Commission, to file any report required under this Act or any rule or regulation of the Commission thereunder, to submit any information or document required by the Commission in the course of an investigation conducted under this Act, • • • shall forfeit to the United States an amount not exceeding \$1,000 to be fixed by the Commission after notice and opportunity for hearing. • • •"

LIST OF SCHEDULES (Electric Utility)

Designate in column (d) by the terms "none" or "not applicable," as appropriate, in instances where no information or amounts have been reported in certain schedules. Pages may be omitted where the responses are "none" or "not applicable" to the schedules on such pages.

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
General Corporate Information and Summary Financial Statements			
General Information	101-101A	Dec. 72	
Control Over Respondent	102	Dec. 64	NONE
Corporations Controlled by Respondent	103		
Officers	104	Dec. 73	
Directors	105		
Security Holders and Voting Powers	106-107		
Important Changes During the Year	108-109	Dec. 70	
Comparative Balance Sheet—Statement A	110-112	Dec 78	
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion—Statement B	113	Dec. 72	
Statement of Income for the Year—Statement C	114-116A	Dec. 77	
Statement of Retained Earnings for the Year—Statement D	117-117A	Dec 78	
Statement of Changes in Financial Position—Statement E	118-119	Dec. 77	
Balance Sheet Supporting Schedules			
Nuclear Fuel Materials	200	Dec. 73	NONE
Nonutility Property	201	Dec. 73	
Accumulated Provision for Depreciation and Amortization of Nonutility Property ..	201	Dec. 67	
Investments	202	Dec. 74	NONE
Investments in Subsidiary Companies	203		
Notes and Accounts Receivable	204	Dec. 65	
Accumulated Provision for Uncollectible Accounts—Cr	204		
Receivables from Associated Companies	206	Dec. 73	
Materials and Supplies	207	Dec. 73	
Production Fuel and Oil Stocks	209	Dec. 73	
Miscellaneous Current and Accrued Assets	210	Dec. 73	NONE
Extraordinary Property Losses	210	Dec. 73	NONE
Unamortized Debt Disc. and Exp. and Unamort. Premium on Debt	211	Dec. 73	
Preliminary Survey and Investigation Charges	212	Dec. 67	
Miscellaneous Deferred Debits	214	Dec. 74	
Deferred Losses From Disposition of Utility Plant	214A	Dec. 73	
Unamortized Loss and Gain on Recquired Debt	214B		NONE
Accumulated Deferred Income Taxes	214C-0	Dec. 75	
Capital Stock	215		
Capital Stock Subscribed, Capital Stock Liability for Conversion, Premium on Capital Stock, and Installments Received on Capital Stock	216		
Other Paid-in Capital	217		NONE
Discount on Capital Stock	218		NONE

LIST OF SCHEDULE (Electric Utility) (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
BALANCE SHEET SUPPORTING SCHEDULES (Continued)			
Capital Stock Expense	218		
Long-Term Debt	219	Dec. 73	
Securities Issued or Assumed and Securities Refunded or Retired During the Year	220	Dec. 73	
Notes Payable	221	Dec. 73	
Payables to Associated Companies	221	Dec. 73	
Taxes Accrued, Prepaid and Charged During Year	222-222A	Dec. 73	
Reconciliation of Reported Net Income with Taxable Income for Federal Income Taxes	223	Dec. 73	
Miscellaneous Current and Accrued Liabilities	224	Dec. 73	
Customer Advances for Construction	224A	Dec. 73	NONE
Deferred Gains From Disposition of Utility Plant	225	Dec. 73	
Other Deferred Credits	226	Dec. 78	
Operating Reserves			
Accumulated Deferred Income Taxes	227-227E	Dec. 76	
Investment Tax Credits Generated and Utilized	228	Dec. 76	
Accumulated Deferred Investment Tax Credits	229	Dec. 75	
INCOME ACCOUNT SUPPORTING SCHEDULES			
Gain or Loss on Disposition of Property	300	Dec. 73	NONE
Income from Utility Plant Leased to Others	301	Dec. 73	
Particulars Concerning Certain Other Income Accounts	303	Dec. 73	
Particulars Concerning Certain Income Deduction and Interest Charges Accounts	304	Dec. 73	
Expenditures for Certain Civic, Political and Related Activities	305	Dec. 73	
Extraordinary Items	306	Dec. 74	NONE
COMMON SECTION			
Common Utility Plant and Expenses	351		NONE
Regulatory Commission Expenses	353	Dec. 74	
Charges for Outside Professional and Other Consultative Services	354	Dec. 70	
Distribution of Salaries and Wages	355-356	Dec. 78	
ELECTRIC PLANT, SALES, OPERATING AND STATISTICAL DATA			
Electric Plant in Service	401-403	Dec. 72	
Fish and Wildlife and Recreation Plants	403a		NONE
Electric Plant Leased to Others	404		NONE
Electric Plant Held for Future Use	405	Dec. 73	
Construction Work in Progress and Completed Construction not Classi- fied - Electric	406	Dec. 72	
Electric Plant Acquisition Adjustments and Accumulated Provision for Amortization of Electric Plant Acquisition Adjustments	407	Dec. 74	NONE
Accumulated Provisions for Depreciation of Electric Utility Plant	408	Dec. 74	
Electric Operating Revenues	409	Dec. 76	
Sales of Electricity - By Communities	410-411	Dec. 76	
Sales for Resale	412-413	Oct. 1966	
Sales of Electricity by Rate Schedules	414	Dec. 76	
Sales to Railroads and Railways and Interdepartmental Sales	415		NONE

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
ELECTRIC PLANT, SALES, OPERATING AND STATISTICAL DATA (Continued)			
Rent from Electric Property and Interdepartmental Rents.....	415		
Sales of Water and Water Power.....	416		NONE
Miscellaneous Service Revenues and Other Electric Revenues.....	416	Dec. 72	
Electric Operation and Maintenance Expenses.....	417-420	Dec. 76	
Number of Electric Department Employees.....	420		
Operation and Maintenance Expenses of Fish and Wildlife and Recreation Operations.....	420a		NONE
Lease Rentals Charged.....	421-4210	Dec. 72	
Purchased Power.....	422-423	Dec. 1964	NONE
Interchange Power.....	424	Dec. 69	
Transmission of Electricity for or by Others.....	425		NONE
Franchise Requirements.....	426	Dec. 69	NONE
Miscellaneous General Expenses.....	427	Dec. 1967	
Construction Overheads—Electric.....	427	Dec. 76	
General Description of Construction Overhead Procedure.....	428	Dec. 77	
Depreciation and Amortization of Electric Plant.....	429-430A	Dec. 71	
Electric Energy Account.....	431	Oct. 1967	
Monthly Peaks and Output.....	431	Oct. 1967	
Steam-Electric Generating Plant Statistics (Large Plants).....	432-432a	Dec. 71	
Steam-Electric Generating Plant Statistics (Large Plants) Average Annual Heat Rates and Corresponding Net Kwh Output for Most Efficient Generating Units.....	432b	Dec. 1965	
Hydroelectric Generating Plant Statistics (Large Plants).....	433a-433b	Oct. 1967	NONE
Pumped Storage Generating Plant Statistics (Large Plants).....	433c-433d		NONE
Generating Plant Statistics (Small Plants).....	434	Oct. 1967	NONE
Changes Made or Scheduled to be Made in Generating Plant Capacities.....	435		
Steam-Electric Generating Plants.....	436-437	Oct. 1966	
Hydroelectric Generating Plants.....	438-439	Dec. 1966	NONE
Pumped Storage Generating Plants.....	439a-439c		NONE
Internal-Combustion Engine and Gas-Turbine Generating Plants.....	440-441	Dec. 1967	
Transmission Line Statistics.....	442-443	Feb. 1967	
Transmission Lines Added During Year.....	444		
Substations.....	445	Dec. 69	
Electric Distribution Meters and Line Transformers.....	447		
Research, Development and Demonstration Activities.....	448-448A	Dec. 77	
Environmental Protection Facilities.....	501		
Environmental Protection Expenses.....	502		
Attestation.....	503	Dec. 75	

GENERAL INFORMATION

1. Name and title of officer having custody of the general corporate books of account and address of office where the general corporate books are kept, and address of office where any other corporate books of account are kept, if different from that at which the general corporate books are kept.

J. K. Taggart, Vice-President - Finance & Treasurer
111 North Dale Mabry Highway
Tampa, FL 33609

2. Name of State under the laws of which respondent is incorporated and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state that fact and give the type of organization and date organized.

State of Florida
December 1, 1899-Reincorporated April 18, 1949

3. If at any time during the year the property of respondent was held by a receiver or trustee, give (a) name of receiver or trustee, (b) date such receiver or trustee took possession, (c) the authority by which the receivership or trusteeship was created, and (d) date when possession by receiver or trustee ceased.

N/A

4. State the classes of utility and other services furnished by respondent during the year in each State in which the respondent operated.

The Company is a public utility operating wholly within the State of Florida and is engaged in the generation, purchase, transmission, distribution and sale of electric energy.

5. State below each class of security of the respondent which is registered on a national securities exchange or is to become so registered upon notice of issuance. Give, (a) exact title of each class of securities, (b) amount of issued securities registered, (c) amount of unissued securities to become registered upon notice of issuance, and (d) name of each exchange upon which registered or to become registered. Explain briefly if the amounts of issued securities differ from the amounts shown by the respondent's balance sheet.

- a) Tampa Electric Company Common Stock
- b) 15,290,902
- c) 9,709,098
- d) New York Stock Exchange

GENERAL INFORMATION (Continued)

6. State below the name and address of the respondent's independent certified public accountant or independent licensed public accountants (licensed on or before December 31, 1970, or registered public accountant through December 31, 1975) and date such accountant was engaged. If one of the above accountants has been engaged as the principal accountant to audit the respondent's financial statements who was not the principal accountant for the respondent's prior filed certified financial statements, state the date when such independent accountant was initially engaged.

Coopers & Lybrand
Exchange Bank Building
Tampa, FL 33602

Coopers & Lybrand have served as the Company's independent public accountants for more than forty years.

CORPORATIONS CONTROLLED BY RESPONDENT

1. Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars in a footnote.

2. If control was by other means than a direct holding of vot-

ing rights, state in a footnote the manner in which control was held, naming any intermediaries involved.

3. If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.

Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Foot-note Ref. (d)
Tampa Bay Industrial Corporation Gulfcoast Transit Company Mid-South Towing Company Electro-Coal Transfer Corp. Southern Marine Management Corp. Cal-Glo Coal, Inc. G C Service Company, Inc.	Investments Transportation Company Transportation Company Cargo Transfer Company Transportation Management Coal Mining Cargo Handling	100 100 100 100 100 100 * 100**	
<p>*100% of the voting stock of Cal-Glo Coal Inc. is owned by Tampa Bay Industrial Corporation.</p>			
<p>**100% of the voting stock of G C Service Company, Inc. is owned by Electro-Coal Transfer Company</p>			

DEFINITIONS

1. See the Uniform System of Accounts for a definition of control.

2. Direct control is that which is exercised without interposition of an intermediary.

3. Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.

4. Joint control is that in which neither interest can effectively

control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

OFFICERS

1. Report below the name, title and salary for the year for each executive officer whose salary is \$50,000 or more. An "executive officer" of a respondent includes its president, secretary, treasury, and vice president in charge of a principal business unit, division or function (such as sales, administration or finance) and any other person who performs similar policy making functions.

2. If a change was made during the year in the incumbent of any position, show name and total remuneration of the previous incumbent and date change in incumbency was made.

3. Utilities which are required to file similar data with the Securities and Exchange Commission, may substitute a copy of item 4 of Regulation S-K, identified as this schedule page. The substituted page(s) should be conformed to the size of this page.

Line No.	Title (a)	Name of Officer (b)	Salary for Year (c)
1	President, Chief Executive Officer	H.L. Culbreath	\$155,625
2	Senior Vice President	G.P. Wood	79,500
3	V/P-Operations	J.D. Hicks	66,250
4	V/P-Finance & Treasurer	J.K. Taggart	66,250
5	V/P-Production	H.A. Turner	65,500
6	V/P-Services	E.G. Simmons	58,375
7	V/P-Administration	D.N. Campbell	58,750
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DIRECTORS

1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.

2. If any of the instructions 2, 3, 4, or 5 of the schedule, Officers, page 104 hereof, is applicable with respect to any director who is not an officer, furnish responses concerning the matters referred

to in those instructions. If the matters referred to in those instructions are not applicable, or if the reporting of this information is not required by reason of Instruction 7 of page 104, so state not required.

3. Members of the Executive Committee should be designated by an asterisk and the Chairman of the Executive Committee by a double asterisk.

Name of Director (a)	Principal Business Address (b)	Term Began (c)	Term Expires (d)	Directors' Meetings Attended During Year (e)	Fees During Year (f)
William C. MacInnes ** Chairman of The Board	111 N. Dale Mabry Tampa, FL 33609	4-79	4-80	4	\$ 6,200
H. L. Culbreath * President, Chief Executive Officer	111 N. Dale Mabry Tampa, FL 33609	4-79	4-80	4	-
Richard P. Chapman	P. O. Box 2197 Boston, Mass. 02106	4-79	4-80	4	6,200
Richard M. Clewis, Jr. *	3401 San Nicholas Street Tampa, FL 33609	4-79	4-80	4	6,600
Hugh F. Culverhouse	Florida National Bank Bldg Jacksonville, FL 32202	4-79	4-80	3	5,800
Alfred S. Estes *	P. O. Box 938 Winter Haven, FL 33880	4-79	4-80	4	6,600
Willis C. Fitkin	2901 Gulf Shore Blvd. N. Naples, FL 33940	4-79	8-79	2	3,600
Charles F. Hovey	100 Federal Street Boston, Mass, 02110	4-79	4-80	4	6,200
William J. Turbeville, Jr. *	LBM Building, Room 301 1311 N. Westshore Blvd. Tampa, FL 33607	4-79	4-80	4	6,400
James O. Welch, Jr.	Nabisco, Inc. E. Hanover, N.J. 07936	4-79	4-80	3	6,000

SECURITY HOLDERS AND VOTING POWERS

1. (A) Give the names and addresses of the 10 security holders of the respondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent, prior to the end of the year, had the highest voting powers in the respondent, and state the number of votes which each would have had the right to cast on that date if a meeting were then in order. If any such holder held in trust, give in a footnote the known particulars of the trust (whether voting trust, etc.), duration of trust, and principal holders of beneficiary interests in the trust. If the stock book was not closed or a list of stockholders not compiled within one year prior to the end of the year, or if since the previous compilation of a list of stockholders, some other class of security has become vested with voting rights, then show such 10 security holders as of the close of the year. Arrange the names of the security holders in the order of voting power, commencing with the highest. Show in column (a) the titles of officers and directors included in such list of 10 security holders.

(B) Give also the voting powers resulting from ownership of securities of the respondent of each officer and director not included in the list of 10 largest security holders.

2. If any security other than stock carries voting rights, explain in a supplemental statement the circumstances whereby such security became vested with voting rights and give other important particulars concerning the voting rights of such security. State whether voting rights are actual or contingent and if contingent describe the contingency.

3. If any class or issue of security has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by any method, explain briefly.

4. Furnish particulars concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent, including prices, expiration dates, and other material information relating to exercise of the options, warrants, or rights. Specify the amount of such

securities or assets so entitled to be purchased by any officer, director, associated company, or any of the ten largest security holders. This instruction is inapplicable to convertible securities or to any securities substantially all of which are outstanding in the hands of the general public where the options, warrants, or rights were issued on a prorata basis.

5. Give date of the latest closing of the stock book prior to end of year, and state the purpose of such closing
 Not closed during 1979

6. State the total number of votes cast at the latest general meeting prior to the end of year for election of directors of the respondent and number of such votes cast by proxy
 Total 11,592,979
 By proxy 11,552,511

7. Give the date and place of such meeting
 April 10, 1979-Tampa, FL

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1 (A)

Line No.	Name and Address of Security Holder (a)	VOTING SECURITIES Number of votes as of December 31, 1979			
		Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
1	Total votes of all voting securities	15,290,902	15,290,902		
2	Total number of security holders		17,472	776	
3	Total votes of security holders listed below				
4	Cede & Co., Box 20-Bowling Green Station, NY, NY 10004	2,834,939	2,834,939		
5	Schmidt & Co., %Morgan Guaranty Trust Co, PO Box 1479-Church St. Station, NY, NY 10008	292,200	292,200		
6	Saxon & Co., 1632 Chestnut St., Philadelphia, PA 19103	285,817	285,817		
7	Teacher Retirement Sys. of Texas, 1001 Trinity St, Austin, TX 78701	279,400	279,400		
8	Metropolitan Life Insurance Co., 1 Madison Ave., NY, NY 10010	260,100	260,100		
9	Boyd & Co., P O Box 15004, NY, NY, 10049	215,300	215,300		
10	HICO, Box 690-Church St. Station, NY, NY 10008	204,100	204,100		
11	Bloom & Co., P O Box 7438-Church St. Station, NY, NY 10249	200,000	200,000		
12	Kray & Co., P O Box 10645, Newark, NJ 07101	174,281	174,281		
13	Arkbo & Co., P O Box 3182, Boston, MA 02107	153,000	153,000		
14					
15					

Line No.	Name and Address of Security Holder (a)	Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
16	H. L. Culbreath, P. O. Box 111, Tampa, FL 33601	4 446	4 446		
17	G. P. Wood, " " " " " "	114	114		
18	D. N. Campbell, " " " " " "	307	307		
19	J. D. Hicks, " " " " " "	900	900		
20	E. G. Simmons, " " " " " "	386	386		
21	J. K. Taggart, " " " " " "	429	429		
22	H. A. Turner, " " " " " "	285	285		
23	J. E. Sproull, " " " " " "	646	646		
24	H. O. Johns, " " " " " "	248	248		
25	R. M. Clewis, Jr., " " " " " "	128	128		
26	H. F. Culverhouse, " " " " " "	1 000	1 000		
27	A. S. Estes, " " " " " "	300	300		
28	C. F. Hovey, " " " " " "	1 035	1 035		
29	W. C. MacInnes, " " " " " "	5 800	5 800		
30	W. J. Turbeville, Jr., " " " " " "	1 000	1 000		
31	J. O. Welch, Jr., " " " " " "	200	200		
32					
33					
34					
35	STOCK PURCHASE PLAN				
36					
37	The Company has a stock purchase plan which provides that the				
38	option price, subject to certain terms and conditions, shall				
39	be 85 per cent of the market value at designated dates. Pay-				
40	ments are withheld from employees during payment periods and				
41	the shares are subsequently issued. During 1979, 20,074 shares				
42	of common stock issued under the plan with total proceeds of				
43	\$311,604. At December 31, 1979, \$166,345 in subscriptions				
44	had been received for 10,725 shares of common stock.				
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1(B)

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4.

IMPORTANT CHANGES DURING THE YEAR

Hereunder give particulars concerning the matters indicated below. Make the statements explicit and precise and number them in accordance with the inquiries. Each inquiry should be answered. If "none" or "not applicable" states the fact, that response should be made. If information which answers an inquiry is given elsewhere in the report, reference to the schedule in which it appears will be sufficient.

1. Changes in and important additions to franchise rights: Describe the actual consideration given therefor and state from whom the franchise rights were acquired. If acquired without the payment of consideration state that fact.

2. Acquisition of ownership in other companies; reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.

3. Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.

4. Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents, and other conditions. State name of Commission authorizing lease and give reference to such authorization.

5. Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate

number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company also shall state major new continuing sources of gas made available to it from purchases, development, purchase contract, or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements etc.

6. Obligation incurred or assumed by respondent as guarantor for the performance by another of any agreement or obligation, excluding ordinary commercial paper maturing on demand or not later than one year after date of issue: State on behalf of whom the obligation was assumed and amount of the obligation. Give reference to Commission authorization if any was required.

7. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.

8. State the estimated annual effect and nature of any important wage scale changes during the year.

9. State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.

10. Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on page 106, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.

11. List electric generating units placed in service during the year, giving the in-service date, location and generating capacity.

1. Dade City franchise renewed without payment of consideration. The new franchise is for 30 years.
2. None
3. None
4. None
5. None
6. None
7. None
8. There were no significant wage scale changes during the year.
9. None
10. During 1979 the Company paid \$106,318 to the law firm of Herrick & Smith, of which Charles F. Hovey, a director of the Company, is a partner.
11. None

STATEMENT A COMPARATIVE BALANCE SHEET
Assets and Other Debits

Line No.	Title of Account (a)	Page No. (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Increase or (Decrease) (e)
1	Utility Plant*		\$	\$	\$
2	Utility Plant (101-106, 114).....	113	924 255 698	962 709 521	38 453 823
3	Construction Work in Progress (107).....	113	19 629 459	21 219 277	1 589 818
4	Total Utility Plant.....		\$ 943 885 157	\$ 983 928 798	\$ 40 043 641
5	Less Accumulated Provision for Deprec., Amort. and Depletion (108, 111, 115).....	113	188 449 066	216 322 291	27 873 225
6	Net Utility Plant, Less Nuclear Fuel...	113	\$ 755 436 091	\$ 767 606 507	\$ 12 170 416
7	Nuclear Fuel (120.1-120.4).....	200			
8	Less: Accum. Prov. For Amort. of Nuclear Fuel Assemblies (120.5).....	200			
9	Net Nuclear Fuel.....		\$	\$	\$
10	Net Utility Plant.....		\$	\$	\$
11	Gas Stored Underground-Noncurrent (117)....	207A			
12	Utility Plant Adjustments (116).....	112			
13	Other Property and Investments				
14	Nonutility Property (121) (less Accum. Prov. for Depr. & Amort. incl. in (122)).....	201	102 243	96 913	(5 330)
15	Investment in Associated Companies (123)...	202			
16	Investment in Subsidiary Companies (Cost \$)(123.1).....	203	20 138 674	24 034 198	3 895 524
17	Other Investments (124).....	202			
18	Special Funds (125 - 128).....		20 000	81 000	61 000
19	Total Other Property and Investments.....		\$ 20 260 917	\$ 24 212 111	\$ 3 951 194
	Current and Accrued Assets				
20	Cash (131).....	---	6 296 206	6 339 978	43 772
21	Special Deposits (132 - 134).....	---	1 653	1 727	74
22	Working Funds (135).....	---	52 382	404 874	352 492
23	Temporary Cash Investments (136).....	202			
24	Notes and Accts. Receivable (less Accumulated Provision for Uncoll. Accts.) (141-144)..	204	33 867 840	39 272 392	5 404 552
25	Receivables from Assoc. Companies (145, 146)..	206	1 842 473	953 974	(888 499)
26	Materials and Supplies (151-157, 163).....	207	60 039 411	73 337 930	13 298 519
27	Gas Stored Underground-Current (164).....	207A			
28	Prepayments (165).....	---	468 929	759 321	290 392
29	Interest and Dividends Receivable (171)....	---	315 494	9 647	(305 847)
30	Rents Receivable (172).....	---			
31	Accrued Utility Revenues (173).....	---			
32	Misc. Current and Accrued Assets (174).....	210			
33	Total Current and Accrued Assets.....		\$ 102 884 388	\$ 121 079 843	\$ 18 195 455
	Deferred Debits				
34	Unamort. Debt Expense (181).....	211	1 654 496	1 529 192	(125 304)
35	Extraordinary Property Losses (182).....	210			
36	Prelim. Survey and Investigation Charges (183)..	212	1 136 249	1 843 897	707 648
37	Clearing Accounts (184).....	---	1 351	4 005	2 654
38	Temporary Facilities (185).....	---			
39	Miscellaneous Deferred Debits (186).....	214	702 195	668 862	(33 333)
40	Deferred Losses from Disposition of Utility Plant (187).....	214A	900 253		(900 253)
41	Research, Development and Demonstration Expenditures (188)	448	65 992	71 481	5 489
42	Unamortized Loss on Recquired Debt (189)..	214B			
43	Accumulated Deferred Income Taxes (190)...	214C	275 060	349 831	74 771
44	Total Deferred Debits.....	---	\$ 4 735 596	\$ 4 467 268	\$ (268 328)
45	Total Assets and Other Debits.....		\$ 883 316 992	\$ 917 365 729	\$ 34 048 737

* These accounts are conformed to NARUC accounts in which amounts recorded in PERL accounts 118 and 119 are classified to the accounts indicated under this caption.

COMPARATIVE BALANCE SHEET

Statement A

Liabilities and Other Credits (omit cents)

Line No.	Title of Account (a)	Page No. (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Increase or (Decrease) (e)
	Proprietary Capital		\$	\$	\$
1	Common Stock Issued (201) -----	215	117 638 465	118 306 169	667 704
2	Preferred Stock Issued(204) -----	215	55 000 000	55 000 000	
3	Capital Stock Subscribed (202, 205) -----	216	150 389	166 345	15 956
4	Stock Liability for Conversion (203, 206) -----	216			
5	Premium on Capital Stock (207) -----	216	19 245	19 245	
6	Other-Paid-In Capital (208-211) -----	217			
7	Installments Received on Capital Stock (212) -----	216			
8	Discount on Capital Stock (213) -----	218			
9	Capital Stock Expense (214) -----	218	(1 338 638)	(1 338 638)	
10	Retained Earnings (215, 215.1, 216) -----	117	137 567 945	144 457 190	6 889 245
11	Unappropriated Undistributed Subsidiary Earnings (216.1) -----	117	10 776 286	14 671 811	3 895 525
12	Reacquired Capital Stock (217) -----	215			
13	Total Proprietary Capital -----		\$319 813 692	\$331 282 122	\$ 11 468 430
	Long-Term Debt				
14	Bonds (221) (Less \$ ----- reacquired (222)) -----	219	337 921 305	335 220 000	(2 701 305)
15	Advances from Associated Companies (223) -----	219			
16	Other Long-Term Debt (224) -----	219			
17	Unamortized Premium on Long-Term Debt (225) -----	211	959 758	900 968	(58 790)
18	Unamortized Discount on Long-Term Debt-Dr. (226) -----	211			
19	Total Long-Term Debt -----		\$338 881 063	\$336 120 968	\$ (2 760 095)
	Current and Accrued Liabilities				
20	Notes Payable(231) -----	221	30 379 000	36 271 000	5 892 000
21	Accounts Payable (232) -----	---	20 742 140	16 660 851	(4 081 289)
22	Payables to Associated Companies (233, 234) -----	221	2 992 106	4 920 552	1 928 446
	Customer Deposits (235) -----	---	8 312 386	9 151 436	839 050
	Taxes Accrued (236) -----	222	15 524 250	16 753 109	1 228 859
25	Interest Accrued (237) -----	---	4 157 947	4 302 822	144 875
26	Dividends Declared (238) -----	---			
27	Matured Long-Term Debt (239) -----	---			
28	Matured Interest (240) -----	---			
29	Tax Collections Payable (241) -----	---	1 496 349	1 678 267	181 918
30	Miscellaneous Current and Accrued Liabilities (242) -----	224	5 380 013	10 429 882	5 049 869
31	Total Current and Accrued Liabilities -----		\$ 88 984 191	\$100 167 919	\$ 11 183 728
	Deferred Credits				
32	Customer Advances for Construction (252) -----	224	13 364	13 364	
33	Accumulated Deferred Investment Tax Credits (255) -----	229	34 118 100	36 817 700	2 699 600
34	Deferred Gains from Disposition of Utility Plant(256) -----	224A			
35	Other Deferred Credits (253) -----	225	361 957	15	(361 942)
36	Unamortized Gain on Reacquired Debt (257) -----	214B			
37	Accumulated Deferred Income Taxes (281-283) -----	227-227E	100 601 029	112 266 510	11 665 481
38	Total Deferred Credits -----		\$135 094 450	\$149 097 589	\$ 14 003 139
	Operating Reserves				
39	Operating Reserves (261-265) -----	226	543 596	697 131	153 535
40	Total Liabilities and Other Credits -----		\$883 316 992	\$917 365 729	\$ 34 048 737

STATEMENT A

(Continued)

NOTES TO BALANCE SHEET

1. The space below is provided for important notes regarding the balance sheet or any account thereof.

2. Furnish particulars as to any significant contingent assets or liabilities existing at end of year, including brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.

3. For Account 116, Utility Plant Adjustments, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.

4. Where Accounts 189, Unamortized loss on Reacquired Debt and 257, Unamortized Gain on Reacquired Debt are not used give an explanation to include the rate treatment given these items. See General Instruction 17, Uniform Systems of Accounts.

5. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.

6. If the notes to balance sheet relating to the respondent company appearing in the annual report to the stockholders are applicable in every respect and furnish the data required by Instructions 2, 3, 4, and 5 above, such notes may be attached hereto.

5. Dividend restrictions in Tampa Electric Company's First Mortgage Bond Indenture amounted to \$4,373,093 as of December 31, 1979.

STATEMENT B SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION

Line No.	Item (a)	Total (b)	Electric (c)	Gas (d)	(e)	(f)	Common* (g)
1	UTILITY PLANT	\$	\$	\$	\$	\$	\$
2	In Service:						
3	Plant in Service (Classified).....	934 102 949	934 102 949				
4	Plant Purchased or Sold.....						
5	Completed Construction not Classified.....	19 857 305	19 857 305				
6	Experimental Plant Unclassified.....						
7	Total.....	953 960 254	953 960 254				
8	Leased to Others.....						
9	Held for Future Use.....	8 749 267	8 749 267				
10	Construction Work in Progress.....	21 219 277	21 219 277				
11	Acquisition adjustments.....						
12	Total Utility Plant.....	983 928 798	983 928 798				
13	Accum. Prov. for Depr., Amort., & Depl.....	216 322 291	216 322 291				
14	Net Utility Plant.....	767 606 507	767 606 507				
15	DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION, & DEPLETION						
16	In Service:						
17	Depreciation.....	215 370 306	215 370 306				
18	Amort. and Depl. of Producing Natural Gas Land and Land Rights.....						
19	Amort. of Underground Storage Land and Land Rights.....						
20	Amort. of Other Utility Plant.....	17 239	17 239				
21	Total, in Service.....	215 387 545	215 387 545				
22	Leased to Others:						
23	Depreciation.....						
24	Amortization and Depletion.....						
25	Total, Leased to Others.....						
26	Held for Future Use:						
27	Depreciation.....	934 746	934 746				
28	Amortization.....						
29	Total, Held for Future Use.....	934 746	934 746				
30	Abandonment of Leases (natural gas).....						
31	Amort. of Plant Acquisition Adj.....						
32	Total Accumulated Provisions (should agree with line 13 above).....	216 322 291	216 322 291				

* See page 351 for detail of common utility plant and expenses.

STATEMENT C

STATEMENT OF INCOME FOR THE YEAR

1. Amounts recorded in accounts 412 and 413, Revenue from Utility Plant Leased to Others, will be reported using one of the vertical columns to spread amounts over lines 1 to 19, as appropriate similar to a utility department. These amounts will also be included in columns (c) and (d) totals.

2. Amounts recorded in account 414, Other Utility Operating Income, will be reported in a separate column as prescribed for accounts 412 and 413, above.

3. The space below is provided for important notes regarding the statement of income or any account thereof.

4. Give concise explanations concerning unsettled rate proceedings where a contingency exists that refunds of a material amount may need to be made to the utility's

customers or which may result in a material refund to the utility with respect to power or gas purchases. State for each year affected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power and gas purchases.

5. Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases. State the accounting treatment accorded such refunds and furnish the necessary particulars, including income tax effects, so that corrections of prior income and

Line No.	Account (a)	Sch. Page No. (b)	TOTAL		ELECTRIC
			Current year (c)	Increase or (decrease) from preceding year (d)	Current year (e)
1	UTILITY OPERATING INCOME				
2	Operating Revenues (400)	--	\$ 444 895 499	\$ 48 976 248	\$ 444 895 499
3	Operating Expenses:				
4	Operation Expenses (401)	--	273 742 865	55 233 281	273 742 865
5	Maintenance Expenses (402)	--	31 457 802	6 287 788	31 457 802
6	Depreciation Expense (403)	--	32 183 775	1 071 098	32 183 775
7	Amort. & Depl. of Utility Plant (404*-405)	--	1 014	(349)	1 014
8	Amort. of Utility Plant Acq. Adj. (406)	--			
9	Amort. of Property Losses (407)*	--			
10	Amort. of Conversion Expenses (407)*	--			
11	Taxes Other Than Income Taxes (408.1)	222	26 694 019	2 824 919	26 694 019
12	Income Taxes - Federal (409.1)	222	9 180 819	(7 879 167)	9 180 819
13	- Other (409.1)	222	1 567 224	(775 040)	1 567 224
14	Provision for Deferred Inc. Taxes (410.1)	214, 217	14 734 726	(1 208 730)	14 734 726
15	Provision for Deferred Income Taxes - Cr. (411.1)	214, 217	(2 914 529)	(38 421)	(2 914 529)
16	Investment Tax Credit Adj. - Net (411.4)	228-9	3 074 640	68 090	3 074 640
17	Gains from Disp. of Utility Plant (411.6)	224A	()	()	()
18	Losses from Disp. of Utility Plant (411.7)	214A	866 764	(137 482)	866 764
19	Total Utility Operating Expenses		\$ 390 589 119	\$ 55 445 987	\$ 390 589 119
20	Net Utility Operating Income (carry forward to page 116-A, line 22)		\$ 54 306 380	\$ (6 469 739)	\$ 54 306 380

NOTES TO STATEMENT OF INCOME

*Accounts 404.1, 404.2, 404.3, 407.1, 407.2 for natural gas companies

STATEMENT OF INCOME FOR THE YEAR (Continued)			STATEMENT C	
Line No.	Account (a)	Sch. page No. (b)	TOTAL	
			Current year (c)	Increase or decrease from preceding year (d)
22	Net Utility Operating Income (Forwarded from Page 114)	-	\$ 54 306 380	\$ (6 469 739)
23	OTHER INCOME AND DEDUCTIONS			
24	Other Income:			
25	Nonutility Operating Income (415-418).....	303	5 620	295
26	Equity in Earnings of Subsidiary Companies (418.1).....	-	(6 241 525)	1 418 860
27	Interest and Dividend Income (419).....	303	511 907	150 247
28	Allowance for Other Funds Used During Construction (419.1).....	-	1 002 123	3 162
29	Miscellaneous Nonoperating Income (421).....	303	26 442	16,159
30	Gain on Disposition of Property (421.1).....	300	38 791	355,231
31	Total Other Income	-	\$ 7 826 408	\$ 1 943 954
32	Other Income Deductions:			
33	Loss on Disposition of Property (421.2)	300		
34	Miscellaneous Amortization (425)	304		
35	Miscellaneous Income Deductions (426.1 - 426.5).....	304	382 786	101 179
36	Total Other Income Deductions	-	\$ 382 786	\$ 101 179
37	Taxes Applic. to Other Income and Deductions:			
38	Taxes Other Than Income Taxes (408.2)	222	3 876	78
39	Income Taxes - Federal (409.2)	222	127 500	155 500
40	- Other (409.2).....	222	14 500	17 500
41	Provision for Deferred Inc. Taxes (410.2).....	214C-227		
42	Provision for Deferred Income Taxes-Cr. (411.2).....	214C-227	()	
43	Investment Tax Credit Adj. - Net (411.5)	228-9		
44	Investment Tax Credits (420)	228-9		
45	Total Taxes on Other Income and Deductions	-	\$ 145 876	\$ 173 078
46	Net Other Income and Deductions	-	\$ 7 297 746	\$ 1 669 697
47	INTEREST CHARGES			
48	Interest on Long-Term Debt (427)	-	21 640 261	(290 285)
49	Amort. of Debt Disc. and Expense (428)	211	125 304	(3 533)
50	Amortization of Loss on Recquired Debt (428.1).....	214B		
51	Amort. of Premium on Debt - Credit (429).....	211	(58 790)	961
52	Amortization of Gain on Recquired Debt - Credit (429.1).....	214B	()	
53	Interest on Debt to Assoc. Companies (430)	304		
54	Other Interest Expense (431).....	304	4 619 257	1 656 091
55	Allowance for Borrowed Funds Used During Construction - Credit (432).....	-	(615 770)	(1 943)
56	Net Interest Charges	-	\$ 25 710 262	\$ 1 361 291
57	Income Before Extraordinary Items	-	\$ 35 893 864	\$ (6 161 333)
58	EXTRAORDINARY ITEMS			
59	Extraordinary Income (434).....	306		
60	Extraordinary Deductions (435).....	306	()	
61	Net Extraordinary Items	-	\$	\$
62	Income Taxes - Federal and Other (409.3)	222	\$	\$
63	Extraordinary Items After Taxes	-	\$	\$
64	NET INCOME	-	\$ 35 893 864	\$ (6 161 333)

STATEMENT D

STATEMENT OF RETAINED EARNINGS FOR THE YEAR

1. Report in this schedule all changes in appropriated retained earnings, unappropriated retained earnings and unappropriated undistributed subsidiary earnings for the year.

2. Each credit and debit during the year should be identified as to the retained earnings account in which recorded (Accounts 433, 436-439 inclusive) and the contra primary account affected shown in column (b).

3. For each reservation or appropriation of retained earnings state the purpose and amount.

4. List first, account 439, Adjustments to Retained Earnings reflecting adjustments to the opening balance of retained earnings. Follow by credit, then debit items.

5. Dividends should be shown for each class and series of capital stock. Show amounts of dividends per share.

6. Show separately the state and federal income tax effect of items shown in account 439, Adjustments to Retained Earnings.

7. Explain in a footnote the basis for determining the amount reserved or appropriated and if such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.

8. If any notes appearing in the report to stockholders are applicable to this statement, attach them hereto the Notes to Statement of Retained Earnings.

Line No.	Name (a)	Contra Primary Account Affected (b)	Amount (c)
	UNAPPROPRIATED RETAINED EARNINGS (Account 216)		\$
1	Balance—Beginning of year.....		137 567 945
2	Changes (Identify by prescribed retained earnings accounts):		
3	Adjustments to Retained Earnings (Account 439):		
4	Credits:		
5			
6			
7			
8			
9	Total Credits to Retained Earnings (Account 439)-----		\$
10	Debits:		
11			
12			
13			
14			
15	Total Debits to Retained Earnings (Account 439)-----		\$
16	Balance Transferred from Income (Account 433)-----		\$ 29 652 339
17	Appropriations of Retained Earnings (Account 436):		
18			
19			
20			
21			
22	Total Appropriations of Retained Earnings (Account 436)-----		\$
23	Dividends Declared - Preferred Stock (Account 437):		
24	Series A - \$4.32 per share		216 000
25	Series B - \$4.16 per share		208 000
26	Series D - \$4.58 per share		458 000
27	Series E - \$8.00 per share		1 200 000
28	Series F - \$7.44 per share		1 488 000
29	Total Dividends Declared - Preferred Stock (Account 437)-----		\$ 3 570 000
30	Dividends Declared - Common Stock (Account 438):		
31			
32			
33	\$1.41 per share		21 539 094
34			
35			
36	Total Dividends Declared - Common Stock (Account 438)-----		\$ 21 539 094
37	Transfers from Acct. 216.1, Unappropriated Undistributed Subsidiary Earnings		\$ 2 346 000
38	Balance—End of Year-----		\$ 144 457 190

STATEMENT OF RETAINED EARNINGS FOR THE YEAR - Statement D (Continued)

Line No.	Item (a)	Amount (b)
39 40 41 42 43 44 45	<p style="text-align: center;">APPROPRIATED RETAINED EARNINGS (Account 215)</p> <p>State balance and purpose of each appropriated retained earnings amount at end of year and give accounting entries for any applications of appropriated retained earnings during the year.</p> <p style="text-align: right;">Total Appropriated Retained Earnings (Account 215) -----</p>	\$
46 47 48 49	<p style="text-align: center;">APPROPRIATED RETAINED EARNINGS-AMORTIZATION RESERVE, FEDERAL (Account 215.1)</p> <p>State below the total amount set aside through appropriations of retained earnings, as of the end of the year, in compliance with the provisions of Federally granted hydroelectric project licenses held by the respondent. This total shall agree with the amounts reported on schedule page 13, Appropriated Retained Earnings-Amortization Reserve, Federal, of the FPC Form No. 9, Annual Report for Licensees of Privately Owned Major Projects (Utility and Industrial). If any reductions or changes other than the normal annual credits hereto have been made during the year, explain such items in detail in a footnote.</p> <p style="text-align: right;">Total Appropriated Retained Earnings-Amortization Reserve, Federal (Account 215.1) -----</p> <p style="text-align: right;">Total Appropriated Retained Earnings (Accounts 215, 215.1) -----</p> <p style="text-align: right;">Total Retained Earnings (Account 215, 215.1, 216) -----</p>	\$ 144 457 190
50 51 52 53 54	<p style="text-align: center;">UNAPPROPRIATED UNDISTRIBUTED SUBSIDIARY EARNINGS (Account 216.1)</p> <p>Balance - Beginning of Year (Debit or Credit) -----</p> <p>Equity in earnings for year (Credit) -----</p> <p>Dividends received (Debit) -----</p> <p>Other changes (Explain) -----</p> <p>Balance - End of Year -----</p>	\$ 10 776 286 \$ 6 241 525 \$ 2 346 000 \$ \$ 14 671 811
	NOTES TO STATEMENT OF RETAINED EARNINGS FOR THE YEAR	

STATEMENT E		STATEMENT OF CHANGES IN FINANCIAL POSITION	
Line No.	SOURCES OF FUNDS (a)	Amounts (b)	
1	Funds from Operations:	\$	
2	Net Income	35	893 864
3	Principal Non-Cash Charges (Credits) to Income:		
4	Depreciation and depletion	32	183 775
5	Amortization of		1 014
6	Provision for deferred or future income taxes (net)	11	820 197
7	Investment tax credit adjustments	3	074 640
8	Less: Allowance for other funds used during construction	1	002 123
9	Other (net): Net Income of Subsidiaries	(6)	241 525
10	Automobile Depreciation Charged to Expense		541 309
11	Amortization of Premium & Expense on Debt		66 514
11	Allowance for Borrowed Funds Used During Const.		(615 770)
12	Total Funds from Operations	\$	75 721 895
13	Funds from Outside Sources (new money):		
14	Long-term debt (b) (c)	5	428 695
15	Preferred stock (c)		
16	Common stock (c)		683 661
17	Net increase in short-term debt (d)		
18	Other (net): Automobile Depreciation Charged to Construction		404 921
19	Decrease in Investment in Subsidiaries	3	206 699
20	Other		(78 607)
21	Total Funds from Outside Sources	\$	9 645 369
22	Sale of Non-Current Assets (e):		
23			
24	Contributions from Associated and Subsidiary Companies		
25	Other (net) (a):		
26			
27			
28	Total Sources of Funds	\$	85 367 264
29	APPLICATION OF FUNDS		
30			
31	Construction and Plant Expenditures (incl. land):	\$	
32	Gross additions to utility plant (less nuclear fuel)	45	296 106
33	Gross additions to nuclear fuel		
34	Gross additions to common utility plant		
35	Gross additions to nonutility plant		
36	Less: Allowance for other funds used during construction	1	002 123
37	Other Allowance for Borrowed Funds Used During Construction		(615 770)
38	Total Applications to Construction and Plant Expenditures (incl. land)	\$	43 678 213
39	Dividends on Preferred Stock	3	570 000
40	Dividends on Common Stock	21	539 094
41	Funds for Retirement of Securities and Short-Term Debt:		
42	Long-term debt (b) (c)	3	680 000
43	Preferred stock (c)		
44	Redemption of capital stock		
45	Net decrease in short-term debt (d)	(5)	892 000
46	Other (net):		
47			
48	Purchase of Other Non-Current Assets (e):		
49	Net Decrease in Other Deferred Debits & Credits		516 532
50			
51	Investments in and Advances to Associated and Subsidiary Companies		
52	Other (net) (a): Increase in Current Assets	19	117 154
53	Increase in Current Liabilities excluding Short-Term Debt		(841 729)
54			
55	Total Applications of Funds	\$	85 367 264

NONUTILITY PROPERTY (Account 121)

1. Give a brief description and state the location of nonutility property included in Account 121.
2. Designate any property which is leased to another company. State name of lessee and whether lessee is an associated company.
3. Furnish particulars concerning sales, purchases, or transfers of nonutility Property during the year.

4. List separately all property previously devoted to public service and give date of transfer to Account 121, Nonutility Property. These items are separate and distinct from those allowed to be grouped under instruction No. 5.
5. Minor items may be grouped.

Line No.	Description and Location (a)	Balance Beginning of Year (b)	Purchases Sales, Transfers, etc. (c)	Balance end of the year (d)
1	Approximately .76 acres of property adjacent to the Company's Production Office located on Causeway Blvd. and 50th Street.	13 053		\$
2				
3				
4				
5				
6	Mobile home, utility shed and carport located on land purchased for Big Bend Buffer Zone.	6 080	(6 080)	-0-
7				
8				
10	Approximately .20 acres located in Hillsborough County, South of Hwy. 60 on Keysville Road.	189		189
11				
12				
14	Approximately 15 acres located north of Hillsborough/Manatee County Line, west of U.S. Highway 41	29 077		29 077
15				
16				
19	Property located on North side of Polk Street between Pierce and Jefferson Streets	54 594		54 594
20				
21				
22		<u>102 993</u>		<u>96 913</u>
23				
24				
25				

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY (Account 122)

Report below the information called for concerning depreciation and amortization of nonutility property.

Line No.	Item (a)	Amount (b)
34	Balance, beginning of year.....	\$ 750
35	Accruals for year, charged to:	
36	(417) Income from Nonutility Operations.....	750
37	(418) Nonoperating Rental Income.....	
38	Other Accounts (specify):.....	
39	
40	Total Accruals for Year.....	750
41	Net charges for plant retired:	
42	Book cost of plant retired.....	6 000
43	Cost of removal.....	98
44	Salvage (credit).....	(5 700)
45	Total Net Charges.....	398
46	Other debit or credit items (describe):.....	
47	Gain from sale.....	1 102
48	Balance, end of year.....	-0-

INVESTMENT IN SUBSIDIARY COMPANIES (Account 123.1)

1. Report below investments in Account 123.1, Investment in Subsidiary Companies.

2. Provide a subheading for each company and list thereunder the information called for, observing the instructions below. Sub-total by company and give a total in columns (e), (f), (g) and (h).

3. Investment in Securities—List and describe each security owned. For bonds give also principal amount, date of issue, maturity, and interest rate.

4. Investment Advances—Report separately the amounts of loans or investment advances which are subject to repayment but which are not subject to current set-

tlement. With respect to each advance show whether the advance is a note or open account. Each note should be listed giving date of issuance, maturity date, and specifying whether note is a renewal.

5. Report separately the equity in undistributed subsidiary earnings since acquisition. The total in columns (e) should equal the amount in account 418.1.

6. For any securities, notes, or accounts that were pledged, designate such securities, notes, or accounts and in a footnote, state the name of pledgee and purpose of the pledge.

7. If Commission approval was required for any ad-

vance made or security acquired, designate such fact and in a footnote give name of Commission, date of authorization, and case or docket number.

8. Interest and dividend revenues from investments should be reported in column (f), including such revenues from securities disposed of during the year.

9. In column (h), report for each investment disposed of during the year the gain or loss represented by the difference between cost of the investment (or the other amount at which carried in the books of account if different from cost) and the selling price therefor, not including interest adjustment includible in column (f).

Line No.	Description of Investment (a)	Date Acquired (b)	Date of Maturity (c)	Amount of Investment Beginning of Year (d)	Equity in Subsidiary Earnings for Year (e)	Revenues for Year (f)	Amount of Investment End of Year (g)	Gain or Loss from Investment Disposed of (h)
1	<u>ACCOUNT 123.1</u>			\$	\$	\$	\$	\$
2								
3	Gulfcoast Transit Company	3-13-59		5,004,879	3,153,249	2,072,400	6,085,728	
4								
5	Midsouth Towing Company	3-13-59		3,943,128	429,116	273,600	4,098,644	
6								
7	Electro-Coal Transfer Corp.	12-23-63		2,470,814	833,104	-0-	3,303,918	
8								
9	Tampa Bay Industrial Corp.	9-16-66		8,689,852	1,826,056	-0-	10,515,908	
10								
11	Southern Marine Management	5-31-68		30,000	-0-	-0-	30,000	
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	TOTAL			\$ 20,138,673	\$ 6,241,525	\$ 2,346,000	\$ 24,034,198	

NOTES AND ACCOUNTS RECEIVABLE

Summary for Balance Sheet

Show separately by footnote the total amount of notes and accounts receivable from directors, officers, and employees included in Notes Receivable (Account 141) and Other Accounts Receivable (Account 143)

Line No.	Accounts (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Notes Receivable (Account 141).....	\$ 28 301	\$ -0-
2	Customer Accounts Receivable (Account 142).....	30 826 799	35 951 256
3	Other Accounts Receivable (Account 143).....	3 353 987	3 662 103
	(Disclose any capital stock subscriptions received)		
4	Total.....	34 208 817	39 613 368
5	Less: Accumulated Provision for Uncollectible		
	Accounts—Cr. (Account 144).....	34 977	340 977
6	Total, Less Accumulated Provision for Uncollectible Accounts.....	\$33 867 840	\$39 272 392
7			
8			
9			
10			
11	Account 141	-0-	-0-
12	Account 143 <i>for employees</i>	2 587 882	2 851 499
13			
14			
15			
16			

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS—CR. (Account 144)

1. Report below the information called for concerning this accumulated provision.
2. Explain any important adjustments of subaccounts.
3. Entries with respect to officers and employees shall not include items for utility services.

Line No.	Item (a)	Utility Customers (b)	Merchandise, Jobbing and Contract Work (c)	Officers and Employees (d)	Other (e)	Total (f)
21	Balance beginning of year.....	\$ 340 977	\$	\$	\$	\$ 340 977
22	Prov. for uncollectibles for year.....	1 004 149	←			1 004 149
23	Accounts written off.....	(1 177 023)	()	()	()	(1 177 023)
24	Coll. of accounts written off.....	172 874				172 874
25	Adjustments (explain) :					
26					
27	Balance end of year.....	\$ 340 977				\$ 340 977
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)

1. Report particulars of notes and accounts receivable from associated companies at end of year.
2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.
3. For notes receivable list each note separately and state purpose for which received. Show also in column (a) date of note, date of maturity and interest rate.
4. If any note was received in satisfaction of an open account, state the period covered by such open account.
5. Include in column (f) interest recorded as income during the year, including interest on accounts and notes held any time during the year.
6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest For Year (f)
			Debits (c)	Credits (d)		
1	<u>Account 145</u>					
2						
3	Demand Note 7/29/77*	\$370,000.00			\$370,000.00	\$ 52,043.31
4	11/13/78**	654,695.13		\$654,695.13		34,584.74
5	12/04/78**	390,910.95		390,910.95		20,654.21
6	12/26/78**	108,092.49		108,092.49		5,708.90
7	01/02/79**		\$ 13,514.09	13,514.09		707.92
8	01/10/79**		634,309.11	634,309.11		31,315.73
9	02/06/79**		158,649.26	158,649.26		6,218.83
10	03/08/79**		132,540.14	132,540.14		3,697.51
11	03/29/79**		111,442.81	111,442.81		2,227.33
12	04/10/79**		169,113.28	169,113.28		2,627.04
13	05/08/79**		142,748.41	142,748.41		739.16
14	05/15/79**		25,000.00		25,000.00	2,252.73
15	05/31/79**		87,670.00	87,670.00		1,848.28
16	06/07/79**		45,000.00	45,000.00		832.19
17	06/14/79**		400,000.00	400,000.00		29,736.97
18	06/22/79**		100,000.00	100,000.00		665.77
19	06/27/79**		425,000.00	425,000.00		31,537.33
20	06/29/79**		10,000.00	10,000.00		603.02
21	07/23/79**		225,000.00	225,000.00		332.88
22	07/25/79**		970,000.00	970,000.00		717.53
23	09/13/79**		33,000.00		33,000.00	1,496.75
24	09/24/79**		10,000.00	10,000.00		281.23
25	10/25/79**		5,000.00	5,000.00		142.26
26	11/06/79**		50,000.00		50,000.00	1,167.83
27	11/28/79**		90,000.00	90,000.00		76.44
28	12/14/79**		70,000.00		70,000.00	505.34
29	12/20/79**		115,000.00		115,000.00	537.19
30		\$ 523,698.57	\$ 2,987.10	\$ 4,883,685.67	\$ 663,000.00	\$ 233,258.42
31	All Notes @Prime +2%					
32						
33	*Temporary Investment Advance					
34	**Temporary Advance to meet Construction Requirement.					
35						
36						
37						
38						
39						
40						
41						
42						
43						
				TOTAL		

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)

1. Report particulars of notes and accounts receivable from associated companies at end of year.

2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.

3. For notes receivable list each note separately and state purpose for which received. Show also in column (a) date of note, date of maturity and interest rate.

4. If any note was received in satisfaction of an open account, state the period covered by such open account.

5. Include in column (f) interest recorded as income during the year, including interest on accounts and notes held any time during the year.

6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest For Year (f)
			Debits (c)	Credits (d)		
1	Account 146					
2	Cal-Glo Coal Corp.	\$244,116.18	\$1,563,131.62	\$1,798,314.77	\$ 8,933.03	
3	Tampa Bay Industrial	71,067.70	263,960.02	109,677.36	225,350.36	
4	Corporation					
5	Electro-CoalTrans.	3,591.00	276,945.08	236,786.08	43,750.00	
6	Corp.					
7	Mid-South Towing Co.		1,382.54	1,382.54		
8						
9	Gulfcoast Transit Co.		1,917.71	1,917.71		
10	Southern Marine					
11	Management		28,975.61	16,035.23	12,940.38	
12						
13	G C Service Co., Inc.		118.93	118.93		
14		\$318,774.88	2,136,431.51	2,164,232.62	290,973.77	
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43				TOTAL	\$ 953,973.77	\$223,258.42

MATERIALS AND SUPPLIES

1. For Account 154, report the amount of plant materials and operating supplies at end of year under titles which are indicative of the character of the material included. In column (d), designate the department or departments which use the class of material.

2. Give an explanation of important inventory adjustments during year (on a separate page) showing general classes of material and supplies and the various accounts (operating expense, clearing accounts, plant, etc.) affected—debited or credited. Debits or credits to stores expense-clearing shall be shown separately, if applicable.

Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Department or Departments which use material (d)
1	Fuel Stock (Acct. 151)(See sch. pg 209)	\$ 46,232,859	\$ 57,228,844	Electric
2	Fuel Stock Expenses Undistributed (Acct. 152) ...	2,981	22	
3	Residuals & Extracted Products (Acct. 153).....			
4	Plant Materials & Operating Supplies (Acct.154):			
5	Substation Material		652,452	Electric
6	Poles & Fixtures		1,165,968	
7	Overhead Material		1,040,363	
8	Communication Equipment		123,722	
9	Overhead Wire & Cable		907,531	
10	Fuses & Fuse Links		134,936	
11	Underground Cable & Material		1,519,457	
12	Metering		60,816	
13	Street Lighting		345,557	
14	Misc. Tools & Equipment		255,012	
15	Transformers		2,630,906	
16	Bushings		260,213	
17	Accounts Payable-Not Classified		734,331	
18	Power Plant Parts & Supplies		6,121,273	
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30	Total Account 154	\$ 13,675,191	\$ 15,952,537	
31	Merchandise (Account 155)			
32	Other Materials & Supplies (Acct. 156)	\$ 122,826	\$ 149,614	Electric
33	Nuclear Materials Held for Sale (Acct. 157) *.....			
34	Stores Expense Undistributed (Acct. 163).....	5,554	6,913	
35				
36				
37				
38				
39	Total Materials & Supplies (per balance sheet)..	\$ 60,039,411	\$ 73,337,930	

* Not applicable to Gas Utilities

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

1. Report below the information called for concerning production fuel and oil stocks.
 2. Show quantities in tons of 2000 lb. barrels (42 gal.), of Mcf., whichever unit of quantity is applicable.

3. Each kind of coal or oil should be shown separately.
 4. If the respondent obtained any of its fuel from its own coal mines or oil or gas lands or leases or from affiliated companies, a statement should be submitted showing the quantity

of such fuel so obtained, the quantity used and quantity on hand, and cost of the fuel classified as to the nature of the costs and expenses incurred with appropriate adjustment for the inventories at beginning and end of year.

Line No.	Item (a)	Total Cost (b)	KINDS OF FUEL AND OIL						
			No. 6 Fuel Oil		Coal		No. 2 Fuel Oil		
			Quantity (c) Bbls	Cost (d)	Quantity (e) Tons	Cost (f)	Quantity (g) Bbls	Cost (h)	
1	On hand beginning of year	\$	490,185	\$ 6,379,112	1,106,571	\$ 38,640,843	76,503	\$ 1,212,904	
2	Received during year		4,692,209	91,658,658	3,658,826	147,679,415	175,047	5,083,528	
3	TOTAL		5,182,394	98,037,770	4,765,397	186,320,258	251,550	6,296,432	
4	Used during year (specify departments)								
5	Electric Operating Exp.		4,585,403	84,472,595	3,691,127	145,499,913	99,514	2,346,732	
6	Inventory Adjustments		(191)		(27,508)	(794,195)			
7									
8	Ignition on Coal Units						78,145	1,812,123	
9									
10									
11	Sold or transferred		(586)	(10,027)	1	61	4,046	98,415	
12	TOTAL DISPOSED OF		4,584,626	84,462,568	3,663,620	144,705,779	181,705	4,257,270	
13	BALANCE END OF YEAR		597,768	13,575,202	1,101,777	41,614,479	69,845	2,039,162	
Line No.	Item (i)		KINDS OF FUEL AND OIL - Continued						
			Quantity (j)	Cost (k)	Quantity (l)	Cost (m)	Quantity (n)	Cost (o)	
14	On hand beginning of year			\$		\$		\$	
15	Received during year								
16	TOTAL								
17	Used during year (specify departments)								
18									
19									
20	* Includes 877,395.00 tons of low sulfur coal from subsidiary mining company at a cost of \$41,613,412. (including transportation). Due to numerous suppliers of low sulfur coal, information on quantities consumed and inventory dollars is not available.								
21									
22									
23									
24	Sold or transferred								
25	TOTAL DISPOSED OF								
26	BALANCE END OF YEAR								

UNAMORTIZED DEBT EXPENSE, PREMIUM AND DISCOUNT ON LONG-TERM DEBT (Accounts 181, 225, 226)

- | | | |
|--|---|---|
| <p>1. Report under separate subheading for Unamortize Debt Expense, Unamortized Premium on Long-Term Debt and Unamortized Discount on Long-Term Debt, particulars of expense, premium or discount applicable to each class and series of long-term debt.</p> <p>2. Show premium amounts in red or by enclosure in parentheses.</p> <p>3. In column (b) show the principal amount of bonds or other long-term debt originally issued.</p> | <p>4. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.</p> <p>5. Furnish particulars regarding the treatment of unamortized debt expense, premium or discount associated with issues redeemed during the year, also, date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.</p> | <p>6. Set out separately and identify undisposed amounts applicable to issues which were redeemed in prior years.</p> <p>7. Explain any debits and credits other than amortization debited to account 428, Amortization of Debt Discount and Expense, or credited to Account 429, Amortization of Premium on Debt - Credit.</p> |
|--|---|---|

Line No.	Designation of long-term debt (a)	Principal amount of debt issued (b)	Total expense, premium or discount (c)	AMORTIZATION PERIOD		Balance beginning of year (f)	Debits during year (g)	Credits during year (h)	Balance end of year (i)
				From— (d)	To— (e)				
	ACCOUNT 181	\$	\$			\$	\$	\$	\$
1	First Mortgage Bonds:								
2									
3	2.80% Series Due 1980	5 000 000	22 043	8-1-50	8-1-50	872		551	321
4	3.70% Series Due 1983	8 000 000	56 312	10-1-53	10-1-83	6 761		1 399	5 362
5	4 1/8% Series Due 1986	10 000 000	45 351	8-1-56	8-1-86	11 226		1 480	9 746
6	4 1/4% Series Due 1988	25 000 000	89 765	7-1-58	7-1-88	28 427		2 993	25 434
7	7 1/2% Series Due 1993	48 000 000	144 830	5-1-63	5-1-93	69 222		4 829	64 393
8	5 1/2% Series Due 1996	25 000 000	73 250	4-1-66	4-1-96	42 120		2 442	39 678
9	7 1/4% Series Due 1998	30 000 000	86 219	12-1-68	12-1-98	57 241		2 874	54 367
10	7 1/4% Series Due 2001	35 000 000	105 031	1-1-71	1-1-01	77 023		3 501	73 522
11	7 3/8% Series Due 2002	40 000 000	117 244	2-1-72	2-1-02	89 887		3 908	85 979
12	8 1/2% Series Due 2004	50 000 000	141 418	1-15-74	1-15-04	118 046		4 714	113 332
13	Installment Contracts:								
14	5 3/4% Due 2007	27 000 000	467 202	3-1-72	3-1-07	373 466		13 392	360 074
15	6 1/2 - 8 1/4 Due 1979-2004	44 000 000	1 134 454	12-1-74	12-1-04	780 205		83 221	696 984
16						\$1 654 496		\$ 125 304	\$1 529 192
17	ACCOUNT 225								
18									
19									
20	4 1/8% Series Due 1986	10 000 000	(14 000)	8-1-56	8-1-86	\$ (3 539)	\$ 467		\$ (3 072)
21	4 1/4% Series Due 1988	25 000 000	(345 750)	7-1-58	6-1-88	(109 489)	11 525		(97 964)
22	4 1/2% Series Due 1993	48 000 000	(590 400)	5-1-63	5-1-93	(282 080)	19 680		(262 400)
23	5 1/2% Series Due 1996	25 000 000	(213 250)	4-1-66	4-1-96	(122 619)	7 108		(115 511)
24	7 1/4% Series Due 1998	30 000 000	(270 900)	12-1-68	12-1-98	(179 847)	9 030		(170 817)
25	7 1/4% Series Due 2001	35 000 000	(83 300)	1-1-71	1-1-01	(61 087)	2 777		(58 310)
26	7 3/8% Series Due 2002	40 000 000	(63 600)	2-2-72	2-2-02	(48 760)	2 120		(46 640)
27	8 1/2% Series Due 2004	50 000 000	(182 500)	1-15-74	1-15-04	(152 337)	6 083		(146 254)
28						\$ (959 758)	\$ 58 790		\$ (900 968)

PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

1. Report below particulars concerning the cost of plans, surveys, and investigations made for the purpose of determining the feasibility of projects under contemplation.
2. Minor items may be grouped by classes. Show the number of items in each group.

Line No.	Description and purpose of project (a)	Balance Beginning of Year (b)	Debits (c)	CREDITS		Balance end of Year (f)
				Account Charged (d)	Amount (e)	
1	Power Plant Energy Conservation Study	\$ 229	\$ 27 925			\$ 28 154
2	Downtown Office Complex Study		87 670	143	87 670	
3	W. C. MacInnes Site Study & Layout	784 967	251 220			1 036 187
4	Big Bend Station - Wet Coal		28 315			28 315
5	Big Bend #3 C-Mill Classifier Study		27 115			27 115
6	Big Bend Plant Site Utilization		782			782
7	Gannon #4 Rapid Start Control/Rotor Stress Control System	2 463	75 498			77 961
8	Ambient Air Testing Study	4 195	25 891	506	27 295	2 791
9	Big Bend 2 & 3 Fire Protection System Study	542		553	542	
10	Design of Production Warehouse	13 000	50 000			63 000
11	Chemical Treatment of Low Sulfur-High Alkali Coal	142		502	142	
12	Power Plant Site X	315 033	4 126			319 159
13	Gannon Station Chilled Water System Study	15		107	15	
14	Big Bend Air Preheater Fire Prevention, Detection & Extinguish	2 298	1 409			3 707
15	Gannon Air Preheater Fire Prevention, Detection & Extinguish	2 794	16 400			19 194
16	Hookers Point Air Preheater Fire Prevention, Detection & Extinguish	627	110			737
17	Maxium Thermal Capacity of Overhead Transmission Lines	1 488	32 965	563	34 307	146
18	Big Bend Coal Vessels Unloading Study	2 423	1 322	107	3 745	
19	Big Bend #3 Extraction Heater Floor Drains	892	127	107	1 019	
20	Big Bend Fire Protection Lube Oil Storage Room	654	1 020	107	1 674	
21	Nuclear Vs. Coal		20 236	506	19 045	1 191
22	Turbine Water Induction Study	1 939	6 584			8 523
23	Turbine Supervisory Instrumentation	17	1 663			1 680
24	Transient Network Analyzer Study		9 219	143	2 073	7 146
25	Gannon #1 Main Steam Valve Nozzle Strength		999	107	999	
26	Gannon #2 " " "		1 257	107	1 257	
27	Gannon #3 " " "		1 580	107	1 580	
28	Gannon #4 " " "		1 428	107	1 428	
29						
30	TOTAL					

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PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

1. Report below particulars concerning the cost of plans, surveys, and investigations made for the purpose of determining the feasibility of projects under contemplation.
 2. Minor items may be grouped by classes. Show the number of items in each group.

Line No.	Description and purpose of project (a)	Balance Beginning of Year (b)	Debits (c)	CREDITS		Balance end of Year (f)
				Account Charged (d)	Amount (e)	
1	Gannon #5 Main Steam Valve Nozzle Strength	\$	8 555	107	8 555	\$
2	Condenser Tube Slime Cntl Sty		9 854	513	9 854	
3	Big Bend #1 Capacity Improvement Study		7 063			7 063
4	Gannon 1-4 Boiler Combustion Vibration Problem		5 161			5 161
5	Fuel Use Act		137 275	506	118 366	18 909
6	Big Bend Slag Pond Affluent Treatment Study		5 797			5 797
7	Gannon #3 Condenser Biofoul Study		863			863
8	Gannon #6 Condenser Biofoul Study		775			775
9	Big Bend #3 Circulating Water System		22 102	107	21 910	192
10	Free Iron Formation Wet Bottom Boiler		7 176			7 176
11	CO ₂ Vs Halon - Control Room Fire Protection		544			544
12	Distribution Voltage Reduction Program		6 016	{582	724	
13				{583	4 447	845
14	Voltage Reduction Study		28 755			28 755
15	Transmission Tower Base Investigation		2 398			2 398
16	Transmission Line Vibration Investigation		1 315			1 315
17	Big Bend Coal Sampling System		1 811			1 811
18	Big Bend #1-3 Hurricane Flood Protection		1 087			1 087
19	Big Bend #2 Ash Silo Addition		839			839
20	Big Bend #3 Desuperheater Spray System		114 626			114 626
21	Gannon & Big Bend Flyash Handling & Disposal System	2 531	17 422			19 953
22						
23						
24						
25						
26						
27						
28						
29						
30	TOTAL	1 136 249	1 054 295		346 647	1 843 897

Annual report of TAMPA ELECTRIC COMPANY Year ended December 31, 1979

MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars called for concerning miscellaneous deferred debits.
2. For any deferred debit being amortized show period of amortization.
3. Minor items may be grouped by classes, showing number of such items.

Line No.	Description of miscellaneous deferred debit (a)	Balance beginning of year (b)	Debits (c)	CREDITS		Balance end of year (f)
				Account charged (d)	Amount (e)	
1	Gannon #6 Generator	\$	\$ 321 808	513	\$ 321 808	\$
2	Winding Repairs					
3						
4	Big Bend #1 Low Pressure		78 067	513	78 067	
5	Turbine Repairs					
6						
7	Main Office Computer		545 835	143	110 000	
8	Lease Amortization			163	56 659	
9				567	21 792	
10				589	17 433	
11				903	239 709	
12				931	65 375	
13				932	34 867	
14						
* 15	Software-Materials	235 020	24 750	921	59 567	200 203
16	Management System					
17						
18	Poly Chlorinated Biphenyls		46 344	512	5 000	
19	Management Program			588	29 430	11 914
20						
** 21	Materials Forecasting Sys	16 950		921	16 950	
22						
23	Big Bend #3 Surplus Equip		49 500			49 500
24						
25	Surplus Production Valves	56		512	56	
26						
27	Big Bend Gas Turbine	1 083	35	553	1 118	
28	#3 Fire Damage					
29						
30	Undistr. Payroll	177 232	1 411 032	Various	1 447 934	140 330
31						
32	Big Bend Stacker Reclaimer	1 110	236	512	1 346	
33	Damage					
34						
35	Big Bend #1 Generator		343 533	513	343 533	
36	Damage Repair					
37						
38	Seeding Trees for Big Bend		496			496
39						
40	Big Bend #1 Main Power		335	570	335	
41	Transformer Damage					
42						
43	Office Automation Study		28 778			28 778
44						
45	Unamortized Coal		948 441	501	948 441	
46	Inventory Adjustment					
47	Misc. Work in Progress					
48	Deferred regulatory commission expenses (See page 353)					
49	TOTAL					

MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars called for concerning miscellaneous deferred debits.
2. For any deferred debit being amortized show period of amortization.
3. Minor items may be grouped by classes, showing number of such items.

Line No.	Description of miscellaneous deferred debit (a)	Balance beginning of year (b)	Debits (c)	CREDITS		Balance end of year (f)
				Account charged (d)	Amount (e)	
1	TECO Plaza Marketing	\$	\$ 5 837		\$	\$ 5 837
2						
3	Existing Building Marketing		5 500			5 500
4						
5	Big Bend #1 Drum		51	512	51	
6	Internals Revision					
7						
8	Big Bend #2 Drum		308	512	308	
9	Internals Revision					
10						
11	Pre-Occupancy Costs		35 389			35 389
12	TECO Plaza					
13						
14	Teleprompter Cable TV Suit	4 197	10 868			15 065
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25	* Amortized over 5 year period.					
26	** Amortized over 2 year period.					
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47	Misc. Work in Progress	266 547				175 850
48	Deferred regulatory commission expenses (See page 353)					
49	TOTAL ..	702 195				668 862

DEFERRED LOSSES FROM DISPOSITION OF UTILITY PLANT (Account 187)

1. In column (a) give a brief description of property creating the deferred loss and the date the loss was recognized. Identify items by department where applicable.

2. Losses on property with an original cost of less than \$50,000 may be grouped. The number of items making up the grouped amount shall be reported in column (a).

3. In column (b) give the date of Commission approval of journal entries. Where approval has not been received, give explanation following the respective item in column (a). (See account 187, Deferred Losses From Sale of Utility Plant.)

Line No.	Description of Property (a)	Date J.E. Approved (b)	Total Amount of Loss (c)	Balance Beginning of Year (d)	Current Year		Balance End of Year (g)
					Amortizations to Acc. 411.7 (e)	Additional Losses (f)	
1	Big Bend Cooling Canal Equipment (The Company was required to construct a closed loop spray cooling system to obtain a construction permit for Big Bend #3. Prior to completion, the closed loop cooling system was replaced by the less costly Thermal Dilution System. Loss was recognized in November 1976.)	11/29/76	3 323 021	900 253	871 596	(28 657)	-0-
2							
3							
4							
5							
6							
7							
8							
9							
11	<u>Detail of Additional Losses</u>						
13	Adjustment of Loss Amount					(17 381)	
14	Sale of 30 mil PVC sheets					(20 798)	
15	Packing, Crating, etc.					9 522	
31	TOTAL		\$ 3 323 021	\$ 900 253	\$ 871 596	\$ (28 657)	\$ -0-

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Year ending 1979

ACCUMULATED DEFERRED INCOME TAXES (Account 190)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes.

(a) Identify, by amount and classification, significant items for which deferred taxes are being provided.

2. In the space provided:

LINE #	ACCOUNT SUBDIVISIONS (a)	BALANCE BEGINNING OF YEAR (b)	CHANGES DURING YEAR	
			AMOUNTS DEBITED ACCOUNT 410.1 (c)	AMOUNTS CREDITED ACCOUNT 411.1 (d)
1	Electric INSURANCE RESERVE	\$ 275,060	\$	\$ 74,771
2	-----			
3	-----			
4	-----			
5	-----			
6	-----			
7	Other -----			
8	Total Electric	\$ 275,060	\$	\$ 74,771
9	Gas -----	\$	\$	\$
10	-----			
11	-----			
12	-----			
13	-----			
14	-----			
15	Other -----			
16	Total Gas	\$	\$	\$
17	Other (Specify) -----	\$	\$	\$
18	Total (Account 190)	\$ 275,060	\$	\$ 74,771
19	Classification of Totals:			
20	Federal Income Tax	\$ 247,880	\$	\$ 67,094
21	State Income Tax	\$ 27,180	\$	\$ 7,677
22	Local Income Tax	\$	\$	\$

ACCUMULATED DEFERRED INCOME TAXES (Account 190) Continued

(b) Indicate insignificant amounts relating to other income and deductions under OTHER.

3. OTHER (Specify) - include deferrals

4. Use separate pages as required.

CHANGES DURING YEAR		ADJUSTMENTS				BALANCE END OF YEAR (k)	LINE #
AMOUNTS DEBITED ACCOUNT 410.2 (e)	AMOUNTS CREDITED ACCOUNT 411.2 (f)	DEBITS		CREDITS			
		ACCT. NO. (g)	AMOUNT (h)	ACCT. NO. (i)	AMOUNT (j)		
\$	\$		\$		\$	\$ 349,831	1
							2
							3
							4
							5
							6
							7
\$	\$		\$		\$	\$ 349,831	8
\$	\$		\$		\$	\$	9
							10
							11
							12
							13
							14
							15
\$	\$		\$		\$	\$	16
\$	\$		\$		\$	\$	17
\$	\$		\$		\$	\$ 349,831	18
\$	\$		\$		\$	\$	19
\$	\$		\$		\$	\$ 314,974	20
\$	\$		\$		\$	\$ 34,857	21
\$	\$		\$		\$	\$	22

CAPITAL STOCK (Accounts 201 and 204)

1. Report below the particulars called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show totals separately for common and preferred stock.

2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended

to end of year.

3. Give particulars concerning shares of any class and series of stock authorized to be issued by a regulatory commission which have not yet been issued.

4. The designation of each class of preferred stock should show the dividend rate and whether the dividends are cumu-

lative or noncumulative.

5. State if any capital stock which has been nominally issued is nominally outstanding at end of year.

6. Give particulars of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purpose of pledge.

Line No.	Class and Series of Stock (a)	Number of shares authorized by charter (b)	Par, or stated value per share (c)	Call Price at end of Year (d)	OUTSTANDING PER* BALANCE SHEET		HELD BY RESPONDENT			
					Shares (e)	Amount (f)	AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS	
							Shares (g)	Cost (h)	Shares (i)	Amount (j)
1	ACCOUNT 201		\$	\$		\$		\$		
2	Common Stock	2,500,000	No Par		15,290,902	118,305,119				
3	Common Stock (reserved for script)				600	1,050				
4					<u>15,291,502</u>	<u>118,306,169</u>				
5										
6	ACCOUNT 204									
7	Preferred Stock	1,500,000	100							
8	4.32% Cumulative Series A			103.75	50,000	5,000,000				
9	4.16% Cumulative Series B			102.875	50,000	5,000,000				
10	4.58% Cumulative Series D			102.25	100,000	10,000,000				
11	8.00% Cumulative Series E			106.00	150,000	15,000,000				
12	7.44% Cumulative Series F			105.00	200,000	20,000,000				
13					<u>550,000</u>	<u>55,000,000</u>				
14										
15	Preferred Stock	2,500,000	No Par		None Outstanding					
16										
17	Preference Stock	2,500,000	No Par		None Outstanding					
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										

*Total amount outstanding without reduction for amounts held by respondent.

**CAPITAL STOCK SUBSCRIBED, CAPITAL STOCK LIABILITY FOR CONVERSION, PREMIUM ON
CAPITAL STOCK, AND INSTALLMENTS RECEIVED ON CAPITAL STOCK
(Accounts 202 and 205, 203 and 206, 207, 212)**

1. Show for each of the above accounts the amounts applying to each class and series of capital stock.

2. For Common Stock Subscribed, Account 202, and Preferred Stock Subscribed, Account 205, show the subscription price and the balance due on each class at end of year.

3. Describe the agreement and transactions under which a

conversion liability existed under Account 203, Common Stock Liability for Conversion, or Account 206, Preferred Stock Liability for Conversion, at end of year.

4. For Premium on Capital Stock, Account 207, designate any amounts representing the excess of consideration received over stated values of stocks without par value.

Line No.	Name of account and description of item (a)	Number of shares (b)	Amount (c)
1			\$
2	<u>ACCOUNT 202</u>		
3	Common Stock subscribed @ \$15.51 Per Share	10,725	166,345
4			
5	<u>ACCOUNT 203</u>		None
6			
7	<u>ACCOUNT 205</u>		None
8			
9	<u>ACCOUNT 206</u>		None
10			
11	<u>ACCOUNT 207</u>		
12	Premium on Sale of Series A Preferred Stock		12,995
13	Premium on Sale of Series B Preferred Stock		6,250
14			
15	<u>ACCOUNT 212</u>		None
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45		TOTAL—	185,590
46			

DISCOUNT ON CAPITAL STOCK (Account 213)

1. Report the balance at end of year of discount on capital stock for each class and series of capital stock. respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off during the year and specify the amount charged.
2. If any change occurred during the year in the balance with

Line No.	Class and series of stock (a)	Balance End of Year (b)
1		\$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	TOTAL --	

CAPITAL STOCK EXPENSE (Account 214)

1. Report the balance at end of year of capital stock expenses for each class and series of capital stock. respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off of capital stock expense and specify the account charged.
2. If any change occurred during the year in the balance with

Line No.	Class and Series of Stock (a)	Balance End of Year (b)
31	Common Stock - No Par	\$ 700 921
32	Preferred Stock 4.58% Series D	75 499
33	Preferred Stock 8.00% Series E	285 702
34	Preferred Stock 7.44% Series F	276 516
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52	TOTAL --	\$1 338 638

LONG-TERM DEBT (Accounts 221, 222, 223, and 224)

1. Report by balance sheet accounts particulars concerning long-term debt included in Accounts 221, Bonds; 222, Reacquired Bonds; 223, Advances from Associated Companies; and 224, Other Long-Term Debt.

2. For bonds assumed by the respondent, column (a) should include name of the issuing company as well as the description of the bonds.

3. Advances from Associated Companies should be reported separately for advances on notes, and advances on open accounts. Demand notes shall be designated as such. Names of associated companies from which advances were received shall be shown in col. (a).

4. For receivers' certificates show the name of the court and date of court order under which such certificates were issued.

5. In an insert schedule give explanatory particulars for accounts 223, and 224 of net changes during the year. With respect to long-term advances show for each company (a) principal advanced during year, (b) interest added to principal amount, and (c) principal repaid during year. Give Commission authorization numbers and dates.

6. If the respondent has pledged any of its long-term debt securities, give particulars in a footnote, including name of the pledgee and purpose of the pledge.

7. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.

8. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (f). Explain any difference between the total of column (f) and the total of Account 427, Interest on Long-Term Debt, and Account 430, Interest on Debt to Associated Companies.

9. Give particulars concerning any long-term debt authorized by a regulatory commission but not yet issued.

Line No.	Class and Series of Obligation (a)	Nominal Date of Issue (b)	Date of Maturity (c)	Outstanding* (d)	INTEREST FOR YEAR		HELD BY RESPONDENT		Redemption Price per \$:00 End of Year (i)
					Rate (e)	Amount (f)	Reacquired Bonds (Acct. 222) (g)	Sinking and Other Funds (h)	
	<u>ACCOUNT 221</u>			\$	%	\$	\$	\$	\$
1	First Mortgage Bonds:								
2									
3	2.80% Series Due 1980	8/1/50	8/1/80	3 600 000	2.80	101 615			100.00
4	3.70% Series Due 1983	10/1/53	10/1/83	5 920 000	3.70	217 318		81 000	100.50
5	4 1/8% Series Due 1986	8/1/56	8/1/86	9 700 000	4 1/8	400 125			101.05
6	4 1/4% Series Due 1988	7/1/58	7/1/88	25 000 000	4 1/4	1 062 500			101.90
7	4 1/2% Series Due 1993	5/1/63	5/1/93	48 000 000	4 1/2	2 160 000			102.90
8	5 1/2% Series Due 1996	4/1/66	4/1/96	25 000 000	5 1/2	1 375 000			104.00
9	7 1/4% Series Due 1998	12/1/68	12/1/98	30 000 000	7 1/4	2 175 000			105.65
10	7 1/4% Series Due 2001	1/1/71	1/1/01	35 000 000	7 1/4	2 537 500			106.14
11	7 3/8% Series Due 2002	1/1/72	1/1/02	40 000 000	7 3/8	2 950 000			106.29
12	8 1/2% Series Due 2004	1/15/74	1/15/04	50 000 000	8 1/2	4 250 000			107.94
13									
14	Installment Contracts:								
15	5 3/4% Due 2007	3/1/72	3/1/07	27 000 000	5 3/4	1 552 187			*
16	7 1/4 - 8 1/4% Due 1984-2004	12/1/74	12/1/04	36 000 000	Var	2 859 015			#
17									
18									
19									
20	*Non-Callable Prior to 3/1/82								
21	#Non-Callable Prior to 12/1/84								
22									
23									
24	TOTAL ..			335 220 000		21 640 261		81 000	

* Total amount outstanding without reduction for amounts held by respondent.

**SECURITIES ISSUED OR ASSUMED AND
SECURITIES REFUNDED OR RETIRED DURING THE YEAR**

1. Furnish an insert schedule giving a brief description of security financing and refinancing transactions during the year and the accounting for the securities, discounts, premiums, expenses, and gains or losses relating thereto, identified as to Commission authorization numbers and dates.

2. The particulars furnished should be sufficient to show fully the accounting for the total principal amount, par value, or stated value of each class and series of security issued, assumed, retired, or refunded and the accounting for premiums, discounts, expenses, and gains or losses relating to the securities. The facts of the accounting should be clearly set forth with regard to redemption premiums, unamortized discounts, expenses, and gains or losses relating to securities retired or refunded, including the accounting for such amounts carried in the respondent's accounts at the date of the refunding or refinancing transactions with respect to securities previously refunded or retired.

3. The identification of each class and series of security should include, as appropriate, the interest or dividend rate, nominal

date of issuance, maturity date, aggregate principal amount, par value or stated value, and number of shares. Also to be given are the issuance or redemption price and name of the principal underwriting firm through which the security transactions were consummated.

4. Where the accounting for amounts relating to securities refunded or retired is other than that specified in general Instruction 17 of the Uniform System of Accounts, references should be given to the Commission authorization for the different accounting and the accounting should be stated.

5. For securities assumed the name of the company for which the liability on the securities was assumed should be given as well as particulars of the transactions whereby the respondent undertook to pay obligations of another company. If any unamortized discount, premiums, expenses, and gains or losses were taken over onto the respondent's books, details of these amounts should be furnished with amounts relating to refunded securities clearly earmarked.

Retired During 1978

Installment Contract Payable 6½% due 1979	\$8,000,000
First Mortgage Bonds - 2.80% due 1980 called for sinking fund @100	50,000
First Mortgage Bonds - 3.70% due 1983 \$141,000 purchased @\$81.50 in anticipation of Sinking Fund Requirements. Balance of \$81,000 is held in Sinking Fund Account 125 for future requirements. Realization of \$26,085 was credited to Account 421.	80,000
Total Retired During 1979—Account 221	<u>\$8,130,000</u>

Issued During 1979

9,312 shares were issued on January 5, 1979, at a price of \$16.15 per share, and 10,762 shares were issued on July 5, 1979, at a price of \$14.48 per share, under the Company's Employee Stock Purchase Plan. The total of \$311,604 was credited to Account 201.

19,685 and 66 shares, were issued at a price of \$18.03 per share on July 2, 1979 and October 26, 1979 respectively, under the employees Stock Ownership Plan. \$356,111 was credited to Account 201.

NOTES PAYABLE (Account 231)

1. Report the particulars indicated concerning notes payable at end of year.
2. Give particulars of collateral pledged, if any.
3. Furnish particulars for any formal or informal compensating balance agreements covering open lines of credit.
4. Any demand notes should be designated as such in column (d).
5. Minor amounts may be grouped by classes, showing the number of such amounts.

Line No.	Payee (a)	Purpose for which issued (b)	Date of Note (c)	Date of Maturity (d)	Int. rate (e)	Balance end of year (f)	
1	Various-Comm'l Paper	Working Capital and New Construction	Various	Various	%	\$ 20,750,000	
2	First National Bank-FL		12/31/79	Demand	113/4	38,000	
3	First National Bank-Ft. Myers		12/26/79	"	111/4	1,775,000	
4	Bank of Clearwater		12/28/79	"	113/4	2,841,000	
5	Barnett Banks & Trust Co.		12/27/79	"	113/4	5,443,000	
6	Landmark Bank- St. Pete.		12/26/79	"	113/4	5,424,000	
7							
8							
9	*11.525-13.875%						
10							
11	In connection with its short-term borrowing program, the Company						
12	maintains compensating balances to assure continuing lines of credit.						
13	Although the amounts fluctuate the compensating balances at December						
14	31, 1979, were approximately \$2,588,000. Unused lines of credit at						
15	December 31, 1979 were \$76,705,000.						
16							
17							
18							
19							
20	TOTAL					\$	36,271,000

PAYABLES TO ASSOCIATED COMPANIES (Accounts 233, 234)

1. Report particulars of notes and accounts payable to associated companies at end of year.
2. Provide separate totals for Accounts 233, Notes Payable to Associated Companies, and 234 Accounts Payable to Associated Companies, in addition to a total for the combined accounts.
3. List each note separately and state the purpose for which issued. Show also in column (a) date of note, maturity and interest rate.
4. Include in column (f) the amount of any interest expense during the year on notes or accounts that were paid before the end of the year.
5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.

Line No.	Particulars (a)	Balance Beginning of Year (b)	Totals for Year		Balance End of Year (e)	Interest for Year (f)
			Debits (c)	Credits (d)		
	Account 234	\$			\$	
31	Gulfcoast Transit	995,566	5,528,515	6,289,004	1,756,055	
32	Midsouth Towing	883,597	10,243,216	11,147,602	1,787,983	
33	Electro Coal					
34	Transfer Corp.	1,021,447	6,976,439	7,180,300	1,225,308	
35	Tampa Bay Indust.	82,068	8,107	61,242	135,203	
36	Southern Marine					
37	Management Corp.	9,428	79	6,654	16,003	
38	G. C. Service Co.	-0-	119	119	-0-	
39						
40						
41						
42						
43						
44						
45	Total	2,992,106	22,756,475	24,684,921	4,920,552	

TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR.

1. This schedule is intended to give particulars of the combined prepaid and accrued tax accounts and to show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

2. Taxes, paid during the year and charged direct to final accounts, that is, not charged to prepaid or accrued taxes, should be included in the schedule. Enter the amounts both in columns (d) and (e). The balancing of the schedule is not affected by the inclusion of these taxes.

3. Taxes charged during the year, column (d), include taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to

prepaid taxes for proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.

4. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

Continued page 222A.

Line No.	Kind of Tax (See instruction 5) (a)	BALANCE BEGINNING OF YEAR		Taxes Charged During Year (d)	Paid During Year (e)	Adjustments (f)	BALANCE END OF YEAR	
		Taxes Accrued (b)	Prepaid Taxes (c)				Taxes accrued (Account 236) (g)	Prepd. taxes (Incl. in Acct. 165) (h)
	<u>FEDERAL</u>	\$	\$	\$	\$	\$	\$	\$
1	Income - 1979			9 308 319	6 250 000		3 058 319	
2	Income - Prior to 1979	10 364 565			9 939 346	*(1 423 276)	(998 057)	
3	Unemployment - 1979			104 430	102 760		1 670	
4	Unemployment - 1978	3 311			3 311			
5	FICA - 1979			2 777 635	2 713 611		64 024	
6	FICA - 1978	23 842			23 842			
7	Vehicle Use			54 301	54 301			
8								
9	<u>STATE</u>							
10	Income - 1979			1 581 724	1 790 161		(208 437)	
11	Income - Prior to 1979	265 318			800 000	** 13 726	(520 956)	
12	Gross Receipts - 1979			6 612 836	3 085 177		3 527 659	
13	Gross Receipts - 1978	3 022 858			3 022 858			
14	Unemployment - 1979			89 511	88 080		1 431	
15	Unemployment - 1978	6 149			6 149			
16	Public Service Commission	252 647		559 251	514 898		297 000	
17	Intangible			37 948	37 948			
18	Occupational License			1 013	1 013			
19	Other			35	35			
20								
21	<u>LOCAL</u>							
22	Real & Personal Property			9 720 568	(7 666)		9 728 234	
23	Franchise - 1979			7 298 419	5 496 197		1 802 222	
24	Franchise - 1978	1 585 560			1 585 560			
25	Occupational Licenses			2 601	2 601			
26								
27								
28	TOTAL	\$ 15 524 250	\$	\$ 38 148 591	\$ 35 510 182	\$ (1409 550)	\$ 16 753 109	\$

* Reflects amended federal income tax returns and revised tax allocations.

** Reflects amended state income tax returns and revised tax allocations.

TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR. (Continued)

5. If any tax covers more than one year, the required information of all columns should be shown separately for each tax year. When the amounts accrued pertain to other than the current year, show by footnote for each year whether the tax return has been audited by the Internal Revenue Service and furnish particulars for any adjustments, in total (debit or credit), that have been made to Account 236, Taxes Accrued, due to any such audits.

6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment. Designate debit adjustments by parentheses.

7. Do not include in this schedule entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

8. The accounts to which taxes charged were distributed should be shown in columns (h) to (e). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

9. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.

DISTRIBUTION OF TAXES CHARGED (omit cents) (Show utility department where applicable and account charged)

Line No.	Electric a/c 408.1, 409.1 (i)	Gas a/c 408.1, 409.1 (j)	Other Utility Departments a/c 408.1, 409.1 (k)	Other Income & Deductions a/c 408.2, 409.2 (l)	Extraordinary Items a/c 409.3 (m)	Other Utility Opn. Income a/c 408.1, 409.1 (n)	Adjustment to Ret. Earnings a/c 439 (o)	(p)
	1	9 180 819			127 500			
2								
3	84 727							19 703
4								
5	2 253 573							524 062
6								
7	54 301							
8						A/C 107	527 651	
9						A/C 108	33 002	
10	1 567 224			14 500			** 560 653	
11								
12	6 612 836							
13								
14	72 623							16 888
15								
16	559 251							
17	37 948							
18	1 013							
19	35							
20								
21								
22	9 716 692			3 876				
23	7 298 419							
24								
25	2 601							
26								
27								
28	\$ 37 442 062	\$	\$	\$ 145 876	\$	\$	\$	\$ ** 560 653

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**RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME
FOR FEDERAL INCOME TAXES**

1. Report hereunder a reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. The reconciliation should include as far as practicable the same detail as furnished on Schedule M-1 of the tax return for the year. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount.

2. If the utility is a member of a group which files consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

Line No.	Particulars (a)	Amount (b)
1		
2		
3		
4	NET INCOME FOR THE YEAR PER STATEMENT C, PAGE 116A	\$35893864
5	ADD: STATE AND FEDERAL INCOME TAXES RECORDED ON BOOKS	25784880
6		-----
7	INCOME BEFORE TAXES	\$61678744
8	PERMANENT DIFFERENCES	
9	LESS: NET INCOME OF SUBSIDIARY COMPANIES	\$6241525
10	TAX EXEMPT INTEREST	0
11	DISCOUNT ON REACQUIRED BONDS	26085
12	EQUITY PORTION OF AFDC	1002123
13	ADD: DEPR ON PRE '54 ASSETS PERMANENT DIFF	1190000
14	DEPR ON PRE '75 NON-BASE ITEMS	1276000
15	DIFFERENCE IN TAX RATES	118718
16	DEPR ON POST '74 AFDC EQUITY PORTION	153976
17		-----
18	X INCOME BEFORE TAXES (ADJUSTED)	57147705
19	TIMING DIFFERENCES:	
20	ADD: BOOK DEPR NET OF CAPITALIZED DEPR	
21	LAND EXCL TRANSPORTATION BOOK DEPR	29563799
22	COOLING CANAL BOOK AMORTIZATION	871596
23	INCREASE IN INSURANCE RESERVES	153534
24	INCREASE IN BOOK RESERVES-BAD DEBTS	0
25	LESS: TAX DEPR NET OF CAPT DEPR AND EXCL	
26	EXPENSED BOOK TRANSPORTATION DEPR.	47769000
27	COST OF REMOVAL NET OF N-B ITEMS	935023
28	REPAIR RESERVE ALLOWANCE	3451000
29	NON-BASE ITEMS	3231892
30	DEBT PORTION OF AFDC	615770
31	INCREASE IN TAX RESERVE-BAD DEBT	94465
32		-----
33	ADJUSTED TAXABLE INCOME	\$31639484
34		=====
35		
36		
37	STATE TAXABLE INCOME	\$31639484
38	STATE INCOME TAXES @ 5%	1581724
39	LESS \$250 EXEMPTION	
40	FEDERAL TAXABLE INCOME	\$30057760
41		=====
42		
43	FEDERAL INCOME TAXES @ 46%	\$13807319
44	LESS \$19250 EXEMPTION	\$-4499000
45	CURRENT I.T.C.	
46		-----
47	TOTAL CURRENT INC. TAXES	\$10890043
48		=====
49		
50	TO ACCOUNT 409.20	\$14500
51	TO ACCOUNT 409.10	\$1567224
52		-----
53	TOTAL	\$10890043
54		=====
55		
56		
57		
58		
59		
60		
61		
62		
63		

**RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME
FOR FEDERAL INCOME TAXES**

1. Report hereunder a reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. The reconciliation should include as far as practicable the same detail as furnished on Schedule M-1 of the tax return for the year. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount.

2. If the utility is a member of a group which files consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

Line No.	Particulars (a)	Amount (b)
1		
2		
3	Tampa Electric Company files a consolidated Federal Income tax return. Names of Subsidiaries included in the consolidated return:	
4		
5		
6		
7	Gulfcoast Transit Company	Southern Marine Management Co.
8	Mid-South Towing Company	Tampa Bay Industrial Corp.
9	Electro-Coal Transfer Corp.	Cal-Glo Coal, Inc.
10		GC Service Company, Inc.
11		
12		
13	The allocation of the consolidated income tax for 1979 for Tampa Electric Company and its subsidiaries is done in accordance with the Internal Revenue Service Regulations 1.1552-1(a) (2) and 1.1502-33 (d) (2) (ii). These regulations provide for allocation of the consolidated tax liability on the basis of the percentage of the total tax to the tax which each member would bear if the tax were computed on a separate return basis. The tax liability allocated to each company cannot exceed the tax liability computed as if each had actually filed a separate return, except that only one surtax exemption is allowed. The surtax exemption has been allocated to Tampa Electric Company. In addition, a consolidated return adjustment in the amount of (\$113,928) relates to inter-company profit in inventory.	
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MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)

1. Report the amount and description of other current and accrued liabilities at end of year.
2. Minor items may be grouped under appropriate title.

Line No.	Item (a)	Balance end of year (b)
1	Accrued Pension Liability	\$ 2 716 651
2	Accrued Vacation Pay Liability	2 862 000
3	Franchise Collection - Escrow	4 851 231
4		
5		
6		
7		
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36		
37	TOTAL ..	\$10 429 882

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)

Line No.	List advances by departments (a)	Balance end of year (b)
41	Distribution Operations	\$ 13 364
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52	TOTAL ..	13 364

OTHER DEFERRED CREDITS (Account 253)

1. Report below the particulars called for concerning other deferred credits.
2. For any deferred credit being amortized show the period of amortization.
3. Miscellaneous items may be grouped by classes, showing the number of items in each class.

Line No.	Description of other deferred credit (a)	Balance beginning of year (b)	DEBITS		Credits (e)	Balance end of year (f)
			Contra Account (c)	Amount (d)		
1	Deferred Fuel	\$		\$	\$	\$
2	Inventory Adj.	361,957	501	361,957		-0-
3						
4						
5						
6						
7	Unclaimed Voucher Check		131		15.00	15.00
8						
9						
10						
11						
12						
13						
14						
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18						
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41						
42						
43						
44						
45						
46						
47						
48						
49						
50	TOTAL	361,957		361,957	15.00	15.00

OPERATING RESERVES (Accounts 261, 262, 263, 265)

1. Report below an analysis of the changes during the year for each of the above-named reserves.
 2. Show title of reserve, account number, description of the general nature of the entry and the contra account debited or credited. Combine the amounts of monthly accounting entries of the same general nature. If respondent has more than one utility department, contra accounts debited or credited should indicate the utility department affected.

3. For Accounts 261, Property Insurance Reserve and 262, Injuries and Damages Reserve, explain the nature of the risks covered by the reserves.
 4. For Account 265, Miscellaneous Operating Reserves, report separately each reserve comprising the account and explain briefly its purpose.

Line No.	Item (a)	Balance Beginning of Year (b)	Debits		Credits		Balance End of Year (g)
			Account (c)	Amount (d)	Account (e)	Amount (f)	
1	<u>Account #262</u>						
2							
3	Insurance & Damages						
4	General Liability	\$244,026	131	\$168,309	925	\$264,950	\$340,667
5							
6	Insurance & Damages						
7	Worker's Compensation	192,460	131	270,557	925	329,664	251,567
8							
9	Insurance & Damages						
10	Auto Liability	<u>107,110</u>	131	<u>72,577</u>	925	<u>70,363</u>	<u>104,896</u>
11							
12		<u>\$543,596</u>		<u>\$511,443</u>		<u>\$664,977</u>	<u>\$697,130</u>
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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36							
37							
38							
39							
40							
41							
42							

ACCUMULATED DEFERRED INCOME TAXES - - - - -

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amortizable property.

(b) Total and amortizable cost of such property.

(c) Date amortization for tax purposes commenced.

2. In the space provided furnish explanations, including the following in columnar orders

(d) "Normal" depreciation rate used in computing the deferred tax.

(a) State each certification number with a brief description of property.

LINE #	ACCOUNT SUBDIVISIONS (a)	BALANCE BEGINNING OF YEAR (b)	CHANGES DURING YEAR	
			AMOUNTS DEBITED ACCOUNT 410.1 (c)	AMOUNTS CREDITED ACCOUNT 411.1 (d)
1	Accelerated Amortization (Account 281)			
2	Electrics	\$	\$	\$
3	Defense Facilities			
4	Pollution Control Facilities	(6 427 192)	(1 375 000)	6000
5	Other			
6	-----			
7	-----			
8	Total Electric	\$ (6 427 192)	\$ (1 375 000)	\$ 6000
9	Gas	\$	\$	\$
10	Defense Facilities			
11	Pollution Control Facilities			
12	Other			
13	-----			
14	-----			
15	Total Gas	\$	\$	\$
16	Other (Specify)	\$	\$	\$
17	Total (Account 281)	\$ (6 427 192)	\$ (1 375 000)	\$ 6000
18	Classification of Totals:			
19	Federal Income Tax	\$ (5 795 768)	\$ (1 234 000)	\$ 6000
20	State Income Tax	\$ (631 424)	\$ (141 000)	\$
21	Local Income Tax	\$	\$	\$

See Page 227 A-1 for response to question 2.

ACCELERATED AMORTIZATION PROPERTY (Account 281)

(e) Tax rate used to originally defer amounts and the tax rate used during the current year to amortize previous deferrals.

other income and deductions.

4. Use separate pages as required.

3. OTHER (Specify) - include deferrals relating to

CHANGES DURING YEAR		ADJUSTMENTS				BALANCE END OF YEAR (k)	LINE #
AMOUNTS DEBITED ACCOUNT 410.2 (s)	AMOUNTS CREDITED ACCOUNT 411.2 (t)	DEBITS		CREDITS			
		ACCT. NO. (g)	AMOUNT (h)	ACCT. NO. (i)	AMOUNT (j)		
\$	\$		\$	*	\$ 1,260,462	\$ (6,535,730)	1
							2
							3
							4
							5
							6
							7
\$	\$		\$		\$ 1,260,462	\$ (6,535,730)	8
\$	\$		\$				9
							10
							11
							12
							13
							14
\$	\$		\$		\$	\$	15
\$	\$		\$		\$	\$	16
\$	\$		\$		\$ 1,260,462	\$ (6,535,730)	17
							18
\$	\$		\$		\$ 1,136,343	\$ (5,887,425)	19
\$	\$		\$		\$ 124,119	\$ (648,305)	20
\$	\$		\$				21

* Acct. No.	Amount
236	\$ 482,617
282	777,845
	<u>\$1,260,462</u>

ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED AMORTIZATIONACCOUNT 281

Response to Question 2 Page 227:

(a)	(b)	(c)	(d)	(e)	
<u>Description</u>	<u>Total Project Cost</u>	<u>Amortizable Cost</u>	<u>Date Amort Commence</u>	<u>Normal Depr Rate</u>	<u>Deferred Tax Rate State Federal</u>
**Gannon Fly Ash Silos	\$ 621 348	\$ 372 809	12/70	3.57%	48.0%
**Gannon 6 Precipitator	7 031 000	4 932 919	5 /74	3.57%	5.0% 45.6%
**Gannon 5 Precipitator	4 856 000	4 152 697	2/75	3.57%	5.0% 45.6%
**Big Bend 1 Precipitator(D04)	7 057 960	4 924 158	4/76	3.57%	5.0% 45.6%
**Big Bend Waste Wtr. Treat.(D75)	2 650 139	1 313 693	2/76	3.57%	5.0% 45.6%
**Gannon Waste Wtr. Treat.(D74)	4 386 232	4 218 678	6/77	3.57%	5.0% 45.6%
**Hookers Pt. Waste Wtr. Treat(D76)	1 122 501	1 122 501	6/77	3.57%	5.0% 45.6%
**Gan. Coal Pile Run-Off "(H65)	131 968	116 844	6/77	3.57%	5.0% 45.6%
* B Coal Pile " " "(H66)	257 355	130 831	6/77	3.57%	5.0% 45.6%
**Gan. 5 Precip. Hopper (H83)	62 876	58 946	11/77	3.57%	5.0% 45.6%
**Gan. 6 Precip. Hopper (H84)	124 966	104 134	1/77	3.57%	5.0% 45.6%
**B B 1 Precip. Hopper (H85)	202 492	144 638	12/77	3.57%	5.0% 45.6%
*Gan 1-6 Precip. & Boiler Wash(H61)	248 000	243 000	4/78	3.57%	5.0% 45.6%
**BB 1-3 Wtr Recycle Sys(G42)	823 363	477 909	1/79	3.57%	5.0% 45.6%
*BB 1-3 Slag Removal (G23)	102 455	55 735	1/79	3.57%	5.0% 45.6%
*Gan. Waste Wtr Recycle (G41)	376 414	369 037	1/78	3.57%	5.0% 43.7%

* EPA Certificate applied for; pending approval by Agency.

** EPA Certificate received by Company; certificate number was not assigned.

ACCUMULATED DEFERRED INCOME TAXES - - - - -

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to property not subject to accelerated amortization.

declining balance, etc.), estimated lives i.e. useful life, guideline life, guideline class life, etc., and classes of plant to which each method is being applied and date method was adopted.

2. In the space provided furnish below explanations, including the followings:

(b) Furnish a table showing for each year, 1954 to date of this report, the annual amounts of tax deferrals, and with respect to each year's tax deferral, the total debits thereto which have been accounted for

(a) State the general method or methods of liberalized depreciation being used (sum-of-year digits,

LINE #	ACCOUNT SUBDIVISIONS (a)	BALANCE BEGINNING OF YEAR (b)	CHANGES DURING YEAR	
			AMOUNTS DEBITED ACCOUNT 410.1 (c)	AMOUNTS CREDITED ACCOUNT 411.1 (d)
1	Account 282s			
2	Electric	\$(72,532,469)	\$(9,805,278)	\$1,449,998
3	Gas			
4	Other (define)			
5	Total	\$	\$	\$
6				
7	Other (Specify)	\$	\$	\$
8				
9	Total Account 282	\$(72,532,469)	\$(9,805,278)	\$1,449,998
10				
11	Classification of Totals			
12	Federal Income Tax	\$(67,426,465)	\$(8,797,872)	\$1,383,998
13	State Income Tax	\$(5,106,004)	\$(1,007,406)	\$66,000
14	Local Income Tax	\$	\$	\$

EXPLANATION TO 2-a

<u>TAX CLASS</u>	<u>LIBERALIZED DEPR METHOD</u>	<u>TAX LIFE</u>	<u>DATE ADOPTED</u>
------------------	--------------------------------	-----------------	---------------------

Guideline Class Life (1954 thru 1970)

Production	DDB SW TO SYD	28 years	1976
Transmission & Dist	" " " "	30 "	1976
Office Furniture	" " " "	10 "	1976
Structure	DDB	45 "	1954
Structure	150 % D.B.	45 "	1970

ADR Class Life (1971 & Subsequent years)

Production	DDB SW TO SYD	22.5 years	SW After
Gas Turbine	" " " "	16 "	1 1/2 Years
Transmission & Dist	" " " "	24 "	1st Vintage
Office Furniture	" " " "	8 "	Year Was
Information System	" " " "	5 "	Commenced
Data Handling Equip.	" " " "	5 "	in 1973
Automobiles	" " " "	3 "	
Light Trucks	" " " "	5 "	
Heavy Trucks	" " " "	7 "	
Structure	150 % D.B.	45 "	

- - OTHER PROPERTY (Account 282)

as credits to Accounts 411.1, Provision for Deferred Income Taxes-Cr., Utility Operating Income and 411.2 Provision for Deferred Income Taxes-Cr., Other Income and Deductions, or comparable account of previous system of accounts. Also explain the basis used to defer amounts for the latest year (straight-line tax rate to liberalized tax rate, etc.). State whether the accounting for liberal-

ized depreciation has been directed or approved by any state commission (Electric only).

3. OTHER (Specify) - include deferrals relating to other income and deductions.

4. Use separate pages as required.

CHANGES DURING YEAR		ADJUSTMENTS				BALANCE END OF YEAR (k)	LINE #
AMOUNTS DEBITED ACCOUNT 410.2 (e)	AMOUNTS CREDITED ACCOUNT 411.2 (f)	DEBITS		CREDITS			
		ACCT. NO. (g)	AMOUNT (h)	ACCT. NO. (i)	AMOUNT (j)		
\$	\$	281	(777,845)	236	\$ 12,622	\$(81,652,972)	1
							2
							3
\$	\$		\$		\$	\$	4
\$	\$		\$		\$	\$	5
\$	\$		\$		\$	\$	6
\$	\$		\$ (777,845)		\$ 12,622	\$(81,652,972)	7
\$	\$		\$ (706,681)		\$ 12,622	\$(75,547,020)	8
\$	\$		\$ (71,164)		\$ 12,622	\$(6,105,952)	9
\$	\$		\$		\$	\$	10
\$	\$		\$		\$	\$	11
\$	\$		\$		\$	\$	12
\$	\$		\$		\$	\$	13
\$	\$		\$		\$	\$	14

<u>TAX CLASS</u>	<u>LIBERALIZED DEPR METHOD</u>	<u>TAX LIFE</u>	<u>DATE ADOPTED</u>
<u>Non-Class Life</u>			

Structure	150% D.B.	45 Years	1973
"	" "	34 "	1976
"	" "	43 "	1976
Clear Right-of-way	DDB	67 "	1961
Dredging	SYD	75 "	1970
Trans. Easements	DDB	67 "	1961
Dist. Easements	S.L.	45 "	1972

2-b See Page 227-F

The basis used to calculate deferred taxes is the difference between liberalized tax depreciation and straight line tax depreciation and the difference between straight line tax depreciation and straight line book depreciation in compliance with the Florida Public Service Commission Order No. ADB 77-8.

The Company has fully normalized its book/tax timing differences since 1975 under the direction of the Florida Public Service Commission.

ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283) - - -

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amounts recorded in Account 283.

2. In the space provided below (a) include amounts relating to insignificant items under Other.

LINE #	ACCOUNT SUBDIVISIONS (a)	BALANCE BEGINNING OF YEAR (b)	CHANGES DURING YEAR	
			AMOUNTS DEBITED ACCOUNT 410.1 (c)	AMOUNTS CREDITED ACCOUNT 411.1 (d)
1	Account 283:			
2	Electric -----	\$(21 641 368)	\$ (3 554 448)	\$ 1 383 760
3	-----			
4	-----			
5	-----			
6	-----			
7	-----			
8	Other -----			
9	Total Electric -----	\$(21 641 368)	\$ (3 554 448)	\$ 1 383 760
10	Gas -----			
11	-----			
12	-----			
13	-----			
14	-----			
15	-----			
16	Other -----			
17	Total Gas -----			
18	Other (Specify) -----			
19	Total Account 283 -----	\$(21 641 368)	\$ (3 554 448)	\$ 1 383 760
20	Classification of Totals:			
21	Federal Income Tax -----	\$(19 548 191)	\$ (3 189 514)	\$ 1 241 690
22	State Income Tax -----	\$ (2 093 177)	\$ (364 934)	\$ 142 070
23	Local Income Tax -----			

- (1) Items charged to expense for tax purpose:
- Payroll Taxes
 - Insurance Pension Cost
 - Administrative and General Expenses
 - Sales and Use Tax
 - Interest Component of Allowance for Funds used During Construction
 - Cost of Removal
 - Repair Allowance Property

- (2) Items charged to expense for tax purpose and amortized for book over various periods of time:
- Big Bend Cooling Canal Loss
 - Big Bend Spray Modules & Etc. Loss
 - Big Bend Turbine Blades Loss

- ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283) Continued

3. OTHER (Specify) - Include deferrals relating to other income and deductions.

4. Use separate pages as required.

CHANGES DURING YEAR		ADJUSTMENTS				BALANCE END OF YEAR (k)	LINE #
AMOUNTS DEBITED ACCOUNT 410.2 (e)	AMOUNTS CREDITED ACCOUNT 411.2 (f)	DEBITS		CREDITS			
		ACCT. NO. (g)	AMOUNT (h)	ACCT. NO. (i)	AMOUNT (j)		
\$	\$	236	\$ (415,420)	236	\$ 149,668	\$ (24,077,808)	1
							2
							3
							4
							5
							6
							7
							8
\$	\$		\$ (415,420)		\$ 149,668	\$ (24,077,808)	9
							10
							11
							12
							13
							14
							15
							16
\$	\$		\$		\$	\$	17
\$	\$		\$		\$	\$	18
\$	\$		\$ (415,420)		\$ 149,668	\$ (24,077,808)	19
							20
\$	\$		\$ (374,371)		\$ 134,880	\$ (21,735,506)	21
\$	\$		\$ (41,049)		\$ 14,788	\$ (2,342,302)	22
\$	\$		\$		\$	\$	23

ANNUAL REPORT OF TAMPA ELECTRIC COMPANY
YEAR ENDED DECEMBER 31, 1979
ANNUAL TAX DEFERRALS
ACCOUNTS 190, 281, 2 & 3

YEAR	PROVISION FOR DEFERRED INCOME TAXES	YEAR	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	BALANCE END OF YEAR
1954	38 250			38 250
1955	189 000			227 250
1956	325 000			552 250
1957	600 750			1 153 000
1958	954 000			2 107 000
1959	1 110 000			3 217 000
1960	1 166 000			4 383 000
1961	1 425 000			5 808 000
1962	1 442 000			7 250 000
1963	2 002 000			9 252 000
1964	1 758 000			11 010 000
1965	1 513 000	1954	2 000	12 521 000
1966	1 346 000	1954-55	15 000	13 852 000
1967	1 429 000	1954-56	41 000	15 240 000
1968	1 904 000	1954-57	97 000	17 047 000
1969	2 081 000	1954-58	178 000	18 950 000
1970	2 379 000	1954-60	266 000	21 063 000
1971	2 936 000	1954-61	396 000	23 603 000
1972	4 163 000 *	1954-62	500 000	27 266 000
1973	6 315 000 *	1954-63	707 000	32 874 000
1974	9 004 000 *	1954-74	921 000	40 957 000
1975	11 319 153 *	1954-75	1 164 000	51 112 153
1976	18 036 605 *	1954-76	874 480	68 274 278
1977	20 624 990 *	1954-77	2 329 376 *	86 569 892
1978	15 943 456	1954-78	2 187,379 **	100 325 969
1979	15 765 701 *	1954-79	4 174 991 *	111 916 679

* Includes prior years' adjustments of:

1972		\$135 000	
1973		\$140 000	
1974		\$862 000	
1975		(\$330 000)	
1976		\$410 800	
1977	Add	\$761 010	Rev \$ 157 052
**1978		688 729	Reclassification to currently payable (CIAC)
1979	Add	1 030 975	Rev \$1 260 462

INVESTMENT TAX CREDITS GENERATED AND UTILIZED

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented or is required by another Commission, to pass the tax credits on to customers.

2. As indicated in Col. (a), the schedule shall show each year's activities from 1962 through the year covered by this report, and shall separately identify the data for 3 percent (3%), 4 percent (4%), 7 percent (7%), 10 percent (10%) & 11 percent (11%) credits.

3. Report in Cols. (b & e) the amount of investment tax credits generated from properties acquired for use in utility operations and report in Column (c & f) the amount of such generated

credits utilized in computing the annual income taxes. Also explain by footnote any adjustments to Cols. (b through f) such as for corrections, etc., or carryback of unused credits. Such adjustments should be carried back or forward to the applicable years.

4. Report in Col. (d) the weighted-average useful life of all properties used in computing the investment tax credits in Col. (b). Also, show in this column for the year 1971 and thereafter, the option exercised (1) rate base treatment, (2) ratable flow through, or (3) flow through, for rate purposes in accordance with section 46(f) of the Internal Revenue Code.

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years.

Line No.	Year (a)	Electric			Other Departments or Operations	
		Generated (b)	Utilized (c)	Weighted Average Life of Property (d)	Generated (e)	Utilized (f)
1	1962-74					
2	3%	6,696,818	6,696,818	28 years		
3	4%	6,636,684	6,636,684	28 "		
4	7%					
5	75-3%					
6	4%	377,122	377,122	28 "		
7	7%					
8	10%					
9	11%	3,894,311	3,894,311	28 "		
10	76-3%					
11	4%	146,989	146,989	28 "		
12	7%					
13	10%	16,302,338	13,648,934	28 "		
14	11%					
15	77-3%	4,167	4,167	28 "		
16	4%					
17	7%					
18	10%	3,731,632	6,385,036	28 "		
19	11%					
20	78-3%					
21	4%	(4,212)	(4,212)	28 "		
22	7%					
23	10%	3,917,220	3,917,220	28 "		
24	11%					
25	79-3%					
26	4%	(8,000)	(8,000)	28 "		
27	7%					
28	10%	4,507,000	4,507,000	28 "		
29	11%					
30	80-3%					
31	4%					
32	7%					
33	10%					
34	11%					
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47	Total	46,202,069	46,202,069			

Note: The Company amortizes the benefits of investment tax credit to the customer over the book life of the assets per option 2 of the Internal Revenue Service Code Section 46(f). At year end 1979, there is no carry forward of ITC.

ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255)

Report as specified below information applicable to Account 255. Where appropriate, segregate the balances and trans-

actions by utility and nonutility operations. Explain by footnote any correction adjustments to the account balance,

shown in Column (g). Include in Column (i) the average period over which the tax credits are amortized.

Line No.	Account Subdivisions (e)	Balance Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Adjustments * (g)	Balance End of Year (h)	Average Period of Allocation to Income (i)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)			
1	Electric Utility:								
2	3%	(4,496,932)			411.31	264,912		(4,232,020)	28 years
3	4%	(5,904,128)	255.34	8,000	411.31	254,784	967	(5,640,377)	28 years
4	7%								
5	10%	(23,717,040)	255.35	(3,919,000)	411.31	904,664	(213,927)	(26,945,303)	28 years
6	Total	(34,118,100)		(3,911,000)		1,424,360	(212,960)	(36,817,700)	
7	Others (list separately and show 3%, 4%, 7%, 10%, and total)								
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

* Includes adjustments for 1978 Federal Income Tax Return and for 1975-76 Amended Federal Income Tax Returns

GAIN OR LOSS ON DISPOSITION OF PROPERTY (Account 421.1 and 421.2)

1. Give a brief description of property creating the gain or loss. Include name of party acquiring the property (when acquired by another utility or associated company) and the date transaction was completed. Identify property by type; Leased, Held for Future Use, or Nonutility.

2. Individual gains or losses relating to property with an original cost of less than

\$50,000 may be grouped, with the number of such transactions disclosed in column (a).

3. Give the date of Commission approval of journal entries in column (b), when approval is required. Where approval is required but has not been received, give explanation following the item in column (a). (See account 102, Utility Plant Purchased or Sold.)

Line No.	Description of property (a)	Original Cost of Related Property (b)	Date Journal Entry Approved (When Required) (c)	Account 421.1 (d)	Account 421.2 (e)
1	Gain on disposition of property:				
2	Miscellaneous Dispositions - Utility Land (2 Parcels)	7,111		\$ 37,689	
3					
4	Trailer (Nonutility)	6,000		1,102	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14	Total gain	13,111		\$ 38,791	
15	Loss on disposition of property:				
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31	Total loss				\$

PARTICULARS CONCERNING CERTAIN OTHER INCOME ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective other income accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added for any account if deemed necessary.

2. Merchandising, Jobbing and Contract Work (Accounts 415 and 416)—Describe the general nature of merchandising, jobbing and contract activities. Show revenues by class of activity, operating expenses classified as to operation, maintenance, depreciation, rents and net income before taxes. Give the bases of any allocations of expenses between utility and merchandising, jobbing and contract work activities.

3. Nonutility Operations (Accounts 417 and 417:1)—Describe each nonutility operation and show revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization and net income before taxes, from the operation. Give the bases of any allocations of expenses between utility and nonutility operations. The book cost of property classified as nonutility operations should be included in Account 121.

4. Nonoperating Rental Income (Account 418)—For each major item of miscellaneous property included in Account 121, Nonutility Property, which is not used in operations for which income is included in Account 417, but which is leased

or rented to others, give name of lessee, brief description of property, effective date and expiration date of lease, amount of rent revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, and net income, before taxes, from the rentals. If the property is leased on a basis other than that of a fixed annual rental, state the method of determining the rental. Minor items may be grouped by classes, but the number of items so grouped should be shown. Designate any lessees which are associated companies.

5. Interest and Dividend Income (Account 419)—Report interest and dividend income, before taxes, identified as to the asset account or group of accounts in which are included the assets from which the interest or dividend income was derived. Income derived from investments, Accounts 123, 124 and 136 may be shown in total. Income from sinking and other funds should be identified with the related special funds. Show also expenses, included in Account 419 as required by the uniform system of accounts.

6. Miscellaneous Nonoperating Income (Account 421)—Give the nature and source of each miscellaneous nonoperating income, and expense and the amount thereof for the year. Minor items may be grouped by classes.

Line No.	Item (a)	Amount (b)
1	<u>Account 417</u>	None
2	<u>Account 418</u> - Non Utility Property Rent	\$ 5 620
3	<u>Account 419</u> - Interest & Dividend Income	
4	Notes Receivable - Tampa Bay Industrial Corp.	\$233 258
5	TECO Employee Loans	243 381
6	Employee Purchases & Miscellaneous	2 909
7	Temporary Cash Investments	32 359
8		<u>\$511 907</u>
9		
10		
11		
12	<u>Account 421</u> - Miscellaneous Non-Operating Income	
13	Redemption of Bonds - 3.70% Series Due 1983	\$ 26 085
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35	Total Other Income	\$ 543,612

PARTICULARS CONCERNING CERTAIN INCOME DEDUCTION AND INTEREST CHARGES ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective income deduction and interest charges accounts. Provide a conspicuous sub-heading for each account and show a total for the account. Additional columns may be added if deemed appropriate with respect to any account.

2. Miscellaneous Amortization (Account 425)—Describe the nature of items included in this account, the contra account charged, the total of amortizations charges for the year, and the period of amortization.

3. Miscellaneous Income Deductions — Report the nature, payee, and amount of other income deductions for the year as required by Accounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; and 426.5 Other Deductions, of the Uniform System of Accounts. Amounts of less than \$1,000 may be grouped by classes within the

above accounts if the number of items so grouped is shown. Additionally, report the total amount of income deductions included in Account 426.4, particulars of which are contained in the separate schedule "Expenditures for Certain Civic, Political and Related Activities."

4. Interest on Debt to Associated Companies (Account 430)—For each associated company to which interest on debt was incurred during the year show the amount and interest rate respectively for (a) advances on notes (b) advances on open account (c) notes payable (d) accounts payable and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.

5. Other Interest Expense (Account 431)—Report particulars, including the amount and interest rate for other interest charges incurred during the year.

Line No.	Item (a)	Amount (b)
	Account 425	\$ None
1	Account 426.1	
2	Auburndale High School Baseball Patrons	1 200
3	Berkeley Preparatory School	5 000
4	Boy Scouts of America	5 340
5	Brandon Cultural Center Civic Assn.	2 088
6	Harvard Business School—Chapman Professorship	5 000
7	Dade City Rescue Squad	1 118
8	Florida College	2 500
9	Florida Council of Economic Foundation	2 000
10	Florida Gulf Coast Symphony of Tampa, Inc.	2 950
11	Florida State Fair Association	1 584
12	Florida Youth Steer & Carcass Show & Sale	2 617
13	Goodwill Industries Suncoast	10 240
14	Greater Tampa Chamber of Commerce	2 500
15	Junior Achievement	3 450
16	Little League Baseball—Forest Hills	1 450
17	MacDonald Training Center	1 570
18	St. Mary's Parish Day School	1 000
19	South Florida Baptist Hospital	2 000
20	Tampa Ballet	1 000
21	Tampa Bicentennial River Walk	1 000
22	Tampa Museum	1 050
23	United Way of East Hillsborough	2 200
24	United Way of Greater Tampa	44 225
25	United Givers Fund of Lake Region	5 300
26	University of South Florida	1 000
27	University of South Florida Presidents Council	1 000
28	University of Tampa	10 000
29	W. E. D. U. Educational Television	2 745
30	4 Schools Less than \$1000	455
31	10 Professional Organizations Less than \$1000	3 175
32	2 State and National Welfare Organizations Less than \$1000	600
33	11 Community Service Organizations Less than \$1000	2 473
34	43 Civic Organizations Less than \$1000	16 396
35	11 Churches Less than \$1000	1 722
36	14 Charties Less than \$1000	2 628
37	19 Educational & Cultural Organizations less than \$1000	5 258
38	2 Volunteer Fire Departments Less than \$1000	150
39		
40		
41		\$ 155 984
42		

PARTICULARS CONCERNING CERTAIN INCOME DEDUCTION AND INTEREST CHARGES ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective income deduction and interest charges accounts. Provide a conspicuous sub-heading for each account and show a total for the account. Additional columns may be added if deemed appropriate with respect to any account.

2. Miscellaneous Amortization (Account 425)—Describe the nature of items included in this account, the contra account charged, the total of amortizations charges for the year, and the period of amortization.

3. Miscellaneous Income Deductions —Report the nature, payee, and amount of other income deductions for the year as required by Accounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; and 426.5 Other Deductions, of the Uniform System of Accounts. Amounts of less than \$1,000 may be grouped by classes within the above accounts if the number of items so grouped is shown. Additionally, report the total amount of income deductions included in Account 426.4, particulars of which are contained in the separate schedule "Expenditures for Certain Civic, Political and Related Activities."

4. Interest on Debt to Associated Companies (Account 430)—For each associated company to which interest on debt was incurred during the year show the amount and interest rate respectively for (a) advances on notes (b) advances on open account (c) notes payable (d) accounts payable and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.

5. Other Interest Expense (Account 431)—Report particulars, including the amount and interest rate for other interest charges incurred during the year.

Line No.	Item (a)	Amount (b)
1	<u>Account 426.2</u>	\$ None
2		
3	<u>Account 426.3</u>	None
4		
5	<u>Account 426.4</u> (see page 305)	\$ <u>83 152</u>
6		
7	<u>Account 426.5</u>	
8	Write off of non-utility receivable	\$ <u>143 650</u>
9		
10	<u>Account 430</u>	None
11		
12	<u>Account 431</u>	
13	Notes Payable Other	\$ 2 433 625
14	Notes Payable Banks	1 545 083
15	Customer Deposits	419 227
16	Interest on Escrowed Franchise	216 846
17	Federal Income Tax	3 631
18	Other	845
19		\$ <u>4 619 257</u>
20		
21		
22		
23		
24		
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26		
27		
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EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES

(Account 426.4)

1. Report below all expenditures incurred by the respondent during the year 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); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Account 426.4.

2. Advertising expenditures in this Account shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) news-

paper and magazine editorial services; and (f) other advertising.

3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions, clearly indicating the nature and purpose of the activity.

4. If respondent has not incurred any expenditures contemplated by the instructions of Account 426.4, so state.

5. For reporting years which begin during the calendar year 1963 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (b)
1		\$
2	Expenses incurred primarily in Tallahassee, Florida, and Washington, D.C., in connection with Government information gathering.	
3		
4		
5		
6		
7	Consultant Fees	9,000
8	Salaries	23,731
9	Transportation Cost	8,452
10	Meals, Lodging and Other	
11	Incurred Costs	41,969
12		<u>83,152</u>
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
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41		

REGULATORY COMMISSION EXPENSES

1. Report particulars of regulatory commission expenses incurred during the current year or incurred in previous years, if being amortized, relating to formal cases before a regulatory body, or cases in which such a body was a party.

2. Under column (a), furnish name of regulatory commission or body, the docket or case number, and a description of the case. Indicate whether the expenses were assessed by a regulatory body or were otherwise incurred by the utility.

LINE #	DESCRIPTION (a)	ASSESSED BY REGULATORY COMMISSION (b)	EXPENSES OF UTILITY (c)	TOTAL EXPENSES TO DATE (d)	DEFERRED IN ACCOUNT 186 BEGINNING OF YEAR (e)
1	<u>BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION</u>		\$	\$	\$
2	Fuel cost recovery clause. Docket		51,715		
3	Nos.780778-EU(CI) and 74-680(CI)				
4					
5	Legal research and review of various		46,150		
6	ratemaking principles relevant to an				
7	application for increase in rates.				
8					
9	Proposed amendment of rules relating to		15,766		
10	customer deposits, Docket Nos.780756-				
11	Rule,790123-Rule, 790697-Rule.				
12					
13	Public Utility Regulatory Policies Act		2,462		
14	of 1978. Docket Nos.790010-Rule,790155-				
15	Rule.				
16	Recommended amendment of Commission Rule		4,398		
17	25-6.101 relating to time allowed for				
18	bills to become delinquent and Rule				
19	25-9.46 relating to late charges by				
20	public utilities. Docket Nos. 780250-Rule				
21	and 780779-Rule.				
22					
23					
24	Investigation and show cause order to		2,111		
25	Tampa Electric Co. as to proper treatment				
26	of franchise fees for rate making purposes.				
27	Docket No.770937-EU(CI).				
28					
29	Lewis A. Petteway-Retainer		3,000		
30					
31	Disposition of federal tax savings realized		5,613		
32	under the Revenue Act of 1978. Docket				
33	No. 780921-PU.				
34					
35	Continued financial surveillance of		1,752		
36	electric utilities. Docket No. 780223-EU				
37	Audit of cost of coal of TECO subsidiary		10,000		
38					
39	Application of TECO to enter into a lease		4,123		
40	and agreement with Franklin Street				
41	Associates, Ltd. and approval of account-				
42	ing treatment in conjunction with Company's				
43	acquisition of office space.				
44					
45	Research relating to the Commission's		3,000		
46	special				
	TOTAL - - -				

REGULATORY COMMISSION EXPENSES (Continued)

3. Any expenses incurred in prior years which are being amortized should be shown in column (k) and the period of amortization listed in column (a).

5. Expenses incurred during year wick were charged currently to income, plant or other accounts should be listed in column (f), (g) and (h).

4. The totals of columns (e), (i), (k) and (l) should agree with that shown on page 214 for Account 186.

6. Minor items may be grouped.

EXPENSES INCURRED DURING YEAR			AMORTIZED DURING YEAR		DEFERRED IN ACCOUNT 186, END OF YEAR	LINE
CHARGED CURRENTLY TO		DEFERRED TO	CONTRA ACCOUNT	AMOUNT		
DEPARTMENT (f)	ACCOUNT NO. (g)	AMOUNT (h)	ACCOUNT 186 (i)	AMOUNT (k)	(l)	#
Electric	928	51,715				1
						2
Electric	928	46,150				3
						4
Electric	928	15,677				5
						6
						7
Electric	928	2,462				8
						9
Electric	928	4,398				10
						11
						12
Electric	928	2,111				13
						14
						15
Electric	928	3,000				16
						17
Electric	928	5,163				18
						19
						20
						21
						22
Electric	928	1,752				23
						24
						25
Electric	928	10,000				26
						27
Electric	928	4,123				28
						29
						30
						31
						32
						33
Electric	928	3,000				34
						35
						36
						37
						38
						39
						40
						41
						42
						43
Electric	928	3,000				44
						45
						46

REGULATORY COMMISSION EXPENSES

1. Report particulars of regulatory commission expenses incurred during the current year or incurred in previous years, if being amortized, relating to formal cases before a regulatory body, or cases in which such a body was a party.

2. Under column (a), furnish name of regulatory commission or body, the docket or case number, and a description of the case. Indicate whether the expenses were assessed by a regulatory body or were otherwise incurred by the utility.

LINE #	DESCRIPTION (a)	ASSESSED BY REGULATORY COMMISSION (b)	EXPENSES OF UTILITY (c)	TOTAL EXPENSES TO DATE (d)	DEFERRED IN ACCOUNT 196 BEGINNING OF YEAR (e)
1		\$	\$	\$	\$
2	Studies relating to employee salaries,				
3	fleet vehicles, subsidiary accounting, etc.				
4					
5	Sunset review of Chapters 350 and 366 of		1 683		
6	Florida Statutes. Docket No. 790557-CI				
7					
8	Continuing surveillance review of		2 876		
9	regulated telephone companies, Docket				
10	Nos. 780777-TP(GI), 780818-TP(CI), 780742-				
11	TP, 790209-Rule, 790084-TP.				
12					
13	Various Dockets relating to Florida Power		3 290		
14	Corp and Florida Power & Light. Docket Nos.				
15	770671-CI.				
16					
17	<u>BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION</u>				
18					
19	Interchange Agreements including proposed		2 204		
20	interconnection agreements with Florida				
21	Power Corp and Florida Power & Light				
22	Docket Nos. ER77-550 and RM79-28.				
23					
24	Research-National Energy Act		9 460		
25					
26	28 Miscellaneous FPSC and FERC Dockets		16 484		
27	less than \$1000 each.				
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL - - -		186 087		

REGULATORY COMMISSION EXPENSES (Continued)

3. Any expenses incurred in prior years which are being amortized should be shown in column (k) and the period of amortization listed in column (a).

5. Expenses incurred during year which were charged currently to income, plant or other accounts should be listed in column (f), (g) and (h).

4. The totals of columns (e), (i), (k) and (l) should agree with that shown on page 214 for Account 186.

6. Minor items may be grouped.

EXPENSES INCURRED DURING YEAR			AMORTIZED DURING YEAR		DEFERRED IN ACCOUNT 186, END OF YEAR (l)	LINE #
CHARGED CURRENTLY TO		DEFERRED TO ACCOUNT 186 (i)	CONTRA ACCOUNT (j)	AMOUNT (k)		
DEPARTMENT (f)	ACCOUNT NO. (g)				AMOUNT (h)	
Electric	928	51,715				1
						2
						3
Electric	928	46,150				4
						5
						6
						7
Electric	928	15,677				8
						9
						10
						11
Electric	928	2,462				12
						13
						14
Electric	928	4,398				15
						16
						17
						18
						19
						20
						21
						22
Electric	928	2,111				23
						24
						25
						26
Electric	928	3,000				27
						28
Electric	928	5,163				29
						30
						31
						32
Electric	928	1,752				33
						34
Electric	928	10,000				35
						36
Electric	928	4,123				37
						38
						39
						40
						41
						42
Electric	928	3,000				43
						44
						45
						46

REGULATORY COMMISSION EXPENSES

1. Report particulars of regulatory commission expenses incurred during the current year or incurred in previous years, if being amortized, relating to formal cases before a regulatory body, or cases in which such a body was a party.

2. Under column (a), furnish name of regulatory commission or body, the docket or case number, and a description of the case. Indicate whether the expenses were assessed by a regulatory body or were otherwise incurred by the utility.

LINE #	DESCRIPTION (a)	ASSESSED BY REGULATORY COMMISSION (b)	EXPENSES OF UTILITY (c)	TOTAL EXPENSES TO DATE (d)	DEFERRED IN ACCOUNT 186 BEGINNING OF YEAR (e)
1		\$	\$	\$	\$
2	Studies relating to employee salaries,				
3	fleet vehicles, subsidiary accounting, etc.				
4					
5	Sunset review of Chapters 350 and 366 of		1 683		
6	Florida Statutes. Docket No. 790557-CI				
7					
8	Continuing surveillance review of		2 876		
9	regulated telephone companies, Docket				
10	Nos. 780777-TP(GI), 780818-TP(CI), 780742-				
11	TP, 790209-Rule, 790084-TP.				
12					
13	Various Dockets relating to Florida Power		3 290		
14	Corp and Florida Power & Light. Docket Nos.				
15	770671-CI.				
16					
17	BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION				
18					
19	Interchange Agreements including proposed		2 204		
20	interconnection agreements with Florida				
21	Power Corp and Florida Power & Light				
22	Docket Nos. ER77-550 and RM79-28.				
23					
24	Research-National Energy Act		9 460		
25					
26	28 Miscellaneous FPSC and FERC Dockets		16 484		
27	less than \$1000 each.				
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL - - -		186 087		

REGULATORY COMMISSION EXPENSES (Continued)

3. Any expenses incurred in prior years which are being amortized should be shown in column (k) and the period of amortization listed in column (a).

5. Expenses incurred during year wick were charged currently to income, plant or other accounts should be listed in column (f), (g) and (h).

4. The totals of columns (e), (i), (k) and (l) should agree with that shown on page 214 for Account 186.

6. Minor items may be grouped.

EXPENSES INCURRED DURING YEAR			AMORTIZED DURING YEAR			DEFERRED IN ACCOUNT 186, END OF YEAR (l)	LINE #
CHARGED CURRENTLY TO		AMOUNT (h)	DEFERRED TO	CONTRA ACCOUNT	AMOUNT		
DEPARTMENT (f)	ACCOUNT NO. (g)			ACCOUNT 186 (i)	(j)	(k)	(l)
Electric	928	1 683					1
							2
							3
							4
Electric	928	2 876					5
							6
							7
Electric	928	3 290					8
							9
							10
							11
							12
Electric	928	2 204					13
							14
							15
							16
							17
Electric	928	9 460					18
							19
							20
							21
							22
Electric	928	16 484					23
							24
							25
							26
							27
							28
							29
							30
							31
							32
							33
							34
							35
							36
							37
							38
							39
							40
							41
							42
							43
							44
		186 087					45
							46

CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES

1. Report the information specified below for all charges made during the year included in any account (including plant accounts) for outside consultative and other professional services, such as services concerning rate, management, construction, engineering, research, financial, valuation, legal, accounting, purchasing, advertising, labor relations, and public relations, rendered the respondent under written or oral arrangement, for which aggregate payments during the year to any corporation, partnership, organization of any kind, or individual (other than for services as an employee or for payments made for medical and related services) amounted to \$5,000 in the case of a Class B company or \$10,000 in the case of a Class A company, including payments for legislative services except those which should be reported in Account 425.4, Expenditures for Certain Civic, Political and Related Activities:

services,
 (b) description of services received during year and project or case to which services relate,
 (c) basis of charges,
 (d) total charges for the year detailing utility department and account charged.

2. For aggregate payments to any one individual, group or partnership, by Class A companies of less than \$10,000 and in the amount of \$600 or more and aggregate payments by Class B companies of less than \$5,000 and in the amount of \$600 or more, there shall be reported the name of the payee, the predominant nature of the services performed and the amount of payment.

3. For any such services which are of a continuing nature give date and term of contract and date of Commission authorization, if contract received Commission approval.

4. Designate associated companies.

(a) Name and address of person or organization rendering

1	1. (a) Stone & Webster Management Consultants, Inc., New York, N.Y.		
2	(b) Advisory Services on Federal Taxation, Insurance, Financing.		
3	(c) Monthly Rate of \$3,500.00.		
4	(d)	Account 923	\$ 45,563
5		928	33
6		500	10
7			<u>\$ 45,606</u>
8			
9	3. The foregoing service is of a continuing nature and is rendered		
10	under a contract effective July 1, 1976 and continued until		
11	terminated by either party on thirty days written notice.		
12			
13			
14	1. (a) Holland & Knight, Attorneys at Law, Tampa, Florida.		
15	(b) Furnishes Legal Services.		
16	(c) Monthly Retainer of \$3,000 for 12 months plus additional \$10,000		
17	in December = \$46,000 - plus additional billings for special		
18	services	Account 923	\$159,074
19		588	502
20		560	1,454
21		107	55,361
22		506	926
23		500	7,716
24		186	46,130
25		146	30,702
26		926	5
27		188	4,172
28		143	20
29		183	163
30			<u>\$306,225</u>
31			
32			
33			
34	1. (a) Alcalde, Henderson, O'Bannon & Kline Ltd, Rosslyn, Virginia.		
35	(b) Consultant Services - Government & Public Affairs		
36	(c) Monthly retainer \$1,500 plus additional services	Account 923	\$ 10,391
37		426	9,000
38			<u>\$ 19,391</u>
39			
40			
41			
42			

1. (a)	Law Engineering Testing Company, Atlanta, Ga.		
(b)	Consulting Engineers		
(c)	Actual Charges		
(d)		Account 107	\$ 9,418
		511	640
		188	60
			<u>\$ 10,118</u>
1. (a)	Hunton & Williams, Richmond, Va.		
(b)	Legal Services		
(c)	Actual Charges		
(d)		Account 930	\$ 65,706
		107	15,119
		183	7,442
			<u>\$ 88,267</u>
1. (a)	Curtis F. McKnight Testing Laboratories, Tampa, Fla.		
(b)	Radiographic Testing		
(c)	Actual Charges		
(d)		Account 107	\$ 23,231
		512	28,375
		513	3,329
		183	2,842
		186	2,282
			<u>\$ 60,059</u>
1. (a)	Ellarbee Clark & Paul, Atlanta, Ga.		
(b)	Legal Services		
(c)	Actual Charges		
(d)		Account 923	\$ 66,300
		107	1,939
			<u>\$ 68,239</u>
1. (a)	Environmental Research & Technology, Inc., Boston, Mass.		
(b)	Environmental Consultants		
(c)	Actual Charges		
(d)		Account 107	<u>\$ 71,083</u>
1. (a)	Environmental Science & Engineering, Inc., Gainesville, Fla.		
(b)	Environmental Engineers		
(c)	Actual Charges		
(d)		Account 207	\$104,095
			8,754
			<u>\$112,849</u>
1. (a)	Environmental Associates, Inc., Tampa, Fla.		
(b)	Environmental Engineers		
(c)	Actual Charges		
(d)		Account 107	\$ 50,756
		183	14,917
			<u>\$ 65,673</u>

1.(a)	Energy & Control Consultants, Fairfax, Va.		
(b)	Energy Management System Consultant Services		
(c)	Actual Charges		
(d)		Account 107	<u>\$ 62,036</u>
1.(a)	Louis Benito Advertising, Tampa, Fla.		
(b)	Advertising & Layout Consultant		
(c)	Actual Charges		
(d)		Account 908	\$195,871
		930	50,645
		909	95
		903	5,735
			<u>\$252,346</u>
1.(a)	New England Merchants National Bank, Boston, Mass.		
(b)	Services as Transfer Agent		
(c)	Actual Charges		
(d)		Account 930	<u>\$ 84,026</u>
1.(a)	Knight Appraisal Services, Tampa, Fla.		
(b)	Appraisers-Realtors		
(c)	Actual Charges		
(d)		Account 105	\$ 1,500
		107	350
		560	800
		183	17,500
			<u>\$ 20,150</u>
1.(a)	WHH and Associates, Jacksonville, Fla.		
(b)	Consulting Services		
(c)	Actual Charges		
(d)		Account 510	\$ 685
		588	15,196
			<u>\$ 15,881</u>
1.(a)	John T. Boyd Co., Pittsburgh, Penn.		
(b)	Mining & Geological Engineers		
(c)	Actual Charges		
(d)		Account 923	<u>\$ 15,905</u>
1.(a)	Ausley, McMullen, McGehee, Carothers & Proctor, Tallahassee, Fla.		
(b)	Legal Services, Rate Hearing		
(c)	Actual Charges		
(d)		Account 928	\$131,516
		923	3,000
			<u>\$134,516</u>
1.(a)	David L. Babson & Co., Boston, Mass.		
(b)	Investment Advice Services		
(c)	Actual Charges		
(d)		Account 926	<u>\$ 32,080</u>

1. (a)	Coopers & Lybrand, Tampa, Fla.		
(b)	Services for S-8 Registration Statement, Annual Audit of Company Books, Annual Report Form 10K, Public Service Commission Hearings, Tax Work, Audit of Employee Benefit Plans		
(c)	Actual Charges		
(d)		Account 923	\$ 80,151
		928	22,980
		921	4,200
		926	8,700
			<u>\$116,031</u>
1. (a)	Towers, Perrin, Forster & Crosby, Philadelphia, Penn.		
(b)	Actuarial & Consulting Services		
(c)	Actual Charges		
(d)		Account 921	\$ 2,913
		923	18,989
		926	64,915
			<u>\$ 86,817</u>
1. (a)	W. H. Reaves & Co., Inc., Jersey City, N.J.		
(b)	Pension Trust Advisory Services		
(c)	Actual Charges		
(d)		Account 926	<u>\$ 32,238</u>
1. (a)	Herrick & Smith, Boston, Mass.		
(b)	Legal Services (Various) Stock & Bond Research, Forms 10K, 10Q & S8		
(c)	Actual Charges		
(d)		Account 923	\$ 68,636
		926	35,971
			<u>\$104,607</u>
1. (a)	Florida Electric Power Coordinating Group, Tampa, Fla.		
(b)	An association to coordinate activities of Electric Utilities in State of Florida		
(c)	Actual Charges		
(d)		Account 500	\$ 15,623
		908	4,268
		561	20,011
			<u>\$ 39,902</u>
1. (a)	Inventory Services Planning Group, St. Louis, Mo.		
(b)	Planning Services for New Production Warehouse		
(c)	Actual Charges		
(d)		Account 183	<u>\$ 50,000</u>
1. (a)	James E. Jones, Jr., PE & Assoc., Tampa, Fla.		
(b)	Consulting Engineers		
(c)	Actual Charges		
(d)		Account 107	<u>\$ 20,622</u>

1.(a)	State Street Bank & Trust Company, Boston, Mass.		
(b)	Trusteeship		
(c)	Actual Charges		
(d)		Account 930	<u>\$ 42,835</u>
1.(a)	Battelle, Columbus, Ohio		
(b)	Research & Development Engineers		
(c)	Actual Charges		
(d)		Account 500	<u>\$ 37,088</u>
1.(a)	Mainstem Corporation, Newark, New Jersey		
(b)	Maintenance Management Reporting System		
(c)	Actual Charges		
(d)		Account 184	<u>\$ 33,091</u>
1.(a)	Dravo Corporation, Atlanta, Ga.		
(b)	Consulting Engineers		
(c)	Actual Charges		
(d)		Account 921	\$ 16,763
		512	4,207
			<u>\$ 20,970</u>
1.(a)	Stone & Webster Engineering Corporation, Boston, Mass.		
(b)	Engineering Services		
(c)	Actual Charges		
(d)		Account 107	\$622,441
		183	159,260
		512	14,200
		188	5,713
		553	8,170
		500	1,307
		502	2,823
		513	7,626
		551	(35)
		506	10,255
		510	15,087
		511	86
			<u>\$846,933</u>
1.(a)	Stone & Webster Engineering Corporation, Tampa, Fla.		
(b)	Engineering Services		
(c)	Actual Charges		
(d)		Account 107	\$678,310
		511	32,139
		506	11,505
		512	86,921
		921	1,548
		183	7,392
		514	6,988
		513	14,404
		510	10,712

	Account 232	\$ 59,788
	502	223
	188	683
	154	2,644
	184	1,230
		<u>\$914,487</u>
1. (a)	Brown Brothers Harriman & Co., New York, N.Y.	
(b)	Investment Advisory Service	
(c)	Actual Charges	
(d)	Account 926	<u>\$ 45,666</u>
1. (a)	Donelan, Cleary, Wood & Maser, Washington, D.C.	
(b)	Legal Services	
(c)	Actual Charges	
(d)	Account 923	<u>\$ 27,716</u>
1. (a)	NUS Corporation, Rockville, Maryland	
(b)	Environmental Research	
(c)	Actual Charges	
(d)	Account 107	\$153,568
	506	402
		<u>\$153,970</u>
1. (a)	D. J. Vernine & Associates, Knoxville, Tenn.	
(b)	Management, Training & Consulting Services	
(c)	Actual Charges	
(d)	Account 903	\$ 8,842
	588	7,280
	902	238
		<u>\$ 16,360</u>
1. (a)	Landmark Group Commercial Services Corp. of Florida, Atlanta, Ga.	
(b)	Feasibility Study Real Estate Services	
(c)	Actual Charges	
(d)	Account 923	<u>\$ 25,000</u>
1. (a)	Performance Systems Corporation, Dallas, Texas	
(b)	Positive Discipline Implementation	
(c)	Actual Charges	
(d)	Account 506	<u>\$ 15,324</u>
1. (a)	Joseph Salem & Associates, St. Petersburg, Fla.	
(b)	Engineering Services	
(c)	Actual Charges	
(d)	Account 107	\$ 54,461
	512	30
		<u>\$ 54,491</u>

1. (a) Aerofax Corporation, Plant City, Fla.		
(b) Photogrammetric Services		
(c) Actual Charges		
(d)	Account 152	\$ 6,535
	500	9,500
	912	100
	183	250
	107	5,100
	588	300
		<u>\$ 21,785</u>
1. (a) Robbins & Bentler Architects, Inc., Tampa, Fla.		
(b) Architectural & Engineering Services		
(c) Actual Charges		
(d)	Account 107	<u>\$106,301</u>
1. (a) Byron Harless, Reid & Associates, Jacksonville, Fla.		
(b) Consulting Psychoanalyst		
(c) Actual Charges		
(d)	Account 923	<u>\$ 13,831</u>
1. (a) RMBR Architects-Planners Inc., Tampa, Fla.		
(b) Architects & Planners		
(c) Actual Charges		
(d)	Account 107	<u>\$ 53,723</u>
1. (a) George Betterly Consulting Group, Boston, Mass.		
(b) Consulting Engineers		
(c) Actual Charges		
(d)	Account 923	<u>\$ 27,058</u>
1. (a) Fletcher & Valenti Architects & Planners Inc., Tampa, Fla.		
(b) Architects		
(c) Actual Charges		
(d)	Account 107	<u>\$ 12,376</u>
1. (a) Post Buckley Schuh & Jernigan Inc., Clearwater, Fla.		
(b) Consulting Engineers & Planners		
(c) Actual Charges		
(d)	Account 107	<u>\$ 31,486</u>
1. (a) W. C. MacInnes, Tampa, Fla.		
(b) Consulting Service		
(c) Actual Charges		
(d)	Account 923	<u>\$ 35,167</u>
1. (a) John McQuigg, Tampa, Fla.		
(b) Legal Service		
(c) Actual Charges		
(d)	Account 262	<u>\$ 23,318</u>

1. (a) Roger A. Crane, Tampa, Fla.
 (b) Consulting Service
 (c) Actual Charges
 (d)

Account 183 \$ 10,699

AGGREGATE PAYMENTS OF LESS THAN \$10,000 AND IN THE AMOUNT OF \$600 OR MORE

<u>Payee</u>	<u>Service Performed</u>	<u>Amount</u>
Internat'l Research & Technology Corp.	Environmental Liability Survey	\$ 2,000
Bryson Environmental Services, Inc.	Environmental Engineers	4,806
Edwards Sawyer & White	Legal Services	638
Commercial Service Co.	Investigators & Surveillance	842
Mote Marine Laboratory	Marine Biologists	1,581
Moody's Investors Service	Com'l Paper Appraisal Svce	6,470
Serge A. Birn Co.	Management Consultants	2,924
Arthur Andersen & Co.	Accounting Service	7,450
Paine Webber Jackson & Curtis, Inc.	Rate Case Services	3,695
E. F. Bilz Associates, Inc.	Transportation Consultants	1,954
Energy Research & Consultants Corp.	Engineering Services	3,627
Conservation Consultants, Inc.	Biological Survey	2,889
Gallagher Boland Meiburger & Brosnan	Legal Services	8,076
Lawler Matusky & Skelly Engineers	Engineering Service	5,042
Lee Stafford & Associates	Security Consultants	2,557
Interscience	Environmental Services	8,059
Vernon Graphics	Photographic Reproduction	7,618
Betty M. Lauria Court Reporter Inc.	Court Reporter	1,391
Martino Roque & Weinstein	Legal Services	1,169
Straughn Sharit Bunn & Chilton	Legal Services	778
Bucklew & Ramsey	Legal Services	9,655
Mangrove Systems	Marine Biologists	3,387
Research Systems Inc.	Consulting Service	4,889
Stichter Stagg Hoyt Riedel & Fogarty	Legal Services	2,239
Mandish & Associates	Engineering Service	875
Equifax Services	Personnel Services	7,418
John Rusch Associates	Engineering Services	9,724
Fowler White Gillen Boggs Villareal & Banker	Legal Services	8,541
Nicodemus Reporting	Court Reporter	812
Deloitte Haskins & Sells	Accounting Services	5,250
Orofino & Co.	Consulting Engineers	7,331
Suncoast Opinion Surveys	Survey Services	4,716
Theodore Barry & Assoc.	Management Consultants	7,500
McClain & Walkley Attys	Legal Services	2,188
Reynolds Smith & Hills	Consulting Engineers	1,770
Argus Research Corporation	Consulting Services	1,980
Marshall Roberts & Co., Inc.	Office Efficiency Services	3,358
Sverdrup & Parcel & Associates Inc.	Consulting Engineers	9,292
Hopping Boyd Green & Sams P.A.	Legal Services	4,361
Energy Conservation Engrng, Inc.	Consulting Engineers	3,631
Robuck & Associates	Consulting Service	1,549
Environmental Engrng Consultants Inc.	Environmental Engineers	1,320
Power Dynamics	Consulting Service	873

National Economic Research Assoc.	Research Engineers	\$ 1,823
J. Richard Hackman	Consulting Services	1,267
Mary D. Lee	Consulting Services	666
Lewis W. Petteway	Legal Service	9,348
Steven B. Csanadi	Consulting Service	1,264
William J. Miller	Computer Consultant	1,719
James L. Parrish	Consulting Engineer	872
Sybil Barnes	Radio Program Moderator	1,422
Philip B. Cromelin, Jr.	Electrostatic Precip. Consultant	5,924
H. M. Schroder	Consulting Service	5,600
George F. Helwig	Waste Treatment Service	4,160
Dr. Raphael R. Kavanaugh	Consulting Services	930
Richard M. Starns, Jr.	Consulting Engineer	747
J. Fred Holly	Consulting Services	601
Alexander Bogot	Engineering Service	2,886
John Naisbitt	Educational Consultant	1,732
R. Morton Darrow	Educational Consultant	1,790
Dr. Seymour L. Wolfbein	Educational Consultant	826
Glenn A. Burdick, Ph.D.	Engineering Service	807
Dr. Robert D. Brooks	Consultant Speakers Bureau	1,500
Thomas E. Johnson, Jr., Ph.D.	Management Consultant	1,010
Shuh-Jing Ying, Ph.D., P.E.	Engineering Service	5,112
L. F. Pallardy, Jr.	Appraiser	4,900
J. F. Fernandez	Consulting Engineer	673
Richard E. Mignery	Educational Consultant	1,375
Louis Lipsitz	Arbitrator	1,494
Louis R. Bainbridge	Job Evaluator	672
Ray G. Belanger	Job Evaluator	1,136
Belynda M. Harlow	Job Evaluator	648
John A. Kostreles, Jr.	Job Evaluator	816
Howard I. Wall	Job Evaluator	1,128

DISTRIBUTION OF SALARIES AND WAGES

Report below the distribution of total salaries and wages for the year. Amounts originally charged to clearing accounts should be segregated as to Utility Departments, Construction, Plant Removals, and Other Accounts, and shown in the appropriate lines

and spaces provided for such amounts on pages 355 and 356. In determining this segregation of salaries and wages originally charged to clearing accounts a method of approximation giving substantially correct results may be used.

Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged Clearing Accounts (c)	Total (d)
1	ELECTRIC	\$	\$	\$
2	Operation:			
3	Production.....	6,571,629		
4	Transmission.....	1,287,641		
5	Distribution.....	4,003,312		
6	Customer Accounts.....	4,085,389		
7	Customer Service and Informational	582,376		
8	Sales.....	31,135		
9	Administrative and General.....	5,083,829		
10	Total Operation.....	21,645,311		
11	Maintenance:			
12	Production.....	10,807,111		
13	Transmission.....	520,002		
14	Distribution.....	2,030,907		
15	Administrative and General.....	1,036,987		
16	Total Maintenance.....	14,395,007		
17	Total Operation and Maintenance:			
18	Production.....	17,378,740		
19	Transmission.....	1,807,643		
20	Distribution.....	6,034,219		
21	Customer Accounts.....	4,085,389		
22	Customer Service and Informational	582,376		
23	Sales.....	31,135		
24	Administrative and General.....	6,120,816		
25	Total Operation and Maintenance.....	36,040,318	2,464,360	38,504,678
26	GAS			
27	Operation:			
28	Production—Manufactured Gas.....			
29	Production—Natural Gas (incl. Expl. and Dev.).....			
30	Other Gas Supply.....			
31	Storage, LNG Terminaling and Processing.....			
32	Transmission.....			
33	Distribution.....			
34	Customer Accounts.....			
35	Customer Service and Informational			
36	Sales.....			
37	Administrative and General.....			
38	Total Operation.....			
39	Maintenance:			
40	Production—Manufactured Gas.....			
41	Production—Natural Gas.....			
42	Other Gas Supply.....			
43	Storage, LNG Terminaling and Processing.....			
44	Transmission.....			
45	Distribution.....			
46	Administrative and General.....			
47	Total Maintenance.....			
48				
49				
50				

Continued

DISTRIBUTION OF SALARIES AND WAGES (Continued)				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged Clearing Accts. (c)	Total (d)
	Gas (Continued)	\$	\$	\$
51	Total Operation and Maintenance:			
52	Production—Manufactured Gas.....			
53	Production—Natural Gas (incl. Expl. and Dev.).....			
54	Other Gas Supply.....			
55	Storage, LNG Terminating and Processing.....			
56	Transmission.....			
57	Distribution.....			
58	Customer Accounts.....			
59	Customer Service and Informational.....			
60	Sales.....			
61	Administrative and General.....			
62	Total Operation and Maintenance.....			
63	OTHER UTILITY DEPARTMENTS			
64	Operation and Maintenance.....			
65	Total All Utility Departments.....	36,040,318	2,464,360	38,504,678
66	UTILITY PLANT			
67	Construction (by utility departments):			
68	Electric Plant.....	8,909,159		
69	Gas Plant.....			
70	Other.....			
71	Total Construction.....	8,909,159	1,512,841	10,422,000
72	Plant Removal (by utility departments):			
73	Electric Plant.....	582,069		
74	Gas Plant.....			
75	Other.....			
76	Total Plant Removal.....	582,069	78,368	660,437
77	Other Accounts (Specify):			
78				
79	Utility Plant & Deferred debits	341,321	62,529	403,850
80	(105,146,183,186,188)			
81	Injury & Damage Reserve (262)	1,886	(3)	1,883
82	Miscellaneous other deductions (426)	23,963	1,910	25,873
83	Job orders (700-799)	121,911	14,331	136,242
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95				
96				
97				
98				
99				
100				
101				
102				
103				
104				
105	TOTAL SALARIES AND WAGES.	46,020,627	4,134,336	50,154,963

ELECTRIC PLANT IN SERVICE

(In addition to Account 101, Electric Plant in Service [Classified], this schedule includes Account 102, Electric Plant Purchased or Sold, Account 103, Experimental Electric Plant Unclassified and Account 106, Completed Construction Not Classified-Electric.)

1. Report below the original cost of electric plant in service according to prescribed accounts.
2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate.
3. Credit adjustments of plant accounts should be enclosed

4. Reclassifications or transfers within utility plant accounts should be shown in column (f). Include also in column (f) the additions or reductions of primary account classifications arising from distribution of amounts initially recorded in Account 102, Electric Plant Purchased or Sold.

In showing the clearance of Account 102, include in column (e) the amounts with respect to accumulated provision for depreciation, acquisition adjustments, etc., and show in column (f) only the offset to the debits or credits distributed in column (f) to primary account classifications.

Line No.	Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
1	1. INTANGIBLE PLANT	\$	\$	\$	\$	\$	\$
2	(301) Organization						
3	(302) Franchises and consents	20 281.81					20 281.81
4	(303) Miscellaneous intangible plant						
5	Total intangible plant	20 281.81					20 281.81
6	2. PRODUCTION PLANT						
7	STEAM PRODUCTION PLANT						
8	(310) Land and land rights	6 007 814.99	120 392.59			38 544.45	6 166 752.03
9	(311) Structures and improvements	89 546 281.17	4 521 827.12	188 968.74		68 592.98	93 947 732.53
10	(312) Boiler plant equipment	245 021 120.11	5 984 498.33	1 251 945.68		(84 701.79)	249 668 970.97
11	(313) Eng's. and eng. driven generators						
12	(314) Turbogenerator units	22 784 422.08	2 190 235.64	2 386 567.98		(19 139.52)	22 568 950.22
13	(315) Accessory electric equipment	44 276 644.15	1 459 702.44	493 396.80		101 946.02	45 344 895.81
14	(316) Misc. power plant equipment	8 515 397.27	594 191.06	108 252.95		(64 316.80)	8 937 018.52
15	Total steam production plant	516 151 679.77	14 870 847.18	4 429 132.15		40 925.28	526 634 320.08
16	NUCLEAR PRODUCTION PLANT						
17	(320) Land and land rights						
18	(321) Structures and improvements						
19	(322) Reactor plant equipment						
20	(323) Turbogenerator units						
21	(324) Accessory electric equipment						
22	(325) Misc. power plant equipment						
23	Total nuclear production plant						
24	HYDRAULIC PRODUCTION PLANT						
25	(330) Land and land rights						
26	(331) Structures and improvements						
27	(332) Reservoirs, dams, and waterways						
28	(333) Wtr. whls., turb., and generators						
29	(334) Accessory electric equipment						
30	(335) Misc. power plant equipment						
31	(336) Roads, railroads, and bridges						
32	Total hydraulic production plant						

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ROW (12-72)

Annual report of TAMPA ELECTRIC COMPANY Year ended December 31, 1979

ELECTRIC PLANT IN SERVICE (Continued)

Annual report of

TAMPA ELECTRIC COMPANY

Year ended December 31, 1979

Line No.	Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
33	OTHER PRODUCTION PLANT	\$	\$	\$	\$	\$	\$
34	(340) Land and land rights.....	834 365.75					834 365.75
35	(341) Structures and improvements....	1 278 008.75	873.97	1 588.81		273 137.84	1 550 431.75
36	(342) Fuel holders, prod., and access'ns..	1 180 834.10				(36 277.96)	1 144 556.14
37	(343) Prime movers.....						
38	(344) Generators.....	16 961 972.85	965.41			(1 079 000.52)	15 883 937.74
39	(345) Accessory electric equipment.....	1 220 928.06				864 077.24	2 085 005.30
40	(346) Misc. power plant equipment.....	10 225.11	6 815.91			2 241.23	19 282.25
41	Total other prod. plant.....	21 486 334.62	8 655.29	1 588.81		24 177.83	21 517 578.93
42	Total production plant.....	537 638 014.39	14 879 502.47			65 103.11	548 151 899.01
43	3. TRANSMISSION PLANT						
44	(350) Land and land rights.....	7 698 041.26	4 450.83	7 139.02		435.00	7 695 788.07
45	(352) Structures and improvements....	381 776.98				6 906.00	388 682.98
46	(353) Station equipment.....	41 948 812.32	936 057.17	202 312.28		(1 095 144.13)	41 587 413.08
47	(354) Towers and fixtures.....	4 473 724.14	114 358.41			(294 316.88)	4 293 765.67
48	(355) Poles and fixtures.....	17 661 500.06	4 037 373.62	157 936.85		268 043.40	21 808 980.23
49	(356) Overhead conductors and devices...	22 086 521.66	1 510 535.29	(118 294.93)		(28 631.45)	23 686 720.43
50	(357) Underground conduit.....	682 578.58	159.45	7 584.35			675 153.68
51	(358) Underground conductors and dev...	907 216.87	159.45	4 847.43			902 528.89
52	(359) Roads and trails.....	880 750.22	85.59			(435.00)	880 400.81
53	Total transmission plant.....	96 720 922.09	6 603 179.81	261 525.00		(1 143 143.06)	101 919 433.84
54	4. DISTRIBUTION PLANT						
55	(360) Land and land rights.....	1 467 417.75					1 467 417.75
56	(361) Structures and improvements....	363 188.17		49.70			363 138.47
57	(362) Station equipment.....	30 809 517.28	817 081.43	898 161.24		1 077 540.27	31 805 977.74
58	(363) Storage battery equipment.....						
59	(364) Poles, towers, and fixtures.....	33 642 679.69	2 605 274.85	335 952.37			35 912 002.17
60	(365) Overhead conductors and devices...	53 016 531.50	4 012 531.98	372 417.45		(263 670.58)	56 392 975.45
61	(366) Underground conduit.....	14 743 391.49	1 220 116.89	12 241.41			15 951 266.97
62	(367) Underground conductors and dev...	18 711 880.45	1 982 387.59	48 074.99		42 014.32	20 688 207.37
63	(368) Line transformers.....	47 292 482.17	5 474 492.90	1 810 479.73		10 577.38	50 967 072.72
64	(369) Services.....	19 171 954.22	2 285 888.94	145 696.75		14 232.51	21 326 378.92
65	(370) Meters.....	12 267 919.21	1 089 708.32	186 693.78		2 198.81	13 173 132.56
66	(371) Installations on cust. premises...	386 912.83					386 912.83

67	(372) Leased property on cust. premises.....								
68	(373) Street lighting and signal systems.....	11 486 578.17	1 423 243.13	114 537.22			234 567.03	13 029 851.05	
69	Total distribution plant.....	243 360 452.87	20 910 726.03	3 924 304.64			1 117 459.74	261 464 334.00	
70	5. GENERAL PLANT								
71	(389) Land and land rights.....	1 175 560.07	2 250.00	200.00			(41 256.02)	1 136 354.05	
72	(390) Structures and improvements.....	15 042 606.12	414 340.78	59 194.07			1 092.78	15 398 845.61	
73	(391) Office furniture and equipment.....	2 623 632.96	332 921.39	23 684.04			(3 290.75)	2 929 579.56	
74	(392) Transportation equipment.....	9 779 013.60	1 369 661.42	654 555.57			(65 976.63)	10 428 142.82	
75	(393) Stores equipment.....	523 079.32	27 152.80	6 596.72			1 597.39	545 232.79	
76	(394) Tools, shop and garage equipment.....	2 006 305.72	261 037.07	170 291.48			65 976.63	2 163 027.94	
77	(395) Laboratory equipment.....	687 616.26	77 221.66	19 691.69			487.68	745 633.91	
78	(396) Power operated equipment.....								
79	(397) Communication equipment.....	8 533 743.16	470 491.77	64 091.44			1 017.81	8 941 161.30	
80	(398) Miscellaneous equipment.....	106 626.13	27 960.19	19 189.70			931.32	116 327.94	
81	Subtotal.....	40 478 183.34	2 983 037.08	1 017 494.71			(39 419.79)	42 404 305.92	
82	(399) Other tangible property *.....								
83	Total general plant.....	40 478 183.34	2 983 037.08	1 017 494.71			(39 419.79)	42 404 305.92	
84	Total (Accounts 101 and 106).....	918 217 854.50	45 376 445.39	9 634 045.31			-0-	953 960 254.58	
85	(102) Electric plant purchased **.....						()	()	
86	(102) Electric plant sold **.....	()	()				()	()	
87	Experimental Electric Plant Unclassified.....								
88	Total electric plant in service.....	918 217 854.50	45 376 445.39	9 634 045.31			-0-	953 960 254.58	

* State the nature and use of plant included in this account and if substantial in amount submit a supplementary schedule showing sub-account classification of such plant conforming to the requirements of this schedule.

** For each amount comprising the reported balance and changes in Account 102, state the property purchased or sold, name of vendor or purchaser, and date of transaction. If proposed journal entries have been filed with the Commission as required by the Uniform System of Accounts, give also date of such filing.

NOTE

Completed Construction Not Classified, Account 106, shall be classified in this schedule according to prescribed accounts, on an estimated basis if necessary, and the entries included in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (c). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, a tentative distribution of such retirements, on an estimated basis

with appropriate contra entry to the account for accumulated depreciation provision, shall be included in column (d). Include also in column (d) reversals of tentative distributions of prior year of unclassified retirements. Attach an insert page showing the account distributions of these tentative classifications in columns (c) and (d) including the reversals of the prior years tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

ELECTRIC PLANT HELD FOR FUTURE USE (Account 105)

1. Report separately each property held for future use at end of the year having an original cost of \$100,000 or more. Other items of property held for future use may be grouped provided that the number of properties so grouped is indicated.
 2. For property having an original cost of \$100,000 or more previously used in utility operations, now held for future use, give, in addition to other required information, the date that utility use of such property was discontinued, and the date the original cost was transferred to Account 105.

Line No.	Description and Location of Property (a)	Date Originally Included in This Account (b)	Date Expected to be used in Utility Service (c)	Balance end of Year (d)
1	Land and land rights:			\$
2	W. C. MacInnes Power Plant Site-North of Hillsborough/Manatee County Line, West of Highway 41	1967	1989	1 931 411
3				
4				
5				
6	Transmission Line Right of Way From W. C. MacInnes Power Plant Site-North of Hillsborough/Manatee County Line, West of Highway 41	1967	1989	828 208
7				
8				
9				
10				
11	Phosphate Area Transmission Right of Way North of Hillsborough/Manatee County Line, West of Highway 301, East of U.S. Highway 41.	1973	After 1990	387 147
12				
13				
14				
15				
16	Transmission Substation Sites-Located throughout Company's Service Area(11sites)	1971	After 1990	705 750
17				
18	Distribution Substation Sites-Located throughout Company's Service Area(44sites)	1971	After 1990	639 835
19				
20				
21	Power Plant Site X-South of S.R. 60, West of Pleasant Grove Rd., North of Durant Rd. in Hillsborough Cty.	1973	Indeterminate	486 262
22				
23				
24				
25	Big Bend 4-Flyash Settling Pond West of Highway 41, South of Big Bend Station in Hillsborough County	1979	1985	2 109 933
26				
27				
28				
29	Three Parcels of Land	1973,74&77	Various	33 173
30				
31	Other Property:			
32				
33	Gannon Unit 4 Coal Handling Equipment Utility Use Discontinued 9/8/74	1975	1983 thru 1986	474 471
34				
35				
36	Gannon Unit 3 Coal Handling Equipment Utility use Discontinued 9/2/75	1975	1983 thru 1986	436 466
37				
38				
39	Gannon Unit 2 Coal Handling Equipment Utility Use Discontinued 3/2/76	1976	1983 thru 1986	350 766
40				
41				
42	Gannon Unit 1 Coal Handling Equipment Utility Use Discontinued 5/2/76	1976	1983 thru 1986	365 845
43				
44				
45				
46				
47				
48				
	TOTAL --			8 749 267

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED—ELECTRIC (Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.

Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 401-403, according to a tentative classification by primary accounts.

2. The information specified by this schedule for Account 106, Completed Construction Not Classified-

3. Show items relating to "research and development" projects last under a caption Research and Development: (See account 107, Uniform System of Accounts).

4. Minor projects may be grouped.

Line No.	Description of Project (a)	Construction Work in Progress—Electric (Account 107) (b)	Completed Construction Not Classified—Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
1	CO ₂ Fire Protection - Gannon	D29 * 441	\$ 1,027,037	\$ -0-
2	Big Bend Waste Water Treatment	D75 * -0-	3,286,018	-0-
3	Hookers Pt #2 Turb Casing & Blade Repl	D78 99,921	675,352	2,163
4	Ohio Sub Trf & Ohio Gn 230KV Line	E61 68,749	5,414,932	1,406
5	Big Bend Ut. No. 4 450 MW	F05 13,342,480	-0-	309,711,622
6	Big Bend #2 Boiler Modification	F77 176,322	500,719	461,092
7	Hookers Pt #5 Extracting Htr #2	G03 * -0-	127,290	-0-
8	Hookers Pt #2 Superheater	G21 187,154	-0-	60,413
9	Mulberry 13 KV Circuit	G24 * -0-	71,721	-0-
10	BB #2 Sootblower Addition	G30 376,553	-0-	70,999
11	BB #3 Sootblower Addition	G31 * -0-	391,467	-0-
12	Skyway Substation New 13 KV Circuit	G32 25,597	1,766	79
13	Clearview Substation 138 KV Addn	G33 75,161	-0-	2,850
14	Juneau Transformer & Circuit	G36 * -0-	211,520	-0-
15	BB Sub & Line F/Reserve Transf.	G62 * -0-	693,552	-0-
16	BB Bulldozer	G63 25,139	-0-	276,045
17	I-75 Relocation—Sect. 10075-1402	G66 * -0-	66,835	-0-
18	USF Substation New 13 KV Circuit	G68 1,237	-0-	114,028
19	Gan. Sta. Reserve Transformer #3	G69 -0-	707,926	121,680
20	I-75 Relocation - Sect. 10075-1403	G70 12,212	-0-	76,617
21	I-75 Relocation - Sect. 10075-2420	G71 38,636	19,663	2,525
22	I-75 Relocation - Sect. 10075-2404	G72 234,661	-0-	342,091
23	I-75 Relocation - Sect. 10075-3421	G73 7,555	-0-	103,368
24	I-75 Relocation - Sect. 10075-2405	G74 79,055	16,504	6,478
25	Hookers Pt #5 Combustion Controls	G79 54,166	-0-	23,052
26	BB #3 Computer Improvement	G82 108,905	-0-	138,911
27	BB #2 Boiler Furnace Arch Tubes	G90 57,835	-0-	54,963
28	BB Coal Field Maintenance Shop	G91 * -0-	189,162	-0-
29	BB Boiler Crew Maintenance Shop	G92 * -0-	211,743	-0-
30	BB #4 SO ₂ Removal System	G93 759,262	-0-	92,844,520
31	Ohio-Gannon Sub Addition	H13 413,715	-0-	54,124
32	Gan. Assembly—Shower & Locker Room	H32 23,908	-0-	317,268
33	BB Buffer Land	H53 -0-	1,056,885	808,804
34	Gan. Upgrade Lighting	H57 -0-	101,673	28,290
35	Gan. Water Fire Protection	H62 -0-	1,861,820	48,789
36	Gan. Ventilation Upgrade	H64 399,810	-0-	142,978
37	BB Reserve Sta. Transformer #1	H94 * -0-	572,427	-0-
38	Mobile 2nd Relocation—Line 230004&5	H97 8,024	-0-	441,429
39	Henry George - Keysville Reconduct	J02 * -0-	48,273	-0-
40	Keysville Road - Reconduct	J03 58,667	-0-	28,114
41				
42	TOTAL			

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED—ELECTRIC (Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.

Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 401-403, according to a tentative classification by primary accounts.

3. Show items relating to "research and development" projects last under a caption Research and Developments (See account 107, Uniform System of Accounts).

2. The information specified by this schedule for Account 106, Completed Construction Not Classified-

4. Minor projects may be grouped.

Line No.	Description of Project	Construction Work in Progress—Electric (Account 107)	Completed Construction Not Classified—Electric (Account 106)	Estimated Additional Cost of Project
	(a)	(b)	(c)	(d)
1	Gan.1,2&3 Scrnwl Crane Cntl Hse&Eqp J08	\$ 102,668	\$ -0-	\$ 96,549
2	Energy Control System J11	529,608	-0-	20,123,825
3	Gan. Aux Steam to APH Sootblowers J15	73,348	-0-	200,621
4	Gan. #4 Turb. HP Rotating Blades J16	* -0-	100,008	-0-
5	I-75 Relocation-Sect. 10075-2423 J17	14,084	-0-	1,826
6	I-75 Relocation-Sect. 10075-2407 J18	2,283	-0-	93,082
7	I-75 Relocation-Sect. 10075-2422 J19	407	-0-	12,523
8	I-75 Relocation-Sect. 10075-2406 J20	4,628	-0-	110,307
9	Gan. #3 Reserve Transf. 69KV Line J22	* -0-	142,180	-0-
10	Data Acquisition Sys-Wtr.Haven Disp J26	-0-	61,557	3,980
11	Gan. #5 & #6 Boiler Shop Building J28	* -0-	145,503	-0-
12	Gan. Screenwell & Fuels Main Shop J29	* -0-	246,266	-0-
13	Cypress Gardens Blvd. Reconduct J30	140,737	-0-	436
14	Lake Alfred Cir 13117-Polk Cty Tie J33	-0-	89,972	9,438
15	Load Research - Cost of Service J34	-0-	105,390	1,548
16	Prod. Services Admin Bldg & Land J39	1,349,795	-0-	24,049
17	Production Warehouse J40	69,122	-0-	2,655,504
18	Production Building Services J41	-0-	-0-	153,371
19	Prod. Transportation Service Bldg J42	496	-0-	90,279
20	TMC Machine/Fab. Shop&Storage Bldg J43	5,266	-0-	1,263,115
21	Gan. #5 Exciter Replacement J44	* -0-	257,780	-0-
22	Hookers Pt. Sta.Gen.UnitControllers J45	81,786	-0-	5,697
23	Gan. Sta. Gen Unit Controllers J46	128,231	-0-	4,532
24	Big Bend Sta. Gen Unit Controllers J47	88,273	-0-	3,959
25	Tampa Sports Authority-Tpa Stadium J49	* -0-	75,167	-0-
26	Lois Ovhd Line Conversion J52	* -0-	14,617	-0-
27	Coolidge - Waters Ave. Reconduct J53	8,003	-0-	640
28	El Prado Line Conversion J54	* -0-	12,980	-0-
29	Oldsmar Line Conversion J55	* -0-	71,468	-0-
30	Osborne Line Conversion J56	26,116	36	45,386
31	11th Ave. - Maritime Reconductor J57	1,106	-0-	38,146
32	Marietta Line Conversion J58	* -0-	39,194	-0-
33	Belmont Line Conversion J60	-0-	13,132	2,188
34	Lakewood 13 KV Circuit J61	* -0-	90,232	-0-
35	Plant City 13 KV Circuit J62	10,791	9,019	1,162
36	Hopewell 69/13KV Transf.& 13KV Circ J63	* -0-	217,361	-0-
37	Mulberry - Circ 13009 Reconduct J64	* -0-	57,613	-0-
38	Ariana 13 KV Reconduct J65	* -0-	63,881	-0-
39	South Eloise 13 KV Reconductor J66	-0-	529	-0-
40	Lake Silver 13KV Line Reconductor J67	* -0-	42,433	-0-
41				
42	TOTAL			

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED—ELECTRIC (Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.

2. The information specified by this schedule for Account 106, Completed Construction Not Classified-

Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 401-403, according to a tentative classification by primary accounts.

3. Show items relating to "research and development" projects last under a caption Research and Development (See account 107, Uniform System of Accounts).

4. Minor projects may be grouped.

Line No.	Description of Project (a)	Construction Work in Progress—Electric (Account 107) (b)	Completed Construction Not Classified—Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
1	IMC Circuit 230601 Relocation J68	\$ * -0-	\$ 116,603	\$ -0-
2	Ft. Lonesome 230007 Circ.Relocation J69	* -0-	199,331	-0-
3	Fort Green Metering Sta. Relocation J70	* -0-	44,120	20
4	Gan.No.2-GasDucts toStack InsulRepl J72	863	-0-	14
5	Gan-Cntrl Wtr Analysis&Sampling Sta J73	17,528	-0-	194,463
6	Hookers Point No.3 Turbine Blades J74	-0-	-0-	118,082
7	Washington StreetNetwork Conversion J77	140,737	-0-	1,148
8	Whiting Street Duct Line J78	7,707	-0-	25
9	Manhattan Dist. Line Improvements J79	1,282	-0-	69,663
10	Gan.Emergency Power System Upgrade J80	102,672	-0-	98,027
11	Interim A.G.C. System J82	403,877	-0-	11,967
12	BB Power Feed for Welding Equip. J83	* -0-	204,485	-0-
13	BB Fence & Employee Parking J84	4,537	-0-	319,090
14	BB3 Precipitator Curtain Stiffeners J85	138,137	-0-	186,736
15	BB M-1 Conveyor Belt Replace J86	25	-0-	45,729
16	McKay Bay Rebuild Circ. 66008&9 J88	* -0-	61,798	-0-
17	Gan.#4 Cooling Tower for Aux Eqp. J89	50,830	-0-	339,145
18	Pasco Packing Substation J90	* -0-	13,634	-0-
19	BB Clamshell Coal Unloader J92	63,048	-0-	3,404,761
20	I-75 Relocation Sect. 10075-6408 J93	1,439	-0-	36,133
21	I-75 Relocation Sect. 10075-6424 J94	1,082	-0-	47,224
22	I-75 Relocation Sect. 10075-6425 J96	-0-	-0-	44,652
23	I-75 Relocation Sect. 10075-6417 J97	2,705	-0-	250,936
24	I-75 Relocation Sect. 10075-3426 J98	3,817	-0-	72,745
25	I-75 Relocation Sect. 10075-6427 J99	3,302	-0-	39,524
26	I-75 Relocation Sect. 10075-6419 K01	2,916	-0-	32,871
27	Crosstown Expressway at Jefferson K03	1,249	-0-	49,918
28	Crosstown Expressway at Whiting K04	668	-0-	49,581
29	Crosstown Expressway at Division K05	1,144	-0-	82,891
30	Crosstown Expressway at 13th St. K06	1,429	-0-	60,114
31	Crosstown Expressway at Perry K07	-0-	-0-	50,593
32	Crosstown Expressway at 19th St. K08	552	-0-	50,547
33	Crosstown Expressway at 22nd St. K09	-0-	-0-	80,615
34	Crosstown Expressway at 26th St. K10	-0-	-0-	10,252
35	Crosstown Expressway at 26th St. K11	492	-0-	50,604
36	Crosstown Expressway at 34th St. K13	366	-0-	35,003
37	Crosstown Expressway at 43rd St. K14	1,259	-0-	9,202
38	Crosstown Expressway at 43rd St. K15	1,047	-0-	80,003
39	Crosstown Expressway atPalmRiver Rd K16	-0-	-0-	50,593
40	Crosstown Expressway at Clair Mel K17	286	-0-	40,431
41				
42	TOTAL			

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED—ELECTRIC (Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.

2. The information specified by this schedule for Account 106, Completed Construction Not Classified—

Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 401-403, according to a tentative classification by primary accounts.

3. Show items relating to "research and development" projects last under a caption Research and Development (See account 107, Uniform System of Accounts).

4. Minor projects may be grouped.

Line No.	Description of Project (a)	Construction Work in Progress—Electric (Account 107) (b)	Completed Construction Not Classified—Electric (Account 106) (c)	Estimated Additional Cost of Project (d)				
1	Crosstown Expsrwy at Palm River Rd K16	\$ -0-	\$ -0-	\$ 50,593				
2	Crosstown Expressway at Clair Mel K17	286	-0-	40,431				
3	Clarkwild 13460 Reconduct K21	407	-0-	85,762				
4	Hampton South 13 KV Circuit K22	1,160	-0-	185,888				
5	11th Ave. Circuit 13176 K23	1,194	-0-	65,167				
6	BB 3 Boiler Performance Corrections K24	343,017	-0-	192,770				
7	13th Street Pumping Station K25	*	30,045	-0-				
8	25th Street Pumping Station K26	3,146	-0-	10				
9	Central Crosstown Expressway K28	60,846	-0-	80,465				
10	Central/Eastern Crosstown Expsrwy K29	3,036	-0-	47,173				
11	Eastern Crosstown Expressway K30	2,800	-0-	69,312				
12	BB Coal Blending & Handling System K34	35,000	-0-	1,629,274				
13	Carrollwood Vil. Sub 13KV N Circuit K36	37,727	-0-	172,696				
14	Cathodic Protection System K39	*	46,726	-0-				
15	Gan. 6 Generator Stator Winding K41	293,516	-0-	272,423				
16	BB Aux Steam to A/P Sootblowers K42	2,629	-0-	336,719				
17	Baycourt Substation K43	*	29,960	-0-				
18	Big Bend Turb Lube Oil Conditioner K44	11,190	-0-	251,981				
19	Brandon Sub & 13 KV Circuit K46	19,009	-0-	412,848				
20	Res'l Load Info-PURPA Sub Part D K47	68,917	-0-	5,143				
21	Big Bend 1 Boiler Tube Modification K48	247	-0-	471,083				
22	Tampa Bay Circuit K49	18,913	-0-	85,150				
23	Patterson Rd. Sub & Circuits K52	4,440	-0-	462,109				
24	Reconductor SR 574 & So. Seffner K62	27,109	-0-	60,861				
25	Ariana New 13 KV Circuit K65	2,501	-0-	53,547				
26	Walden Lake Feeder K67	489	-0-	72,287				
27	Gn. Sta. Transf. Oil Spill Contain. K68	6,140	-0-	34,592				
28	Gn. Water & Fuels/Labor Shop K70	-0-	-0-	80,882				
29	Gn. 480 V Welding Outlets K71	679	-0-	116,936				
30	BB 4 Waste Water Treatment K72	12,811	-0-	1,601,873				
31	Gn. 5 Bo Furn. Rear Wtr Wall Replace. K73	1,285	-0-	479,146				
32	BB Compressed Air System Upgrade K75	23,793	-0-	13,697				
33	BB1 Seal Air Sys F/Suprhrtr Hdr Encl K77	9,201	-0-	156,237				
34	Gan. 5&6 Sequence of Events Recorder K78	1,166	-0-	103,007				
35	BB Stacker Reclaimer Slew Bearing K82	-0-	-0-	200,000				
36	*Job left open to review the transactions and to provide for additional costs during 1980 that were not anticipated during budgeting period. Most of these projects are substantially complete and will be closed early in 1980.							
37								
38								
39								
40								
41								
42	TOTAL	21,219,277	19,857,305	445,039,201				

ANNUAL REPORT OF TAMPA ELECTRIC COMPANY
YEAR ENDED DECEMBER 31, 1979

Tentative Classification of Account 106, Completed Construction Not Classified at December 31, 1979, and the Reversal of Account 106 as of December 31, 1978.

<u>Primary Plant Account</u>	<u>Classification Account 106 as of 12/31/79</u>	<u>Reversal of Account 106 Classification as of 12/31/78</u>	<u>Net Change In Account 106 to Column C</u>
310	\$ 1,056,884.89	\$ (936,492.30)	\$ 120,392.59
311	6,865,340.67	(13,053,818.36)	(6,188,477.69)
312	1,169,026.25	(28,125,273.01)	(26,956,246.76)
314	1,023,349.74	(1,757,616.81)	(734,267.07)
315	1,542,672.31	(7,654,620.49)	(6,111,948.18)
316	4,195.48	(135,596.37)	(131,400.89)
35001	38,434.40	(39,033.17)	(598.77)
353	1,426,009.87	(982,946.29)	443,063.58
354	114,358.41	-0-	114,358.41
355	3,673,328.10	(51,634.60)	3,621,693.50
356	1,403,018.24	(106,405.25)	1,296,612.99
35601	1,127.70	(1,200.19)	(72.49)
359	4,909.18	(4,823.59)	85.59
362	257,376.06	(67,979.37)	189,396.69
364	159,308.25	(2,986.63)	156,321.62
365	595,423.45	(12,985.45)	582,438.00
366	61,870.99	(8,257.15)	53,613.84
367	84,070.04	(103,141.28)	(19,071.24)
368	188,482.15	(142.25)	188,339.90
370	105,390.46	-0-	105,390.46
373	295.15	-0-	295.15
390	-0-	(79,248.77)	(79,248.77)
391	-0-	(1,096.70)	(1,096.70)
397	82,433.39	(12,677.58)	69,755.81
	<u>\$19,857,305.18</u>	<u>\$(53,137,975.61)</u>	<u>\$(33,280,670.43)</u>

ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT (Account 108)

1. Report below the information called for concerning accumulated provision for depreciation of electric utility plant.
2. Explain any important adjustments during year.
3. Explain any difference between the amount for book cost of plant retired, line..., column (c), and that reported in the schedule for electric plant in service, pages 401-403, column (d) exclusive of retirements of nondepreciable property.
4. The provisions of account 108 in the

Uniform System of Accounts contemplate that retirements of depreciable plant be recorded when such plant is removed from service. If the respondent has a significant amount of plant retired at year end which has not been recorded and/or classified to the various reserve functional classifications, preliminary closing entries should be made to tentatively functionalize the book cost of the

plant retired. In addition, all cost included in retirement work in progress at year end should be included in the appropriate functional classifications.

5. Show separately interest credits under a sinking fund or similar method of depreciation accounting.

6. In section B show the amounts applicable to prescribed functional classifications.

A. Balances and Changes During Year

Line No.	Item (a)	Total (b)	Electric plant in service (c)	Electric plant held for future use (d)	Electric plant leased to others (e)
1	Balance beginning of year.....	\$ 188 432 841	\$ 187 498 095	\$ 934 746	\$
2	Depreciation provisions for year, charged to:				
3	(403) Depreciation expense.....	32 183 775	32 183 775		
4	(413) Expenses of electric plant leased to others.....				
5	Transportation expenses-clearing.....	946 231	946 231		
6	Other clearing accounts.....				
7	Other accounts (specify):				
8					
9	Total Depreciation Provisions for year.....	33 130 006	33 130 006		
10	Net charges for plant retired:				
11	Book cost of plant retired.....	9 634 045	9 634 045		
12	Cost of removal.....	1 087 235	1 087 235		
13	Salvage (credit).....	(5 463 485)	(5 463 485)		
14	Net charges for plant retired.....	5 257 795	5 257 795		
15	Other debit or credit items (describe):				
16					
17	BALANCE END OF YEAR..	216 305 052	215 370 306	934 746	

B. Balances at End of Year According to Functional Classifications

18	Steam production.....	125 498 450	124 563 704	934 746	
19	Nuclear production.....				
20	Hydraulic production—Conventional.....				
21	Hydraulic production—Pumped Storage.....				
22	Other production.....	4 214 876	4 214 876		
23	Transmission.....	22 503 399	22 503 399		
24	Distribution.....	52 910 408	52 910 408		
25	General.....	11 177 919	11 177 919		
26	TOTAL..	216 305 052	215 370 306	934 746	

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TAMPA ELECTRIC COMPANY

Year ended December 31, 1979

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ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
 2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.
 3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes,

one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.
 4. Unmetered sales should be included below. The de-

tails of such sales should be given in a footnote.

5. Classification of Commercial and Industrial Sales, Account 442, according to Small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater generally than 1000 Kw of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Account (a)	OPERATING REVENUES		KILOWATT-HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH	
		Amount for year (b)	Increase or decrease from preceding year (c)	Amount for year (d)	Increase or decrease from preceding year (e)	Number for year (f)	Increase or decrease from preceding year (g)
1	SALES OF ELECTRICITY	\$	\$				
2	440 Residential sales	171,983,523	15,404,331	3,324,791,563	11,936,493	270,939	11,968
3	442 Commercial and industrial sales:						
4	Small (or commercial) see instr. 5	102,169,531	12,047,112	2,083,973,708	53,953,135	30,640	1,414
5	Large (or industrial) see instr. 5	138,151,354	17,689,958	4,100,968,911	21,178,045	558	(18)
6	444 Public street and highway lighting	3,401,438	330,497	36,575,748	955,237	70	52
7	445 Other sales to public authorities	25,833,365	3,364,335	594,795,271	18,433,880	2,326	101
8	446 Sales to railroads and railways						
9	448 Interdepartmental sales						
10	Total sales to ultimate consumers	441,539,211	48,836,233	10,141,105,201	106,456,790	304,533	13,517
11	447 Sales for resale	11,347	(99,997)	258,300	(2,790,900)	0	(1)
12	Total sales of electricity	441,550,558	48,736,236	10,141,363,501	103,665,890	304,533	13,516
13	OTHER OPERATING REVENUES						
14	450 Forfeited discounts						
15	451 Miscellaneous service revenues	1,363,384	147,327				
16	453 Sales of water and water power						
17	454 Rent from electric property	1,503,671	16,904				
18	455 Interdepartmental rents						
19	456 Other electric revenues	477,886	75,781				
20							
21							
22							
23							
24	Total other operating revenues	3,344,941	240,012				
25	Total electric operating revenues	444,895,499	48,976,248				

* For amounts relating to unbilled revenue by accounts, see pages 410, 411, and 414.

1/ Includes \$ None unbilled revenues.

2/ Includes None Kwh relating to unbilled revenues.

List here the total number of "All Electric" customers (estimated where not known)(not subject to audit certification):

(See page 108 Important Changes During the Year, for important new territory added and important rate increases or decreases)

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SALES OF ELECTRICITY—BY COMMUNITIES

1. Report below the information called for concerning sales of electricity in each community of 10,000 population or more, or according to operating districts or divisions constituting distinct economic areas if the respondent's records do not readily permit reporting by communities. If reporting is not by communities, the territory embraced within the reported area shall be indi-

cated. Except for state boundaries, community areas need not hold rigidly to political boundaries and may embrace a metropolitan area and immediate environs. The information called for by this schedule, however, may be reported by individual communities of such size as required by a state regulatory commission concerned.

Line No.	Community (a)	RESIDENTIAL SALES (Account 440)			COMMERCIAL AND INDUSTRIAL SALES (Account 442)		
		Operating revenues (b)	Kilowatt-hours sold (c)	Av. No. of cust. per month (d)	Operating revenues (e)	Kilowatt-hours sold (f)	Av. No. of cust. per month (g)
1	Tampa	\$127,830,079	2,474,619,195	196940	\$116,151,942	2,642,846,992	21492
2	Polk County	19,186,972	369,118,202	31117	14,899,951	324,840,518	3797
3	Plant City	13,196,665	254,797,865	21526	91,503,523	2,746,392,561	2842
4	Pasco County	3,463,234	66,149,610	6345	4,673,897	114,961,403	1097
5	So. Hillsboro	8,306,573	160,106,691	15011	13,091,572	355,901,145	1970
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36							
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41							
42	Total billed	171,983,523	3,324,791,563	270939	240,320,885	6,184,942,619	31198
43	Total unbilled revenue *						
44							
45	Total	171,983,523	3,324,791,563	270939	240,320,885	6,184,942,619	31198

* Report amount of unbilled revenue as of end of year 210

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SALES OF ELECTRICITY—BY COMMUNITIES (Continued)

2. The information to be shown below should be on the same basis as provided in Schedule entitled "Electric Operating Revenues," page 409.

3. Provide a subheading for sales in each State, also a total for each State of sales not required by this schedule to be reported for each community.

4. The totals for Accounts 440, 442, 444, and 445 should agree with the amounts for those accounts shown in Schedule entitled "Electric Operating Revenues."

PUBLIC STREET AND HIGHWAY LIGHTING (Account 444)			OTHER SALES TO PUBLIC AUTHORITIES (Account 443)			TOTAL			Line No.
Operating revenues (h)	Kilowatt-hours sold (i)	Av. No. cust. per month (j)	Operating revenues (k)	Kilowatt-hours sold (l)	Av. No. cust. per month (m)	Operating revenues (n)	Kilowatt-hours sold (o)	Av. No. of cust. per month (p)	
\$2,872,564	30,960,965	41	\$21,406,800	508,592,925	1,489	\$268,261,385	5,657,020,077	219,962	1
249,163	2,674,228	11	2,005,974	39,039,559	395	36,342,060	735,672,507	35,320	2
166,087	1,790,376	8	1,227,377	22,868,720	262	106,093,652	3,025,849,522	24,638	3
50,616	514,554	3	549,594	10,226,384	111	8,737,341	191,851,951	7,556	4
63,008	635,625	7	643,620	14,067,683	69	22,104,773	530,711,144	17,057	5
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3,401,438	36,575,748	70	25,833,365	594,795,271	2,326	441,539,211	10,141,105,201	304,533	42
									43
									44
3,401,438	36,575,748	70	25,833,365	594,795,271	2,326	441,539,211	10,141,105,201	304,533	45

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.
 2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (b) thus: FP, for firm power supplying total system requirements of customer or total requirements at a specific point of delivery; FP(C), for firm power supplying total system requirements of customer or total requirements at a specific point of delivery with credit allowed customer for available standby; FP(P), for firm power supplementing customer's own generation or other purchases; DP, for dump power. (), for other. Place an "x" in column (c) if sale involves export across a state line. Group together sales coded "x" in column (c) by state (or county) of origin, providing a subtotal for each state (or county) of delivery in columns (l) and (p), suitably identified in column (e).
 3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).
 4. If delivery is made at a substation indicate ownership in column (f), thus: respondent owned or leased, RS; customer owned or leased, CS.

customer's own generation or other purchases; DP, for dump power. (), for other. Place an "x" in column (c) if sale involves export across a state line. Group together sales coded "x" in column (c) by state (or county) of origin, providing a subtotal for each state (or county) of delivery in columns (l) and (p), suitably identified in column (e).
 3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).
 4. If delivery is made at a substation indicate ownership in column (f), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to (a)	Statistical Classification (b)	Export across State lines (c)	F. P. C. Rate Schedule No. (d)	Point of Delivery (e)	Substation (f)	Kw or Kva of Demand (Specify which)		
							Contract demand (g)	Average monthly maximum demand (h)	Annual maximum demand (i)
1	Seminole Electric	F.P.		WR-1	SR-674 @Polk CoLine		600	900	900
2									
3									
4									
5									
6									
7									
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SALES FOR RESALE (Account 447) (Continued)

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (g). The number of kilowatts of maximum demand to be shown in column (h) and (i) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (j) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amounts entered in column (o) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of demand reading (j)	Voltage of which delivered (k)	Kilowatt-hours (l)	REVENUE				Revenue per kw-h (q)	Line No.
			Demand Charges (m)	Energy (n)	Other Charges (o)	Total (p)		
30 Min.	13 800	258,300	\$ 6,533	\$ 3,042	\$ 1 772	\$ 11,347	Cents 4.39	1
								2
								3
								4
								5
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								42
								43
								44

SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the Kwh of electricity sold, revenue, average number of customers, average Kwh per customer, and average revenue per Kwh.

2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in Schedule entitled "Electric Operating Revenues," page 409. If the sales under any rate schedule are classified in more than one revenue account list the rate schedule and sales data under each applicable revenue account subheading.

3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.

4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).

5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.

Line No.	Number and Title of Rate Schedule (a)	Kwh Sold (b)	Revenue (c)	Average Number of Customers (d)	Kwh of Sales per Customer (e)	Revenue per Kwh Sold (f) Cents
1	<u>Residential</u>		\$			
2	Schedule I Residential	3,310,646,665	170,382,562	270,925	12 220	4.70
3	96 Area Lights	14,144,898	1,600,961	22,493		11.32
4				(22,479)	Dupl.	
5	TOTAL	3,324,791,563	171,983,523	270,939		5.17
6						
7						
8	<u>Fuel Adj-Incl in Above</u>					
9	Schedule I Residential		20,042,400			
10	96 Area Lights		83,839			
11	TOTAL		20,126,239			
12						
13	<u>Commercial & Industrial</u>					
14	Schedule I Residential	3,684,703	1,809,816	1 642	22,341	4.93
15	25 Sm. Lt & Pwr	541,400,584	32,779,001	26 951	20,088	6.05
16	36 Lg. Lt & Pwr	3,875,595,859	148,044,969	2 577	1,504,306	3.82
17	37 Interruptible					
18	Mining	1,435,745,153	46,754,061	10	43,574,515	3.26
19	39 Interruptible					
20	Furnace	262,044,153	8,035,559	3	87,348,051	3.07
21	95 Temp Serv	931,574	35,109	0		3.77
22	96 Area Lights	31,540,593	2,862,371	19 293		9.08
23				(19 278)	Dupl.	
24	TOTAL	6,184,942,619	240,320,886	31 198	198,248	3.89
25						
26	<u>Fuel Adj-Inc in Above</u>					
27	Schedule I Residential		223,950			
28	25 Am Lt & Pwr		3,290,384			
29	36 Lg Lt & Pwr		13,111,681			
30	37 Interruptible					
31	Mining		8,513,602			
32	39 Interruptible					
33	Furnace		1,496,858			
34	96 Area Lights		187,578			
35	TOTAL		26,824,053			
36						
37						
38						
39						
40						
41						
42	Total billed					
43	Total unbilled revenue *					
44	Total					

*Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the Kwh of electricity sold, revenue, average number of customers, average Kwh per customer, and average revenue per Kwh.

2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in Schedule entitled "Electric Operating Revenues," page 409. If the sales under any rate schedule are classified in more than one revenue account list the rate schedule and sales data under each applicable revenue account subheading.

3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.

4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).

5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.

Line No.	Number and Title of Rate Schedule (a)	Kwh Sold (b)	Revenue (c)	Average Number of Customers (d)	Kwh of Sales per Customer (e)	Revenue per Kwh Sold (f) Cents
1	<u>Street Lighting</u>		\$			
2	Schedule 86 & 89	36,575,748	3,401,437	70	522,511	9.30
3						
4	<u>Fuel Adj-inc. in above</u>		216,227			
5						
6						
7	<u>Other Public Authorities</u>					
8	Schedule I Residential	974,399	47,490	45	21,653	4.87
9	25-Sm Lgt & Pwr	49,801,711	3,044,363	1,878	26,518	6.11
10	36-Lg Lgt & Pwr	539,318,160	22,349,836	400	1,348,295	4.14
11	96-Area Lts.	4,701,001	391,676	3	1,567,000	8.33
12	TOTAL	594,795,271	25,833,365	2,326	255,716	4.34
13						
14						
15						
16	<u>Fuel Adj-Incl. in Above</u>					
17	Schedule I Residential		5,845			
18	25-Sm Lgt & Pwr		300,988			
19	36-Lg Lgt & Pwr		3,250,802			
20	96-Area Lights		28,268			
21	TOTAL		3,585,903			
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42	Total billed	10,141,105,201	441,539,211	304,533		
43	Total unbilled revenue *	None	None			
44	Total	10,141,105,201	441,539,211	304,533		

*Report amount of unbilled revenue as of end of year 414 -A for each applicable revenue account subheading.

SALES TO RAILROADS AND RAILWAYS AND INTERDEPARTMENTAL SALES (Accounts 446, 448)

1. Report particulars concerning sales included in Accounts 446 and 448. may be grouped.
2. For Sales to Railroads and Railways, Account 446, give name of railroad or railway in addition to other required information. If contract covers several points of delivery and small amounts of electricity are delivered at each point, such sales
3. For Interdepartmental Sales, Account 448, give name of other department and basis of charge to other department in addition to other required information.
4. Designate associated companies.
5. Provide subheading and total for each account.

Line No.	Item (a)	Point of delivery (b)	Kilowatt-hours (c)	Revenue (d)	Revenue per kw/h (e)
1				\$	Cents
2					
3					
4					
5					
6					
7					
8					
9					

RENT FROM ELECTRIC PROPERTY AND INTERDEPARTMENTAL RENTS (Accounts 454, 455)

1. Report particulars concerning rents received included in Accounts 454 and 455. the amount included in this account represents profit or return on property, depreciation, and taxes, give particulars and the basis of apportionment of such charges to Account 454 or 455.
2. Minor rents may be grouped by classes.
3. If rents are included which were arrived at under an arrangement for apportioning expenses of a joint facility, whereby
4. Designate if lessee is an associated company.
5. Provide a subheading and total for each account.

Line No.	Name of Lessee or Department (a)	Description of property (b)	Amount of revenue for year (c)
31	<u>Account 454</u>		
32	Cities Service Oil Co.	Real Estate Parcel	\$ 30 494
33	Tmp. Ship Repair & Dry Dock	" " "	23 250
34	Council Farms Inc.	" " "	8 691
35	Mineral Aggregates	" " "	7 000
36	W. W. Ragg	" " "	1 200
37	Charles Raburn	" " "	1 069
38	Various R/E Parcels	" " "	29 996
39	2 Miscellaneous	Transformers	225
40	Teleprompter CATV	Pole Attachments	96 444
41	TMP of Lakeland	" "	20 790
42	Polk Cablevision	" "	1 098
43	Florida Cable Video	" "	5 796
44	Warner Cable of Winter Haven	" "	81 063
45	Western Union Telegraph	" "	6
46	Florida Telephone Corp.	" "	22 931
47	General Telephone Co.	" "	925 507
48	Telcom Electronics Corp.	" "	140
49	Honeywell Inc.	Relay	1 812
40	Westinghouse Elec. Corp.	Substation	(6 173)
41	Agrico Chemical Co.	"	26 000
42	C. F. Chemical Co.	Substation	25 866
43	Int. Min. & Chem. Co.	"	35 661
44	Fla. Power & Light Co.	Portion of Tie Line	158 780
45	Fla. Phos. Terminal	Electric Facilities	6 025
46			<u>\$1 503 671</u>
47			
48			
49	<u>Account 455</u>	None	-0-
50			

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Year ended December 31, 1979

SALES OF WATER AND WATER POWER (Account 453)

1. Report below the information called for concerning revenues derived during the year from sales to others of water or water power.
 2. In column (c) show the name of the power development of the respondent supplying the water or water power sold.
 3. Designate associated companies.

Line No.	Name of purchaser (a)	Purpose for which water was used (b)	Power plant development supplying water or water power (c)	Amount of revenue for year (d)
1				\$
2				
3				
4				
5				
6				
7				
8				
9				
10		TOTAL		

MISCELLANEOUS SERVICE REVENUES AND OTHER ELECTRIC REVENUES (Accounts 451, 456)

1. Report particulars concerning miscellaneous service revenues and other electric revenues derived from electric utility operations during year. Report separately in this schedule the total revenues from operation of fish and wildlife and recreation facilities, regardless of whether such facilities are operated by company or by contract concessionaires. Provide a subheading and total for each account. For account 456, list first revenues realized through Research and Development ventures, see account 456.
 2. Designate associated companies.
 3. Minor items may be grouped by classes.

	Name of company and description of service (a)	Am't of Revenue for Year (b)
11	<u>Account 451</u>	\$
12	Miscellaneous Service Revenues	1 363 384
13	Service Charges	
14	<u>Account 456</u>	
15	Sale of Steam	245 560
16	Collection Fee-Florida State Sales Tax	197 062
17	Ash Scales Rent	9 600
18	Energy Analysis	25 695
19	Miscellaneous Other	(31)
20		477 886
21		
22		
23		
24		
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44		
45	TOTAL	

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.

2. If the increases and decreases are not derived from previously reported figures explain in footnotes.

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
		\$	\$
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	<i>Operation</i>		
4	500 Operation supervision and engineering.....	1 210 190	238 632
5	501 Fuel.....	232 533 507	47 964 926
6	502 Steam expenses.....	3 335 507	(7 354)
7	503 Steam from other sources.....		
8	504 Steam transferred—Cr.....		
9	505 Electric expenses.....	2 068 746	141 854
10	506 Miscellaneous steam power expenses.....	3 605 482	611 511
11	507 Rents.....	91 820	44 231
12	Total operation.....	242 845 252	48 993 800
13	<i>Maintenance</i>		
14	510 Maintenance supervision and engineering.....	543 216	135 097
15	511 Maintenance of structures.....	1 361 261	158 539
16	512 Maintenance of boiler plant.....	14 409 027	2 873 929
17	513 Maintenance of electric plant.....	5 712 746	1 318 166
18	514 Maintenance of miscellaneous steam plant.....	882 550	186 724
19	Total maintenance.....	22 908 800	4 672 455
20	Total power production expenses—steam power.....	265 754 052	53 666 255
21	NUCLEAR POWER GENERATION		
22	<i>Operation</i>		
23	517 Operation supervision and engineering.....		
24	518 Fuel.....		
25	519 Coolants and water.....		
26	520 Steam expenses.....		
27	521 Steam from other sources.....		
28	522 Steam transferred—Cr.....		
29	523 Electric expenses.....		
30	524 Miscellaneous nuclear power expenses.....		
31	525 Rents.....		
32	Total operation.....		
33	<i>Maintenance</i>		
34	528 Maintenance supervision and engineering.....		
35	529 Maintenance of structures.....		
36	530 Maintenance of reactor plant equipment.....		
37	531 Maintenance of electric plant.....		
38	532 Maintenance of miscellaneous nuclear plant.....		
39	Total maintenance.....		
40	Total power production expenses—nuclear power.....		
41	HYDRAULIC POWER GENERATION		
42	<i>Operation</i>		
43	535 Operation supervision and engineering.....		
44	536 Water for power.....		
45	537 Hydraulic expenses.....		
46	538 Electric expenses.....		
47	539 Miscellaneous hydraulic power generation expenses.....		
48	540 Rents.....		
49	Total operation.....		
50	<i>Maintenance</i>		
51	541 Maintenance supervision and engineering.....		
52	542 Maintenance of structures.....		

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)			
Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
53	HYDRAULIC POWER GENERATION (Continued)	\$	\$
54	543 Maintenance of reservoirs, dams and waterways.....		
55	544 Maintenance of electric plant.....		
56	545 Maintenance of miscellaneous hydraulic plant.....		
57	Total maintenance.....		
58	Total power production expenses—hydraulic power.....		
59	OTHER POWER GENERATION		
60	<i>Operation</i>		
61	546 Operation supervision and engineering.....		(145)
62	547 Fuel.....	2 368 734	551 199
63	548 Generation expenses.....	24 373	8 440
64	549 Miscellaneous other power generation expenses.....	1 470	811
65	550 Rents.....		
66	Total operation.....	2 394 577	560 305
67	<i>Maintenance</i>		
68	551 Maintenance supervision and engineering.....	(34)	(152)
69	552 Maintenance of structures.....	11 264	(21 599)
70	553 Maintenance of generating and electric plant.....	571 605	388 902
71	554 Maintenance of miscellaneous other power generation plant.....	1 643	(830)
72	Total maintenance.....	584 478	366 321
73	Total power production expenses—other power.....	2 979 055	926 626
74	OTHER POWER SUPPLY EXPENSES		
75	555 Purchased power.....	(3 503 448)	1 332 266
76	556 System control and load dispatching.....		
77	557 Other expenses.....		
78	Total other power supply expenses.....	(3 503 448)	1 332 266
79	Total power production expenses.....	265 229 659	55 925 147
80	TRANSMISSION EXPENSES		
81	<i>Operation</i>		
82	560 Operation supervision and engineering.....	434 409	26 202
83	561 Load dispatching.....	572 099	79 798
84	562 Station expenses.....	463 398	216 290
85	563 Overhead line expenses.....	100 663	29 594
86	564 Underground line expenses.....	5 464	3 642
87	565 Transmission of electricity by others.....		
88	566 Miscellaneous transmission expenses.....	196 063	49 753
89	567 Rents.....	78 007	21 618
90	Total operation.....	1 850 103	426 897
91	<i>Maintenance</i>		
92	568 Maintenance supervision and engineering.....	19 177	2 011
93	569 Maintenance of structures.....	85 090	71 497
94	570 Maintenance of station equipment.....	689 648	198 554
95	571 Maintenance of overhead lines.....	384 981	64 703
96	572 Maintenance of underground lines.....	9 905	9 897
97	573 Maintenance of miscellaneous transmission plant.....	46	46
98	Total maintenance.....	1 188 847	346 708
99	Total transmission expenses.....	3 038 950	773 605
100	DISTRIBUTION EXPENSES		
101	<i>Operation</i>		
102	580 Operation supervision and engineering.....	635 443	52 968
103	581 Load dispatching.....		
104	582 Station expenses.....	336 676	37 621
105	583 Overhead line expenses.....	319 251	40 957
106	584 Underground line expenses.....	116 002	6 420
107	585 Street lighting and signal system expenses.....	204 534	(14 292)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)			
Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
108	DISTRIBUTION EXPENSES (Continued)	\$	\$
109	586 Meter expenses.....	934 238	(71 720)
110	587 Customer installations expenses.....	1 031 198	(8 965)
111	588 Miscellaneous distribution expenses.....	1 490 831	114 618
112	589 Rents.....	88 950	22 711
113	Total operation.....	5 157 123	180 318
114	<i>Maintenance</i>		
115	590 Maintenance supervision and engineering.....	197 531	28 021
116	591 Maintenance of structures.....	22 053	(7 058)
117	592 Maintenance of station equipment.....	664 988	(141 841)
118	593 Maintenance of overhead lines.....	2 770 798	635 477
119	594 Maintenance of underground lines.....	434 756	117 502
120	595 Maintenance of line transformers.....	261 496	(36 267)
121	596 Maintenance of street lighting and signal systems.....	515 074	87 807
122	597 Maintenance of meters.....	155 174	24 751
123	598 Maintenance of miscellaneous distribution plant.....	3 142	1 325
124	Total maintenance.....	5 025 012	709 717
125	Total distribution expenses.....	10 182 135	890 035
126	CUSTOMER ACCOUNTS EXPENSES		
127	<i>Operation</i>		
128	901 Supervision.....	196 746	(983)
129	902 Meter reading expenses.....	1 074 962	164 242
130	903 Customer records and collection expenses.....	4 513 556	981 795
131	904 Uncollectible accounts.....	1 004 149	(187 781)
132	905 Miscellaneous customer accounts expenses.....	285	153
133	Total customer accounts expenses.....	6 789 698	957 426
134	CUSTOMER SERVICE AND INFORMATIONAL EXPENSES		
135	<i>Operation</i>		
136	907 Supervision.....	36 443	3 579
137	908 Customer assistance expenses.....	1 047 342	322 930
138	909 Informational and instructional expenses.....	25 868	(3 129)
139	910 Miscellaneous customer service & informational expenses.....	139	139
140	Total customer service and informational expenses.....	1 109 792	323 519
141	SALES EXPENSES		
142	<i>Operation</i>		
143	911 Supervision.....		
144	912 Demonstrating and selling expenses.....	43 948	287
145	913 Advertising expenses.....		(304)
146	916 Miscellaneous sales expenses.....	500	(100)
147	Total sales expenses.....	44 448	(117)
148	ADMINISTRATIVE AND GENERAL EXPENSES		
149	<i>Operation</i>		
150	920 Administrative and general salaries.....	4 430 692	512 305
151	921 Office supplies and expenses.....	2 132 808	215 957
152	922 Administrative expenses transferred—Cr.....	(1 398 595)	(87 680)
153	923 Outside services employed.....	647 597	132 127
154	924 Property insurance.....	970 549	28 611
155	925 Injuries and damages.....	889 336	(110 193)
156	926 Employee pensions and benefits.....	6 488 588	1 340 444
157	927 Franchise requirements.....		
158	928 Regulatory commission expenses.....	226 249	47 869
159	929 Duplicate charges—Cr.....	()	
160	930.1 General advertising expenses.....	98 848	2 784

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
161	ADMINISTRATIVE AND GENERAL EXPENSES (Continued)	\$	\$
162	930.2 Miscellaneous general expenses -----	2 287 523	283 426
163	981 Rents.....	281 725	93 217
164	Total operation.....	17 055 320	2 458 867
	<i>Maintenance</i>		
165	932 Maintenance of general plant.....	1 750 664	192 586
166	Total administrative and general expenses.....	18 805 984	2 651 453
167	Total Electric Operation and Maintenance Expenses.....	305 200 666	61 521 068
168			

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
169	Power Production Expenses.....	\$	\$	\$
170	Electric Generation:			
171	Steam power.....	242 845 252	22 908 800	265 754 052
172	Nuclear power.....			
173	Hydraulic—Conventional.....			
174	Hydraulic—Pumped Storage.....			
175	Other power.....	2 394 577	584 478	2 979 055
176	Other power supply expenses.....	(3 503 448)	-0-	(3 503 448)
177	Total power production expenses.....	241 736 381	23 493 278	265 229 659
178	Transmission Expenses.....	1 850 103	1 188 847	3 038 950
179	Distribution Expenses.....	5 157 123	5 025 012	10 182 135
180	Customer Accounts Expenses.....	6 789 698		6 789 698
181	Customer Service and Informational Expenses.....	1 109 792		1 109 792
182	Sales Expenses.....	44 448		44 448
183	Adm. and General Expenses.....	17 055 320	1 750 664	18 805 984
184	Total Electric Operation and Maintenance Expenses.....	273 742 865	31 457 801	305 200 666

NUMBER OF ELECTRIC DEPARTMENT EMPLOYEES

Number of electric department employees, payroll period ended October 21, 1979

1. Total regular full-time employees.....	2,422
2. Total part-time and temporary employees.....	35
3. Total employees.....	2,457

The data on number of employees should be reported for the payroll period ending nearest to October 31, or any payroll period ending 60 days before or after October 31.

If the respondent's payrolls for the reported period include any special construction forces include such employees as part-time and temporary employees and show the number of such

special construction employees so included.

The number of employees assignable to the electric department from joint functions of combination utilities may be determined by estimate, on the basis of employee equivalents. Show the estimated number of equivalent employees attributed to the electric department from joint functions.

Handwritten initials and date: 12/27/80

TAMPA ELECTRIC COMPANY

Annual report of.....Year ended December 31, 1979..

LEASE RENTALS CHARGED

1. For purposes of this schedule a "lease" is defined as a contract or other agreement by which one party (lessor) conveys an intangible right or land or other tangible property and equipment to another (lessee) for a specified period of one year or more for rent.

2. Report below, for leases with annual charges of \$25,000 or more, but less than \$250,000 the data called for in columns a, b (description only), f, g and j.

3. For leases having annual charges of \$250,000 or more, report the data called for in all the column below.

4. The annual charges referred to in Instruction 1 and 2 include the basic lease payment and other payments to or in behalf of the lessor such as taxes, depreci-

ation, assumed interest or dividends on the lessor's securities, cost of property replacements* and other expenses with respect to leased property except the expenses of operating and maintaining such leased property. Expenses paid by lessee are to be itemized in column f below.

5. Leases of construction equipment in connection with construction work in progress are not required to be reported herein. Continuous, master or open-end leases for EDP or office equipment, automobile fleets and other equipment that is short-lived and replaced under terms of the lease or for pole rentals shall report only the data called for in columns a, b (description only), f, g and j, unless the lessee has the option to purchase the property.

6. In column (a) report the name of the lessor. List

A. LEASE RENTAL CHARGED TO ELECTRIC OPERATING EXPENSES

Name of Lessor (a)	Basic Details of Lease (b)	Terminal Dates of Lease, Primary (P) or Renewal (R) (c)
Gulf Coast Business Machines	Duplicating Machines	
International Business Machines	Data Processing Machines	
LEASCO Capital Equipment Company	Data Processing Machines	

*See Electric Plant Instruction 6 and Operating Expense Instruction 3 of the Uniform System of Accounts.

LEASE RENTALS CHARGED (Continued)

lessors which are associated companies (describing association) first, followed by non-associated lessors.

7. In column (b) for each leasing arrangement, report in order, classified by generating station, transmission line, distribution system, large substation, or other operating unit or system, followed by any other leasing arrangements not covered under the preceding classifications:

Description of the property, whether lease is a sale and leaseback, whether lessee has option to purchase and conditions of purchase, whether lease is cancellable by either party and the cancellation conditions, state the tax treatment used, the accounting treatment of the lease payments (levelized charges to expense or other treatment), the basis of any charges apportioned between the lessor and lessee, and the responsibility

of the respondent for operation and maintenance expenses and replacement of property.

The above information is to be reported with initiation of the lease and thereafter when changed or every five years, whichever ever occurs first.

8. Report in column (d), as of the date of the current lease term, the original cost of the property leased, estimated if not known, or the fair market value of the property if greater than original cost and indicate as shown. If leased property is part of a larger unit, such as part of a building, indicate without associating any cost or value with it.

9. Report in column (k) below the estimated remaining annual charges under the current term of the lease. Do not apply a present value factor to the estimate. Assume that cancellable leases will not be cancelled when estimating the remaining charges.

A. LEASE RENTALS CHARGED TO ELECTRIC OPERATING EXPENSES

Original Cost (D) or Fair Market Value (F) of Property (d)	Expenses to be Paid By Lessee - Itemize (e)	AMOUNT OF RENT - CURRENT TERM				Account Charged (j)	Remaining Annual Charges Under Lease Est. if Not Known (k)
		Current Year		Accumulated to Date			
		Lessor (f)	Other (g)	Lessor (h)	Other (i)		
		\$ 1,970				506	
		10,088				507	
		2,408				567	
		12,547				589	
		4,000				901	
		52				903	
		3,224				921	
		312				930	
		8,721				931	
		<u>\$43,349</u>					
		\$ 6,810				507	
		261				567	
		52				588	
		1,833				589	
		2,360				908	
		4,639				921	
		18,848				931	
		<u>\$34,843</u>					
		\$ 7,823				567	
		7,553				589	
		8,779				903	
		23,114				931	
		11,043				932	
		<u>\$58,312</u>					

TAMPA ELECTRIC COMPANY

Annual report of.....Year ended December 31, 1979.....

A. LEASE RENTALS CHARGED TO ELECTRIC OPERATING EXPENSES (Continued)

Name of Lessor (a)	Basic Details of Lease (b)	Terminal Dates of Lease, Primary (P) or Renewal (R) (c)

B. OTHER LEASE RENTALS CHARGED (Such as to Deferred Debits, etc.)

Gulf Coast Business Machines	Duplicating Machines	
International Business Machines	Data Processing Machines	
LEASCO Capital Equipment Company	Data Processing Machines	

TAMPA ELECTRIC COMPANY

Annual report of.....Year ended December 31, 19..79

A. LEASE RENTALS CHARGED TO ELECTRIC OPERATING EXPENSES (Continued)

Original Cost (O) or Fair Market Value (F) of Property (d)	Expenses to be Paid By Lessee - Itemize (e)	AMOUNT OF RENT - CURRENT TERM				Account Charged (j)	Remaining Annual Charges Under Lease Est. if Not Known (k)
		Current Year		Accumulated to Date			
		Lessor (f)	Other (g)	Lessor (h)	Other (i)		

B. OTHER LEASE RENTALS CHARGED (Such as to Deferred Debits, etc.)

		\$ 1,011				163	
		<u>2,773</u>				184	
		<u>\$ 3,784</u>					
		<u>\$ 40</u>				163	
		\$ 9,083				124	
		<u>27,634</u>				163	
		<u>\$36,717</u>					

INTERCHANGE POWER (Included in Account 555)

1. Report below all of the kilowatt-hours received and delivered during the year. For receipts and deliveries under interchange power agreements, show the net charge or credit resulting therefrom.
 2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).

3. Particulars of settlements for interchange power shall be furnished in a footnote or supplemental schedule which includes the name of each company, the nature of the transaction, and the dollar amounts involved. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were deter-

mined. If such settlement represents the net of debits and credits under an interconnection, powerpooling, coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of company (a)	Interchanges across State lines (b)	FPC Rate Schedule Number (c)	Point of interchange (d)	Voltage at which interchanged (e)	KILOWATT-HOURS			Amount of settlement (i)
						Received (f)	Delivered (g)	Net difference (h)	
1	Florida Power Corp. (2)			W. Lake Wales	230 KV	70 712	283 306	(212 594)	\$
2				Lake Tarpon Sub.	230 KV	1 878 424	16 673	1 861 751	
3				Higgins Plant	115 KV	21	-0-	21	
4				Orchid Springs Sub.	69 KV	-0-	-0-	-0-	
5				Dade City Sub.	69 KV	105 343	364	104 979	
6				Pebbledale Sub.	230 KV	186	960 827	(960 641)	
7				Denham Sub.	69 KV	4 355	54 711	(50 356)	
8				Fort Meade	69 KV	-0-	-0-	-0-	
9				Sub Total					
10	City of Lakeland (5)			Larson Sub.	69 KV	71 329	981	70 348	
11				Highland City Sub	69 KV	69 092	7 649	61 443	
12	Sub Total					140 421	8 630	131 791	1 321 436
13	Fla. Pwr & Lgt. Co (2)			Ruskin Sub.	230 KV	500 624	1 639 241	(1 138 617)	(2 128 935)
14	Orlando Utilities (5)			-	-	-0-	-0-	-0-	1 476 260
15	City of Homestead (5)			-	-	-0-	-0-	-0-	(1 753)
16	Ft. Pierce Utilities (5)			-	-	-0-	-0-	-0-	412 607
17	Lake Worth Utilities (5)			-	-	-0-	-0-	-0-	(102 908)
18	City of Vero Beach (5)			-	-	-0-	-0-	-0-	1 197
19	TOTAL					2 700 086	2 963 752	(263 666)	(3 503 447)
20									
21									
22									
23	NOTE: See page 424A for scheduled interchange.								

Annual Report of TAMPA ELECTRIC COMPANY - Year ended Dec. 31, 1979
Scheduled Interchange

Name of Company	Scheduled MWH	Amount of Settlement
Fla. Power Corp.	(144,476)	(4,481,351)
City of Lakeland	28,142	1,321,436
Fla. Pwr & Lt. Co.	(182,541)	(2,128,935)
Orlando Utilities Comm.	32,692	1,476,260
City of Homestead	(545)	(1,753)
Ft. Pierce Utilities	9,659	412,607
Lake Worth Utilities	(4,353)	(102,908)
City of Vero Beach	(2,244)	(1,197) ²
System Inadvertent	<u>-0-</u>	<u>-0-</u>
Net Interchange	<u>(263,666)</u>	<u>(3,503,447)</u>

MISCELLANEOUS GENERAL EXPENSES (ACCOUNT 930.2) (ELECTRIC)
Report below the information called for concerning items included in miscellaneous general expenses.

Line No.	Description of Item (a)	Amount (b)
1	Industry association dues.....	\$ 280,365
2	Nuclear power research expenses.....	
3	Other experimental and general research expenses.....	1,698,682
4	Publishing and distributing information and reports to stockholders; trustee, registrar, and transfer agent fees and expenses, and other expenses of servicing outstanding securities of the respondent.....	209,516
6	Other expenses (items of \$100 or more must be listed separately showing the (1) purpose, (2) recipient, and (3) amount of such items. Amounts of less than \$100 may be grouped by classes if the number of items so grouped is shown)	
9	Chamber of Commerce Dues (See Page 427-A)	22,759
10	Directors Fees & Expenses (See Page 427-A)	60,295
11	Internal & Public Communications	111,933
12	Air Travel - Eastern Airlines	454
13	103 Items of Less Than \$100	2,367
26	TOTAL ..	2,386,371

CONSTRUCTION OVERHEADS—ELECTRIC

1. Report below the information called for concerning construction overheads for the year. if no overhead apportionments are made, but rather should explain on page 428 the accounting procedures employed and the amounts of engineering, supervision and administrative costs, etc., which are directly charged to construction. Engineering, supervision, administrative, and allowance for funds used during construction, etc., which are first assigned to a blanket work order and then prorated to construction jobs shall be considered overheads for the purpose of formulating a response to this schedule.
2. List in column (a) the kinds of overheads according to the titles used by the respondent. Charges for outside professional services for engineering fees and management or supervision fees capitalized should be shown as separate items.
3. On page 428 furnish the requested explanatory information concerning construction overheads.
4. A respondent should not report "none" to this schedule

Line No.	Description of overhead (a)	Total Amount Charged for the Year (b)	Total Cost of construction to which overheads were charged (exclusive of overhead charges) (c)	Percent overheads to construction cost (d)
1	Construction Expenditures on Electric Plant - 1979	\$	\$ 45,301,437	%
3	Allowance for Funds Used During Construction	1,617,894		3.97
5	Pension Cost	708,045		1.74
6	Taxes	560,653		1.37
7	Administrative & General	1,644,190		4.03
9	Sub Total Overhead		4,530,782	
14	TOTAL		40,770,655	11.11

Annual Report of TAMPA ELECTRIC COMPANY.....Year Ended December 31, 1979

Chamber of Commerce Dues

Tampa Chamber of Commerce	\$12,400
Florida Chamber of Commerce	2,650
Greater Mulberry Chamber of Commerce	250
Auburndale Chamber of Commerce	250
South Hillsborough Chamber of Commerce	400
Lake Alfred Chamber of Commerce	105
Dade City Chamber of Commerce	300
Greater Brandon Chamber of Commerce	500
East Hillsborough County Chamber of Commerce	1,700
Tallahassee Chamber of Commerce	120
Chamber of Commerce of the U.S.	2,000
Winter Haven Chamber of Commerce	1,200
Ybor Chamber of Commerce	500
Temple Terrace Chamber of Commerce	150
6 Local Chambers Less Than \$100 Each	<u>234</u>
	<u>\$22,759</u>

Directors Fees and Expenses

	<u>Fees</u>	<u>Expenses</u>	<u>Total</u>
A. S. Estes	\$ 6,600		\$ 6,600
R. D. Chapman	6,200	1,338	7,538
W. C. Fitkin	3,600	305	3,905
R. M. Clewis, Jr.	6,600		6,600
Charles F. Hovey	6,200	1,347	7,547
Hugh F. Culverhouse	5,800	669	6,469
W. C. MacInnes	6,200		6,200
W. J. Turbeville, Jr.	6,400	453	6,853
J. D. Welch, Jr.	6,000	256	6,256
	<u>\$53,600</u>	<u>\$4,368</u>	<u>57,968</u>
Directors Rooms and Meals			<u>2,327</u>
			<u>\$60,295</u>

GENERAL DESCRIPTION OF CONSTRUCTION OVERHEAD PROCEDURE

1. For each construction overhead explain: (a) the nature and extent of work, etc., the overhead charges are intended to cover, (b) the general procedure for determining the amount capitalized, (c) the method of distribution to construction jobs, (d) whether different rates are applied to different types of construction, (e) basis of differentiation in rates for different types of construction and (f) whether the overhead is directly or indirectly assigned.

2. Show below the computation of allowance for funds used during construction rates, in accordance with the provisions of Electric Plant Instruction 3 (17).

3. Where a net-of-tax rate for borrowed funds is used, show the appropriate tax effect adjustment to the computations below in a manner that clearly indicates the amount of reduction in the gross rate for tax effects.

AFUDC is charged directly to Construction Work in Progress at a rate of 8.04 percent per annum times the current months average balance.

Pension cost and payroll taxes are expressed as a percentage of total monthly payroll. This percentage is applied to each construction work order with payroll transactions. Taxes in the amount of \$560,653 and pension cost in the amount of \$708,045 were applied to construction work orders during 1979.

Administrative and general expenses included general salaries and wages; general office supplies and expenses; workman's compensation insurance cost; general liability insurance cost; claims and damages section wages and salaries; and providing safety, accident prevention and similar educational activities. The amount of A&G to be capitalized is determined by a study. The cost capitalized are allocated to construction on the basis of payroll charged directly to construction. A & G in the amount of \$1,644,190 was charged to construction in 1979.

ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION RATES

1. Components of formula (derived from actual book balances and actual cost rates):

Title	Amount	Capitalization Ratio (percent)	Cost Rate Percentage
Average short-term debt	\$ 37,015,345		a 12.51
Short-term interest rate			
Long-term debt	D 338,881,063	51.45	d 6.45
Preferred stock	P 55,000,000	8.35	p 6.49
Common equity	C 264,813,692	40.20	c 13.75 ^{1/}
Total capitalization	658,694,755	100%	
Average balance of Account 107 plus Account 120.1	W 21,111,295		

2. Gross Rate for borrowed funds = $a \left(\frac{a}{W} \right) + d \left(\frac{D}{D+P+C} \right) \left(1 - \frac{a}{W} \right)$ 19.08%

3. Rate for other funds = $\left[1 - \frac{a}{W} \right] \left[p \left(\frac{P}{D+P+C} \right) + c \left(\frac{C}{D+P+C} \right) \right]$ (4.57)%

4. Weighted average rate actually used for the year. *

a. Rate for borrowed funds - 3.06%

b. Rate for other funds - 4.98%

^{1/} Rate shall be the rate granted in the last rate proceeding. If such is not available, the average rate actually earned during the preceding three year shall be used.

**DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Accounts 403, 404, 405)
(Except Amortization of Acquisition Adjustments)**

1. Report in section A for the year amounts of; depreciation expense (account 403) according to plant functional classifications and depreciation expense in total only applicable to common plant allocated to the electric department, amortization of limited-term electric plant (account 404) amortization of other electric plant (account 405).

2. Report in section B the rates used to compute amortization charges for electric plant (accounts 404 and 405). State the basis used to compute the charges and whether any changes has been made in the basis or rates used from the preceding report year.

3. Complete reporting of all available information called for in section C shall be made every fifth year beginning with report year 1971, with only changes to columns (c) through (g) from the preceding complete report to be reported annually.

Unless composite depreciation accounting for total depreciable plant is followed, list numerically in column (a) each plant subaccount, account or functional classification, as appropriate, to which a rate is applied. Identify at the bottom of section C the type of plant included in any subaccounts used.

In column (b) report all depreciable plant balances to which rates are applied showing sub-totals by functional classifications and showing a composite total. Indicate at the bottom of section C the manner in which column (b) balances are obtained. If average balances, state the method of averaging used.

For columns (c), (d) and (e) report available information for each plant subaccount, account or functional classification listed in column (a). If plant mortality studies are prepared to assist in estimating average service lives, show in column (f) the type mortality curve selected as most appropriate for the account and in column (g), if available, the weighted average remaining life of surviving plant.

If composite depreciation accounting is used, report available information called for in columns (b) through (g) on this basis.

4. If provisions for depreciation were made during the year in addition to depreciation provided by application of reported rates, state at the bottom of section C the amounts and nature of the provisions and the plant items to which related.

A. SUMMARY OF DEPRECIATION AND AMORTIZATION CHARGES

Line No.	Functional Classification (a)	Depreciation Expense (account 403) (b)	Amortization of limited-term electric plant (acct. 404) (c)	Amortization of other electric plant (acct. 405) (d)	TOTAL (e)
1	Intangible plant.....		1 014		1 014
2	Steam production plant.....	18 258 008			18 258 008
3	Nuclear production plant.....				
4	Hydraulic production plant-Conventional.....				
5	Hydraulic production plant-Pumped Storage.....				
6	Other production plant.....	870 894			870 894
7	Transmission plant.....	2 939 796			2 939 796
8	Distribution plant.....	9 080 291			9 080 291
9	General plant.....	1 034 786			1 034 786
10	Common plant - Electric.....				
11	TOTAL	\$ 32 183 775	\$ 1 014		\$ 32 184 789

B. BASIS FOR AMORTIZATION CHARGES

Column (C) is 1/20 of \$20,281.81 in connection with the acquisition of Peace River Distribution System effective January 1, 1963.

DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)

C. FACTORS USED IN ESTIMATING DEPRECIATION CHARGES

Line No.	Acc't. No. (a)	Depreciable Plant Base (thousands) (b) **	Estimated Avg. Service Life (c) +	Net Salvage (percent) (d) +	Applied Depr. Rate(s) (percent) (e) +	Mortality Curve Type (f)	Average Remaining Life (g)
1	311	93 948	34	(5)	3.1		
2	312	249 669	28	(5)	3.8		
3	314	122 569	32	(5)	3.3		
4	315	45 345	27	(5)	3.9		
5	316	8 937	23	(5)	4.6		
6		520 468					
7							
8	341	1 550	24	0	4.2		
9	342	1 145	24	0	4.2		
10	344	15 884	24	0	4.2		
11	345	2 085	24	0	4.2		
12	346	19	24	0	4.2		
13		20 683					
14							
15							
16	35001	2 041	67	0	1.5		
17	352	389	53	0	1.9		
18	353	41 587	28	2	3.5		
19	354	4 294	48	0	2.1		
20	355	21 809	35	(10)	3.1		
21	35600	22 539	30	0	3.3		
22	35601	1 147	49	0	2.0		
23	357	675	51	0	2.0		
24	358	903	42	0	2.4		
25	359	880	48	0	2.1		
26		96 264					
27							
28	36001	160	45	0	2.2		
29	361	363	44	0	2.3		
30	362	31 806	28	2	3.5		
31	364	35 912	23	10	3.9		
32	365	56 393	28	(10)	3.9		
33	366	15 951	56	0	1.8		
34	367	20 688	39	7	2.4		
35	368	50 967	15	45	3.7		
36	369	21 327	24	(08)	4.59 Composite Rate		
37	370	13 173	27	(13)	4.2		
38	371	387	19	0	5.3		
39	373	13 030	19	35	3.4		
40		260 157					
41							
42	390	15 399	43	0	2.3		
43	391	2 930	25	10	3.6		
44	39201	1 887	4.3	25	17.4		
45	39202	1 127	6.1	25	12.3		
46	39203	7 414	11.5	20	7.0		
47	393	545	19	0	5.3		

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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)

G. FACTORS USED IN ESTIMATING DEPRECIATION CHARGES (Continued)

Line No.	Acct No. (a)	Depreciable Plant Base (thousands) (b) **	Estimated Avg. Service Life (c) +	Ret Salvage (percent) (d) +	Applied Depr. Rate(s) (percent) (e) +	Mortality Curve Type (f)	Average Remaining Life (g)
45	394	2 163	20	5	4.8		
46	395	746	20	5	4.8		
47	397	8 941	20	5	4.8		
48	398	116	18	0	5.6		
49		41 268					
50							
51							
52	Total	938 840					
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65	* Account 35001 - Transmission Land Rights						
66	36001 - Distribution Land Rights						
67	** Depreciable Electric Plant in Service at 12/31/79. The basis used						
68	to calculate the monthly accrual is the monthly mean.						
69							
70	+ Per Florida Public Service Commission Letter dated November 10, 1976.						
71							
72							
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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

patching, and Other Expenses classified as "Other Power Supply Expenses."

9. For I.G. and G.T. plants report Operating Expenses, Acc't. Nos. 548 and 549 on line 26 "Electric Expenses," and Maintenance Acc't. Nos. 555 and 556 on line 32 "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants.

10. If any plant is equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined cycle operation with a conventional

steam unit, the gas turbine should be included with the steam plant.

11. If the respondent operates a nuclear power generating plant append: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, fuel enrichment by type and quantity for the reporting period and other physical and operating characteristics of the plant.

12. Schedule applies to Plant in Service only.

Plant Name	Plant Name	Plant Name	Line No.
Gannon Cranking Unit	Big Bend Station	Big Bend Cranking Unit	
Gas Turbine	Steam	Gas Turbine	1
Full Outdoor	Outdoor Boiler	Full Outdoor	2
1969	1970	1969	3
1969	1976	1974	4
			5
18,000	1,336,500	175,000	6
14,000	1,055,000	144,000	7
178	8,760	841	8
14,000	1,064,000	144,000	9
Not Limited	Not Normally Limited	Not Limited	10
Normally Unattended	287	Normally Unattended	11
1,632,000	5,368,396,000	36,045,000	12
			13
\$	\$ 5,312,648.85	\$ 834,365.75	14
75,471.00	54,045,822.06	1,474,960.75	15
1,720,518.46	231,149,658.04	17,412,262.97	16
\$ 1,795,989.46	\$ 290,508,128.95	\$ 19,721,589.47	17
101.09	217.37	112.24	18
			19
\$	\$ 532,346	\$	20
125,461	95,408,425	2,243,273	21
	1,199,912		22
	--		23
	--		24
3,620	876,521	22,223	25
	1,273,837		26
	43,413		27
	284,660	(34)	28
	441,757	11,264	29
	7,557,330		30
11,563	2,339,231	561,685	31
	473,724		32
\$ 140,644	\$ 110,431,156	\$ 2,838,411	33
86.18	20.57	78.75	34
OIL	COAL	OIL	35
42 Gallon Barrel	2000 Lb. Ton	42 Gallon Barrel	36
5,333	2,381,703	94,181	37
138,528/gal	11,470/lb.	138,585/gal	38
\$29.041	\$39.965	\$ 29.041	39
\$ 23.527	\$40.059	\$ 23.819	40
404.36 ¢	174.62 ¢	409.22 ¢	41
7.688 ¢	1.777 ¢	6.224 ¢	42
19 011	10 178	15 208	43
			44

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

Average Annual Heat Rates and Corresponding Net Kwh Output for Most Efficient Generating Units

1. Report only the most efficient generating units (not to exceed 10 in number) which were operated at annual capacity factors of 50 percent or higher. List only unit type installations, i.e., single boiler serving one turbine-generator. It is not necessary to report single unit plants in this schedule. Do not include non-condensing or automatic extraction-type turbine units operated for processing steam and electric power generation.

2. Report annual system heat rate for total conventional steam-power generation and corresponding net generation (Line 11).

3. All heat rates on this page and also on page 432/432a should be computed on the basis of total fuel burned including burner lighting and banking fuel.

Line No.	Plant Name (a)	Unit No (b)	MW* (c)	B.t.u. Per Net Kwh. (d)	Net Generation Million Kwh. (e)	Kind of Fuel (f)
1	Hookers Point	ALL	232	13,436	537	#6 Oil
2						
3	Gannon	1-4	617	10,992	1,968	#6 Oil
4						
5	Gannon	5 & 6	653	10,350	3,077	Coal
6						
7	Big Bend	1-3	1,337	10,178	5,368	Coal
8						
9						
10						
Total System Steam Plants						
11			2,839	10,533	10,950	

*Generator rating at maximum hydrogen pressure.

Net Generation—Kwh:

†Annual Unit Capacity Factor =

Unit KW. Capacity (as included in plant total—line 5, p. 432) × 8,760 hours

Note: Information by Unit only is not available.

ELECTRIC ENERGY ACCOUNT		
Report below the information called for concerning the disposition of electric energy generated, purchased, and interchanged during the year		
Line No.	Item (a)	Kilowatt-hours (b)
SOURCES OF ENERGY		
1		
2	Generation (excluding station use):	10,950,380,000
3	Steam.....	
4	Nuclear.....	
5	Hydro—conventional.....	
6	Hydro—pumped storage.....	
7	Other.....	37,677,000
8	Less energy for pumping.....	
9	Net generation.....	10,988,057,000
10	Purchases.....	
11	In (gross) 2,700,086 Kwh.....	
12	Out (gross) 2,963,752 Kwh.....	
13	Net.....	(263,666,000)
14	Received..... Kwh.....	
15	Delivered..... Kwh.....	
16	Net.....	
17	Total.....	10 724 391 000
DISPOSITION OF ENERGY		
18		
19	Sales to ultimate consumers (including interdepartmental sales).....	10,141,106,000
20	Sales for resale.....	258,000
21	Energy furnished without charge.....	
22	Energy used by the company (excluding station use):	
23	Electric department only.....	18,411,000
24	Energy losses:	
25	Transmission and conversion losses.....	
26	Distribution losses.....	
27	Unaccounted for losses.....	
28	Total energy losses.....	564,616,000
29	Energy losses as percent of total on line 17..... 5.3 %	
30	TOTAL.....	10 724 391 000

MONTHLY PEAKS AND OUTPUT

- Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.
- Monthly peak col. (b) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.*
- State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated).
- Monthly output should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 17 above.
- If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

Line No.	Month (a)	MONTHLY PEAK					Type of reading (f)	Monthly output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of week (c)	Day of month (d)	E.S.T. Hour (e)			
31	January.....	1 988 000	Thursday	4	8:00 a.m.	60 minutes	926 856 000	
32	February.....	1 860 000	Friday	2	8:00 a.m.	" "	824 607 000	
33	March.....	1 512 000	Monday	12	8:00 a.m.	" "	831 627 000	
34	April.....	1 579 000	Thursday	12	8:00 p.m.	" "	829 287 000	
35	May.....	1 619 000	Thursday	10	5:00 p.m.	" "	891 603 000	
36	June.....	1 768 000	Tuesday	19	6:00 p.m.	" "	941 126 000	
37	July.....	1 805 000	Tuesday	31	5:00 p.m.	" "	1 004 792 000	
38	August.....	1 791 000	Monday	20	5:00 p.m.	" "	986 517 000	
39	September.....	1 801 000	Wednesday	5	5:00 p.m.	" "	935 693 000	
40	October.....	1 707 000	Wednesday	3	5:00 p.m.	" "	880 428 000	
41	November.....	1 710 000	Friday	30	7:00 p.m.	" "	804 129 000	
42	December.....	1 628 000	Tuesday	18	8:00 a.m.	" "	867 726 000	
TOTAL.....							10 724 391 000	

* In some cases there may be situations of commingling of purchases and exchanges and "wheeling," also of direct deliveries by the supplier to customers of the reporting utility wherein segregation of kw demand for determination of peaks as specified by this schedule may be unavailable. In these cases peaks may be reported which include these intermingled transactions. An

explanatory note, however, should be furnished, which indicates, among other things, the relative significance of the deviation from basis otherwise applicable. If the individual kw amounts of such totals are needed for billing under separate rate schedules and are estimated, give the amount and basis of estimate.

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Large plants for the purpose of this schedule are steam plants of 25,000 kw or more of installed capacity (name plate rating). Include gas-turbine and internal combustion plants of 10,000 kw and more in this schedule. Include nuclear plants.
 2. If any plant is leased or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.
 3. If net peak demand for 60 minutes is not available, give that which is available, specifying period.
 4. If a group of employees attends more than one generating plant, report on line 11 the approximate average number of employees assignable to each plant.

5. If gas is used and purchased on a thru basis, the B.t.u. content of the gas should be given and the quantity of fuel burned converted to B cu. ft.
 6. Quantity of fuel burned (line 38) and average cost per unit of fuel burned (line 41) should be consistent with charges to expense accounts 501 and 547 (line 42) as shown on line 21.
 7. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.
 8. The items under cost of plant represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses do not include Purchased Power, System Control and Load Dis-

Line No.	Item (a)	Plant Name	
		Hookers Point	Gannon Station
1	Kind of plant (steam, internal combustion, gas turbine or nuclear).....	Steam	Steam
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.).....	Conventional	Outdoor Boiler
3	Year originally constructed.....	1948	1957
4	Year last unit was installed.....	1955	1967
5	Total installed capacity (maximum generator name plate ratings in kw.).....	232,600	1,270,380
6	Net peak demand on plant—kw. (60 minutes)..	211,000	1,102,000
7	Plant hours connected to load.....	8,760	8,760
8	Net continuous plant capability, kilowatts:		
9	(a) When not limited by condenser water....	197,000	1,076,000
10	(b) When limited by condenser water.....	Not Normally Limited	Not Normally Limited
11	Average number of employees.....	100	312
12	Net generation, exclusive of plant use.....	536,531,000	5,045,453,000
13	Cost of plant:		
14	Land and land rights.....	\$ 437,470.59	\$ 349,952.87
15	Structures and improvements.....	7,731,240.08	31,335,523.68
16	Equipment costs.....	32,379,971.17	161,586,277.27
17	Total cost.....	\$ 40,548,681.84	\$ 193,271,753.82
18	Cost per kw. of installed capacity (Line 5)..	174.33	152.13
19	Production expenses:		
20	Operation supervision and engineering.....	\$ 147,446	\$ 530,398
21	Fuel.....	21,584,035	115,541,047
22	Coolants and water (nuclear plants only)....	—	—
23	Steam expenses.....	670,922	1,464,672
24	Steam from other sources.....	—	—
25	Steam transferred (Cr.).....	—	—
26	Electric expenses.....	378,966	813,259
27	Misc. steam (or nuclear) power expenses ..	559,289	1,772,356
28	Rents.....	15,570	32,837
29	Maintenance supervision and engineering....	73,920	184,637
30	Maintenance of structures.....	133,861	785,643
31	Maintenance of boiler (or reactor) plant.	680,027	6,171,670
32	Maintenance of electric plant.....	753,509	2,620,006
33	Maint. of misc. steam (or nuclear) plant ..	112,893	295,933
34	Total production expenses.....	\$ 25,110,438	\$ 130,212,458
35	Expenses per net kwh. (Mills—2 places)...	46.80	25.81
36	Fuel: Kind (coal, gas, oil or nuclear).....	OIL	COAL OIL
37	Unit: (Coal—tons of 2,000 lb.) (Oil—barrels of 42 gals.) (Gas—M cu. ft.) (Nuclear, indicate).	42 Gallon Barrel	2000 Lb. Ton 42 Gal Barrel
38	Quantity (units) of fuel burned.....	1,148,124	1,309,424 3,437,279
39	Average heat content of fuel burned (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas) *	149,497/gal	12,162/lb 149,848gal
40	Average cost of fuel per unit, as delivered f.o.b. plant during year.....	\$ 19.534	\$39.965 \$19.534
41	Average cost of fuel per unit burned.....	\$ 18.799	\$40.055 \$18.355
42	Avg. cost of fuel burned per million B.t.u.	299.41¢	164.67¢ 291.65¢
43	Avg. cost of fuel burned per kwh. net gen....	4.023¢	1.704¢ 3.206¢
44	Average B.t.u. per kwh. net generation.....	13,436	10,350 10,992

* Nuclear, indicate unit.

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

patches, and Other Expenses classified as "Other Power Supply Expenses."

9. For I.C. and S.T. plants report Operating Expenses, Acc'ts Nos. 548 and 549 on line 26 "Electric Expenses," and Maintenance Acc'ts Nos. 553 and 554 on line 32 "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants.

10. If any plant is equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined cycle operation with a conventional

steam unit, the gas turbine should be included with the steam plant.

11. If the respondent operates a nuclear power generating plant append (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, fuel enrichment by type and quantity for the reporting period and other physical and operating characteristics of the plant.

12. Schedule applies to Plant in Service only.

Plant Name	Plant Name	Plant Name	Line No.
Gannon Cranking Unit	Big Bend Station	Big Bend Cranking Unit	
Gas Turbine	Steam	Gas Turbine	1
Full Outdoor	Outdoor Boiler	Full Outdoor	2
1969	1970	1969	3
1969	1976	1974	4
			5
18,000	1,336,500	175,000	6
14,000	1,055,000	144,000	7
178	8,760	841	8
			9
14,000	1,064,000	144,000	10
Not Limited	Not Normally Limited	Not Limited	11
Normally Unattended	287	Normally Unattended	12
1,632,000	5,368,396,000	36,045,000	13
			14
	\$ 5,312,648.85	\$ 834,365.75	15
75,471.00	54,045,822.06	1,474,960.75	16
1,720,518.46	231,149,658.04	17,412,262.97	17
\$ 1,795,989.46	\$ 290,508,128.95	\$ 19,721,589.47	18
101.09	217.37	112.24	19
			20
\$ 125,461	\$ 532,346	\$ 2,243,273	21
	95,408,425		22
	1,199,912		23
	--		24
	--		25
3,620	876,521	22,223	26
	1,273,837		27
	43,413		28
	284,660	(34)	29
	441,757	11,264	30
	7,557,330		31
11,563	2,339,231	561,685	32
	473,724		33
\$ 140,644	\$ 110,431,156	\$ 2,838,411	34
86.18	20.57	78.75	35
OIL	COAL	OIL	36
42 Gallon Barrel	2000 Lb. Ton	42 Gallon Barrel	37
5,333	2,381,703	94,181	38
138,528/gal	11,470/lb.	138,585/gal	39
			40
\$ 29.041	\$ 39.965	\$ 29.041	41
\$ 23.527	\$ 40.059	\$ 23.819	42
404.36 c	174.62 c	409.22 c	43
7.688c	1.777c	6.224 c	44
19 011	10 178	15 208	

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)
Average Annual Heat Rates and Corresponding Net Kwh Output for Most Efficient
Generating Units

1. Report only the most efficient generating units (not to exceed 10 in number) which were operated at annual capacity factors of 50 percent or higher. List only unit type installations, i.e., single boiler serving one turbine-generator. It is not necessary to report single unit plants in this schedule. Do not include non-condensing or automatic extraction-type turbine units operated for processing steam and electric power generation.

2. Report annual system heat rate for total conventional steam-power generation and corresponding net generation (Line 11).

3. All heat rates on this page and also on page 432/432a should be computed on the basis of total fuel burned including burner lighting and banking fuel.

Line No.	Plant Name (a)	Unit No. (b)	MW* (c)	B.t.u. Per Net Kwh. (d)	Net Generation Million Kwh. (e)	Kind of Fuel (f)
1	Hookers Point	ALL	232	13,436	537	#6 Oil
2						
3	Gannon	1-4	617	10,992	1,968	#6 Oil
4						
5	Gannon	5 & 6	653	10,350	3,077	Coal
6						
7	Big Bend	1-3	1,337	10,178	5,368	Coal
8						
9						
10						

Total System Steam Plants

11			2,839	10,533	10,950	
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*Generator rating at maximum hydrogen pressure.

Net Generation—Kwh:

†Annual Unit Capacity Factor =

Unit KW. Capacity (as included in plant total—line 3, p. 432) × 8,760 hours

Note: Information by Unit only is not available.

CHANGES MADE OR SCHEDULED TO BE MADE IN GENERATING PLANT CAPACITIES

Give below the information called for concerning changes in electric generating plant capacities during the year.

A. Generating Plants or Units Dismantled, Removed from Service, Sold, or Leased to Others During Year

Line No.	Name of plant (a)	Disposition* (b)	INSTALLED CAPACITY—KILOWATTS			Date** (f)	If sold or leased to another give name and address of purchaser or lessee (g)
			Hydro (c)	Steam (d)	Other (e)		
1	None						
2							
3							
4							
5							
6							
7							

*State whether dismantled, removed from service, sold, or leased to another. Plants removed from service include those not maintained for regular or emergency service. **Date dismantled, removed from service, sold, or leased to another. Designate complete plants as such.

B. Generating Units Scheduled for or Undergoing Major Modifications

Line No.	Name of plant (a)	Character of Modification (b)	Installed Plant Capacity After Modification— Kilowatts (c)	ESTIMATED DATES OF CONSTRUCTION	
				Start (d)	Completion (e)
1	Big Bend II	Boiler Modifications	362,000	Apr. 1981	Jun. 1981
2					
3					
4					
5					
6					
7					

C. New Generating Plants Scheduled for or Under Construction

Line No.	Plant Name and location (a)	Type* (b)	INSTALLED CAPACITY KILOWATTS		ESTIMATED DATES OF CONSTRUCTION	
			Initial (c)	Ultimate (d)	Start (e)	Completion (f)
1	W. C. MacInnes	Steam	425,000		Jan, 1986	Mar. 1989
2						
3						
4						
5						
6						
7						

D. New Units in Existing Plants Scheduled for or Under Construction

Line No.	Plant Name and location (a)	Type* (b)	Unit No. (c)	Size of Unit Kilowatts (d)	ESTIMATED DATES OF CONSTRUCTION	
					Start (e)	Completion (f)
1	Big Bend-Tampa, Florida	Steam	4	417,000	Jan. 1982	Mar. 1985
2						
3						
4						
5						
6						
7						

*Hydro, pumped storage, steam, internal-combustion, gas-turbine, nuclear, etc.

STEAM-ELECTRIC GENERATING PLANTS

1. Include in this schedule steam-electric plants of 25,000 kw. (name plate rating) or more of installed capacity.
2. Report the information called for concerning generating plants and equipment at end of year. Show unit type installation, boiler and turbine-generator, on same line.
3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
4. Designate any generating plant or portion thereof for

which the respondent is not the sole owner. If such property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how

Line No.	Name of Plant	Location of Plant	BOILERS				
			Number and Year Installed	Kind of Fuel and Method of Firing	Rated Pressure psig.	Rated Steam Temperature*	Rated Max. Continuous M lbs. Steam per Hour
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
1	Hookers Point	Tampa, Florida	#1-1948	Fuel Oil Atm.	960	900	220
2			#2-1948	Fuel Oil-Mech	960	900	220
3			#3-1950	"	960	900	303
4			#4-1950	"	960	900	303
5			#5-1953	"	975	900	440
6			#6-1955	"	1450	950	625
7							
8							
9	F.J. Gannon	Tampa, Florida	#1-1957	Oil-Cyclone	1750	1000/1000	910
10			#2-1958	" "	1750	1000/1000	950
11			#3-1960	" "	2175	1000/1000	1160
12			#4-1963	" "	2250	1000/1000	1260
13			#5-1965	Coal-Pulv.	2200	1000/1000	1660
14			#6-1967	" "	2875	1000/1000	2700
15							
16							
17	Big Bend	Tampa, Florida	#1-1970	Coal Pulv.	2875	1000/1000	2856
18			#2-1973	" "	2875	1000/1000	2856
19			#3-1976	" "	2875	1000/1000	3136
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

Note reference:

*Indicate reheat boilers thusly, 1050/1000.

STEAM-ELECTRIC GENERATING PLANTS (Continued)

expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any generating plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated,

and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

7. Include in this schedule gas-turbines operated in a combined cycle with a conventional steam unit with its associated steam unit.

TURBINE-GENERATORS**													Plant Capacity, Maximum Generator Name Plate Rating††††	Line No.
Year Installed	TURBINES				GENERATORS									
	Max. Rating Kilowatt †††††	Type†	Steam Pressure at Throttle psig. †††††	R.P.M.	Name Plate Rating in Kilowatts		Hydrogen Pressure ††		Power Factor	Voltage K.v.†††				
					At Minimum Hydrogen Pressure	At Maximum Hydrogen Pressure	Min.	Max.						
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)			
1948	33 000	SC 1.5	850	3 600	30 000	33 000	0.5	15	83%	13.8KV	232 600	1		
1950	33 000	SC 1.5	850	3 600	30 000	34 500	0.5	15	85%	13.8KV		2		
1950	33 000	SC 1.5	850	3 600	30 000	34 500	0.5	15	85%	13.8KV		3		
1953	44 000	TC 1.5	850	3 600	40 000	49 000	0.5	30	85%	13.8KV		4		
1955	66 000	TC 1.5	1250	3 600	65 280	81 600	0.5	30	85%	13.8KV		5		
1957	120000	TC 1.5	1450	3 600	100 000	125 000	0.5	30	85%	15.5KV		6		
1958	120000	TC 1.5	1450	3 600	100 000	125 000	0.5	30	85%	14.4KV		7		
1960	161000	TC 3.5	1800	3 600	163 000	179 520	30	45	85%	20.0KV	8			
1963	175000	TC 2.0	1800	3 600	148 220	187 500	30	60	85%	18.0KV	9			
1965	259390	TC 1.5	1800	3 600	189 218	239 360	30	60	85%	20.0KV	10			
1967	404231	TC 2.0	2400	3 600	333 000	414 000	30	60	90%	22.0KV	1 270 380	11		
1970	417070	TC 2.0	2400	3 600	334 125	445 500	30	60	90%	24.0KV	1 336 500	12		
1973	417070	TC 2.0	2400	3 600	334 125	445 500	30	60	90%	24.0KV		13		
1976	415795	TC 2.0	2400	3 600	445 500	445 500	45	45	90%	22.0KV		14		
												15		
												16		
												17		
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												32		
												33		

Note references:

** Report cross-compound turbine-generator units on two lines - H.P. section and L.P. section.

† Designate units with shaft connected boiler feed pumps - Give capacity rating of pumps in terms of full load requirements.

†† Indicate tandem-compound (T.C.); cross-compound (C.C.); single casing (S.C.); topping unit (T.); and non-condensing (N.C.) - Show back pressures.

††† Designate air cooled generators.

†††† If other than 3 phase, 60 cycle, indicate other characteristic.

††††† Should agree with column (n)

†††††† Include both ratings for the boiler and the turbine-generator of dual-rated installations.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS

1. Include in this schedule internal-combustion engine and gas-turbine plants of 10,000 kilowatts and more.
2. Report the information called for concerning plants and equipment at end of year. Show associated prime movers and generators on the same line.
3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
4. Designate any plants or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such

Line No.	Name of Plant (a)	Location of Plant (b)	PRIME MOVERS			
			Internal-Combustion or Gas-Turbine (c)	Year Installed (d)	Cycle* (e)	Belted or Direct Connected (f)
1	Gannon	Tampa, Florida	Gas Turbine	1969	-	Direct*
2	Big Bend GT-1	Tampa, Florida	Gas Turbine	1969	-	Direct*
3	Big Bend GT-2	Tampa, Florida	Gas Turbine	1974	-	Direct*
4	Big Bend GT-3	Tampa, Florida	Gas Turbine	1974	-	Direct*
5						
6	*					
7	Speed Reducing Gear					
8						
9						
10						
11						
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Note references:

- *Indicate basic cycle for gas-turbine: open or closed.
- Indicate basic cycle for internal-combustion: 2 or 4.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS (Continued)

matters as percent of ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and

annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

PRIME MOVERS Continued	GENERATORS						Total Installed Generating Capacity in Kilowatts (name plate ratings) (n)	Line No.
Rated hp. of Unit (g)	Year installed (h)	Voltage (i)	Phase (j)	Frequency or d.c. (k)	Name Plate Rating of Unit in Kilowatts (l)	Number of Units in Plant (m)		
23 190	1969	13 800	3 Ø	60 Cyc	18 000	1	18 000	1
23 190	1969	13 800	3 Ø	60 Cyc	18 000	1	18 000	2
105 563	1974	13 800	3 Ø	60 Cyc	78 750	1	78 750	3
105 563	1974	13 800	3 Ø	60 Cyc	78 750	1	78 750	4
								5
								6
								7
								8
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								40

TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Transmission lines below these voltages may be reported in group totals only for each voltage.
2. Transmission lines include such lines as come within the definition of transmission system plant as given in the Uniform System of Accounts. Substation costs and expenses are not to be included in the costs and expenses reported in this schedule.
3. Data may be reported by individual lines for all voltages if so required by a State commission.

4. Exclude from this schedule any transmission lines for which plant costs are included in Account 121, Nonutility Property.
5. The type of supporting structure reported in column (e) should indicate whether (1) single pole, wood or steel; (2) H-frame, wood or steel poles; (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines in the schedule. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.

Line No	DESIGNATION		VOLTAGE*		Type of supporting structure (e)	LENGTH (pole miles)**		Number of circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On structures of line designated (f)	On structures of another line (g)	
1	Big Bend Sta.	B/B Sub Gen Lds	230000		STDC	1.19	.63	3
2	Gannon Sta.	Gan.Gen. Leads	"		SSPSC	.29		1
3	"	"	"		SDPSC	2.22		3
4	B/B Peak Uts	Big Bend Sub	"		WSPSC	.60		1
5	Gannon Sub	Sheldon Rd Sub	230001		STDC	14.85		2
6	"	"	"		WDPSC	23.62		1
7	Big Bend Sub	State Rd 60 Sub	230002		STDC	9.37	6.67	2
8	"	"	"		WDPSC	.05		1
9	"	Gannon Sub.	230003		STDC		2.36	2
10	"	"	"		WDPSC	8.94		1
11	Gannon Sub	Ariana Sub.	230004		WDPSC	48.40		1
12	"	"	"		STDC	5.06		2
13	"	"	"		WSPSC	1.05		1
14	"	Pebbledale Sub	230005		STDC		5.06	2
15	"	"	"		WDPSC	44.07		1
16	"	River Sub	230006		STDC	.41		2
17	"	"	230006		WDPSC	14.55		1
18	Big Bend Sub	Pebbledale Sub	230007		STDC	2.38		2
19	"	"	"		WDPSC	33.31		1
20	"	FPL Tie	230008		STDC		.20	2
21	"	"	"		ADPSC	3.12		1
22	"	"	"		WDPSC	9.98		1
23	"	River Sub	230010		STDC	2.36	7.87	2
24	"	"	230010		SSPSC	4.29		1
25	"	"	"		WDPSC	7.07		1
26	Sheldon Rd Sub	FPC Tie	230012		WDPSC	5.16		1
27	"	"	230013		"	5.11		1
28	Big Bend Sub	FPL Tie	230014		ADPSC	13.64		1
29	"	"	"		STDC	2.25		2
30	"	"	"		WDPSC	.90		1
31	Ohio Sub.	Sheldon Rd Sub	230015		SSPSC	9.89		1
32	Big Bend Sub.	Big Bend Sta.	230017		SSPSC	.64		1
33	Pebbledale	FPC Tie	230601		WDPSC	2.87		1
34	"	"	230602		WDPSC	27.71		1
35	Gannon Sta.	Gan Sub Gen Lds	138000		WDPSC	2.55		3
36			TOTAL					

* Where other than 60 cycle, 3 phase, so indicate
 ** In the case of underground lines, report circuit miles

TAMPA ELECTRIC COMPANY

Annual report of

Year ended December 31, 1979

TRANSMISSION LINE STATISTICS (Continued)

6. Report in columns (f) and (g) the total pole miles of each transmission line. It is intended that column (f) shall show the pole miles of line on structures the cost of which is reported for the line designated, and, conversely, that column (g) shall show the pole miles of line on structures the cost of which is reported for another line. Pole miles of line on leased or partly owned structures shall be reported in column (g) with appropriate designation and footnote explaining the basis of such occupancy and stating whether expenses with respect to such structures are included in the expenses reported for the line designated.

7. Transmission line structures which also support a line of lower voltage should be included with the line of higher voltage. Designate if such is not the case with respect to any transmission line reported in this schedule. Transmission line structures which also support a line of the same voltage should be included with the line most appropriate. The pole miles of such structures for the line in which included should be reported in column (f) and for the other line in column (g).

8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of lease, and amount of rent for year. For any transmission line, other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the line, and how the expenses borne by the respondent are accounted for and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.

9. Designate any transmission line leased to another company and give name of lessee, date and terms of lease, annual rent for year and how determined. Specify whether lessee is an associated company.

10. The plant cost figures called for in columns (j) to (l) should be the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land ... (j)	Construction and other costs (k)	Total cost (l)	Operation expenses (m)	Maintenance expenses (n)	Rents (o)	Total expenses (p)	
1590 AAC	\$	\$	\$	\$	\$	\$	\$	1
1272 AAC								2
1590 & 1272 AAC								3
1590 AAC								4
1590 ACSR								5
1590 ACSR								6
1590 ACSR								7
954 AAC								8
1590 ACSR								9
1590 ACSR & 954 AAC								10
1590 & 954 ACSR, 600 Cu.								11
954 ACSR								12
1590 ACSR								13
954 ACSR								14
1590 & 954 ACSR								15
1590 ACSR								16
954 AAC & ACSR, 795 & 1590 ACSR								17
1590 ACSR								18
1590 ACSR								19
1590 & 954 ACSR								20
2/795 ACSR								21
954 ACSR								22
1590 ACSR								23
1590 ACSR								24
1590 & 954 ACSR								25
1590 ACSR								26
1590 ACSR								27
2/795 ACSR								28
1590 ACSR								29
1590 ACSR								30
2800 ACAR								31
954 AAC								32
954 ACSR								33
1590 & 954 ACSR								34
600 Cu.								35
								36

***Includes land, land rights, and clearing right-of-way.

TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Transmission lines below these voltages may be reported in group totals only for each voltage.

2. Transmission lines include such lines as come within the definition of transmission system plant as given in the Uniform System of Accounts. Substation costs and expenses are not to be included in the costs and expenses reported in this schedule.

3. Data may be reported by individual lines for all voltages if so required by a State commission.

4. Exclude from this schedule any transmission lines for which plant costs are included in Account 121, Nonutility Property

5. The type of supporting structure reported in column (e) should indicate whether (1) single pole, wood or steel; (2) H-frame, wood or steel poles; (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines in the schedule. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.

Line No	DESIGNATION		VOLTAGE *		Type of supporting structure (e)	LENGTH (pole miles)**		Number of circuits (h)	
	From (a)	To (b)	Operating (c)	Designed (d)		On structures of line designated (f)	On structures of another line (g)		
1	Gannon Sub	Clearview Sub	138001		WSPSC	10.73		1	
2	" "	" "	138001		WDPSC	1.75		1	
3	" "	Juneau Sub	138002		WSPSC	14.84		1	
4	" "	" "	138002		WDPSC	1.73		1	
5	Ohio Sub	" "	138003		WSPSC	4.48		1	
6	Gannon Sub	Hookers Pt Sub	138004		WSPSC	1.82		1	
7	" "	" " "	138004		SSPDC	.43		2	
8	" "	" " "	138004		WSPDC	1.22		2	
9	Ohio Sub	Clearview Sub	138005		WSPSC	1.97		1	
10	" "	" "	138005		Undergrnd *	.29		1	
11	" "	Himes Sub	138006		WSPSC	8.36		1	
12	Various	Various	69000		SPSC	634.93		Var	
13	" "	" "	69000		SPDC	2.62	4.05	Var	
14	" "	" "	69000		DPSC	21.73		Var	
15	" "	" "	69000		DPDC	1.64	1.45	Var	
16	" "	" "	69000		Undergrnd *	7.42		Var	
17	Legend								
18	STDC=Steel Tower Double Circuit								
19	ADPSC=Aluminum Double Pole, Single Circuit								
20	SSPDC=Steel Single Pole, Double Circuit								
21	SSPSC=Steel Single Pole, Single Circuit								
22	WDPSC=Wood Double Pole, Single Circuit								
23	WDPSC=Wood Single Pole, Single Circuit								
24									
25									
26	** A field inventory of all transmission circuits is								
27	currently in progress. Through year end 1979,								
28	66% of 69 KV and 30% of 138 KV was completed.								
29	At the completion of the field inventory, the								
30	pole miles will be adjusted accordingly.								
31									
32									
33									
34									
35									
36	** TOTAL						1 023.86	28.29	

* Where other than 60 cycle, 3 phase, so indicate
 ** In the case of underground lines, report circuit miles

*Underground Cable Miles

TRANSMISSION LINE STATISTICS (Continued)

6. Report in columns (f) and (g) the total pole miles of each transmission line. It is intended that column (f) shall show the pole miles of line on structures the cost of which is reported for the line designated, and, conversely, that column (g) shall show the pole miles of line on structures the cost of which is reported for another line. Pole miles of line on leased or partly owned structures shall be reported in column (g) with appropriate designation and footnote explaining the basis of such occupancy and stating whether expenses with respect to such structures are included in the expenses reported for the line designated.

7. Transmission line structures which also support a line of lower voltage should be included with the line of higher voltage. Designate if such is not the case with respect to any transmission line reported in this schedule. Transmission line structures which also support a line of the same voltage should be included with the line most appropriate. The pole miles of such structures for the line in which included should be reported in column (f) and for the other line in column (g).

8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of lease, and amount of rent for year. For any transmission line, other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the line, and how the expenses borne by the respondent are accounted for and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.

9. Designate any transmission line leased to another company and give name of lessee, date and terms of lease, annual rent for year and how determined. Specify whether lessee is an associated company.

10. The plant cost figures called for in columns (j) to (l) should be the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and other costs (k)	Total cost (l)	Operation expenses (m)	Maintenance expenses (n)	Rent (o)	Total expenses (p)	
954 AAC & ACSR & 600 Cu.			\$	\$	-\$	\$	\$	1
954 ACSR & 600 Cu.								2
954 AAC & ACSR, 600 Cu.								3
600 Cu.								4
636 AAC & 795 SSAC								5
954 AAC								6
954 AAC								7
954 AAC								8
795 SSAC & 336 ACSR								9
500 AAC								10
795 SSAC, 954 AAC & 636 ACSR								11
Various								12
"								13
"								14
"								15
"								16
								17
								18
								19
								20
								21
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								34
								35
	8 522 572	50 219 776	58 742 348					36

***Includes land, land rights, and clearing right-of-way.

TRANSMISSION LINES ADDED DURING YEAR

1. Report below the information called for concerning transmission lines added or altered during the year. It is not necessary, however, to report minor revisions of lines.

2. Provide separate subheadings for overhead and underground construction and show each transmission line separately.

If actual costs of completed construction are not readily available for reporting in columns (l) to (o), it is permissible to report in these columns, the estimated final completion costs. Designate, however, if estimated amounts are reported. Include costs of Clearing Land and Rights-of-

Way, and Roads and Trails, in column (l) with appropriate footnote, and costs of Underground Conduit in column (m).

3. If design voltage differs from operating voltage indicate such fact by footnote; also where line is other than 60 cycle, 3 phase indicate such other characteristic.

Line No.	LINE DESIGNATION		Line Length in miles (c) *	SUPPORTING STRUCTURE		CIRCUITS PER STRUCTURE		CONDUCTORS			Voltage Kv (Operating) (k)	LINE COST			
	From (a)	To (b)		Type (d)	Average Number per mile (e)	Present (f)	Ultimate (g)	Size (h)	Specification (i)	Configuration and spacing (j)		Land and land rights (l) **	Poles, towers and fixtures (m) **	Conductors and devices (n) **	Total (o) **
1	Big Bend Sub	Pebbledale Sub	.64	WDPSC		1		1590	ASCR		230	\$	\$	\$	\$
2	Big Bend Sub	FPL Tie	(.02)	WDPSC		1		954	ASCR		230				
3	Big Bend Sub	Big Bend Sta	.06	SSPSC		1		954	AAC		230				
4	Pebbledale	FPL Tie	.17	WDPSC		1		954	ACSR		230				
5	Various	Various	(1.04)	SPSC		1		Various			69				
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20	*Net miles of Transmission Lines added during 1979														
21	**Net dollars added to Transmission Line Accounts during 1979														
22															
23															
24															
25															
26															
27															
28															
29	TOTAL		(.19)									(2 453)	3967522	1587936	5553005

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, maybe grouped according to functional character, but the number of such substations must be shown.

4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (in service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (j)	Total capacity (k)
1	Alexander Rd-Plant City	Dist-Unattended	69	13		40 500	2				
2	Bay Court - Tampa	" "	13	4		7 500	4				
3	Bay Court - Tampa	" "	69	13		20 000	1				
4	Belmont Heights -Tampa	" "	13	4		7 500	6				
5	Belmont Heights -Tampa	" "	69	13		28 000	1				
6	Berkley Rd - Rural	" "	69	13		28 000	1				
7	Bloomingtondale - Same	" "	69	13		28 000	1				
8	Brandon - Same	" "	69	13		28 000	1				
9	Burkhorn - Rural	" "	69	13		28 000	1				
10	Carrollwood Village-Tpa	" "	69	13		28 000	1				
11	Clarkwild - Rural	" "	69	13		28 000	1				
12	Coolidge - Tampa	" "	69	13		28 000	1				
13	Cypress Gardens-W/Haven	" "	69	13		28 000	1				
14	Cypress Street - Tampa	" "	69	13		56 000	2				
15	Dairy Road - W/Haven	" "	69	13		20 000	1				
16	Del Webb - Sun City	" "	69	13		22 400	1				
17	East Bay - Rural	" "	69	13		14 000	1				
18	East Winter Haven-Same	" "	13	4		2 500	3				
19	East Winter Haven-Same	" "	69	13		56 000	2				
20	El Prado - Tampa	" "	69	4		7 500	3				
21	El Prado - Tampa	" "	69	13		28 000	1				
22	Fern Street - Tampa	" "	13	4		10 000	5				
23	Fern Street - Tampa	" "	69	13		28 000	1				
24	56th Street - Tampa	" "	69	13		56 000	2				
25	Florida Avenue - Tampa	" "	69	13		28 000	1				
26	Florida Avenue - Tampa	" "	13	8		4 000	6				
27	Ft. King Hwy - Rural	" "	69	13		14 000	1				
28	46th Street - Tampa	" "	69	13		28 000	1				
29											

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TAMPA ELECTRIC COMPANY

Year ended December 31, 19 79

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (in service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (j)	Total capacity (k)
1	14th Street - Tampa	Dist - Unattended	69	13		28 000	1				
2	14th Street - Tampa	" "	13	4		8 000	6				
3	Fowler Avenue - Tampa	" "	69	13		28 000	1				
4	George Rd. - Rural	" "	69	13		28 000	1				
5	Gray Street - Tampa	" "	13	4		5 000	3				
6	Gray Street - Tampa	" "	69	13		28 000	1				
7	Habana - Tampa	" "	13	4		3 750	3				
8	Habana - Tampa	" "	69	13		56 000	2				
9	Hopewell - Plant City	" "	69	13		20 000	1				
10	Hyde Park - Tampa	" "	69	13		42 400	2				
11	Hyde Park - Tampa	" "	13	4		7 500	4				
12	Industrial Park - Tampa	" "	69	13		28 000	1				
13	Ivy - Tampa	" "	13	4		5 000	3				
14	Ivy - Tampa	" "	69	13		20 000	1				
15	Jackson Rd - Tampa	" "	69	13		48 000	2				
16	Jan Phyl - W/Haven	" "	69	13		12 500	1				
17	Keystone - Tampa	" "	69	8		3 750	3				
18	Keystone - Tampa	" "	69	13		18 750	2				
19	Kirkland Rd - Rural	" "	69	13		28 000	1				
20	Knights - Rural	" "	69	13		12 500	1				
21	Lake Alfred - Same	" "	69	13		12 500	1				
22	Lake Region - W/Haven	" "	69	13		28 000	1				
23	Lakewood - Brandon	" "	69	13		28 000	1				
24	Lois - Tampa	" "	13	4		10 000	7				
25	Lois - Tampa	" "	69	13		56 000	2				
26	MacDill - Tampa	" "	69	13		22 400	1				
27	Manhattan - Tampa	" "	13	4		6 250	4				
28	Manhattan - Tampa	" "	69	13		28 000	1				
29	Marion - Tampa	" "	69	13		67 200	2				

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Year ended December 31, 19 79

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SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

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Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (in service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (j)	Total capacity (k)
1	Maritime - Tampa	Dist. - Unattended	69	13		28 000	1				
2	Matanzas - Tampa	" "	13	4		10 000	6				
3	Matanzas - Tampa	" "	69	13		56 000	2				
4	McFarland - Tampa	" "	69	13		28 000	1				
5	Orient Park - Tampa	" "	13	2		3 000	3				
6	Orient Park - Tampa	" "	69	13		22 400	1				
7	Pearson Rd - Rural	" "	69	13		28 000	1				
8	Pine Lake - Tampa	" "	69	13		50 400	2				
9	Plant Avenue - Tampa	" "	69	13		67 200	2				
10	Plant City - Same	" "	69	13		28 000	1				
11	Plymouth - Tampa	" "	13	4		10 000	7				
12	Plymouth - Tampa	" "	69	13		20 000	1				
13	Polk City - Same	" "	69	13		12 500	1				
14	Port Sutton - Tampa	" "	69	13		22 400	1				
15	Rhodine Road - Rural	" "	69	13		28 000	1				
16	Rocky Creek - Rural	" "	69	13		28 000	1				
17	Rome Ave - Tampa	" "	69	13		28 000	1				
18	San Antonio - Same	" "	69	13		12 500	1				
19	Second Ave - Tampa	" "	13	2		3 750	3				
20	Second Ave - Tampa	" "	69	13		9 375	1				
21	Seneca St - Tampa	" "	69	13		28 000	1				
22	78th St - Tampa	" "	69	13		14 000	1				
23	Skyway - Tampa	" "	69	13		56 000	2				
24	South Seffner - Same	" "	69	13		28 000	1				
25	State Rd 574 - Rural	" "	69	13		30 800	2				
26	Sun City - Same	" "	69	13		28 000	1				
27	Sunset Lane - Tampa	" "	13	8		1 500	3				
28	Sunset Lane - Tampa	" "	69	13		28 000	1				
29											

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Year ended December 31, 19 79

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (In service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (j)	Total capacity (k)
1	Tampa Bay Blvd - Tampa	Dist. - Unattended	138	13		37 333	1				
2	Temple Terrace - Same	" "	69	13		28 000	1				
3	3rd Ave - Tampa	" "	69	13		28 000	1				
4	30th St - Tampa	" "	69	13		28 000	1				
5	12th Ave - Tampa	" "	69	13		28 000	1				
6	27th St - Tampa	" "	69	13		28 000	1				
7	Univ of So Fla - Tampa	" "	69	13		56 000	2				
8	Van Dyke Rd(Temp)-Rural	" "	69	13		14 000	1				
9											
10	Washington St - Tampa	" "	69	13		56 000	2				
11	Waters Ave - Tampa	" "	69	13		28 000	1				
12	Wilson - Plant City	" "	69	13		28 000	1				
13	Yukon - Tampa	" "	13	4		5 000	3				
14	Yukon - Tampa	" "	69	13		28 000	1				
15	Misc. - 23 Various	" "	Various			99 125	63				
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29	Total Distribution					2 588 183	233				

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Year ended December 31, 19 79

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SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (in service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (j)	Total capacity (k)
1	Ariana - Rural	Trans - Unattended	69	8		3 750	3				
2	Ariana - Rural	" "	69	13		44 800	2				
3	Ariana - Rural	" "	230	69		168 000	1				
4	Big Bend Unit 1 - Rural	" Attended	230	23		480 000	1				
5	Big Bend Unit 2 - Rural	" "	230	23		480 000	1				
6	Big Bend Unit 3 - Rural	" "	230	23		480 000	1				
7	Gas Turbine #2 - Rural	" "	230	13		71 500	1				
8	Gas Turbine #3 - Rural	" "	230	13		71 500	1				
9	Bradley - Rural	" Unattended	230	69		168 000	1				
10	Clearview - Tampa	" "	138	69		300 000	2				
11	Dade City - Same	" "	69	2		5 000	3				
12	Dade City - Same	" "	69	8		2 500	3				
13	Dade City - Same	" "	69	13		20 000	1				
14	Double Branch - Rural	" "	69	13		15 625	2				
15	Double Branch - Rural	" "	110	69		30 000	1				
16	11th Ave - Tampa	" "	69	13		42 400	2				
17	Gannon Station - Tampa	" "	230	138		224 000	1				
18	Gannon Sta Unit 1-Tampa	" Attended	138	15		150 000	2				
19	Gannon Sta Unit 2-Tampa	" "	138	15		150 000	2				
20	Gannon Sta Unit 3-Tampa	" "	138	20		180 000	1				
21	Gannon Sta Unit 4-Tampa	" "	230	18		205 000	1				
22	Gannon Sta Unit 5-Tampa	" "	230	20		270 000	1				
23	Gannon Sta Unit 6-Tampa	" "	230	23		433 000	1				
24	Hampton - Rural	" Unattended	69	13		28 000	1				
25	Hampton - Rural	" "	230	69		224 000	1				
26	Himes - Tampa	" "	69	13		46 750	3				
27	Himes - Tampa	" "	138	69		168 000	1				
28	Hookers Pt 1 - Tampa	" Attended	138	69		168 000	1				
29	Hookers Pt 1 - Tampa	" "	69	13		42 500	1				

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Year ended December 31, 1979

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (In service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (ii)	Total capacity (k)
1	Hookers Pt 2-Tampa	Trans - Attended	69	13		66 667	2				
2	Hookers Pt - Tampa	" "	69	13		88 000	1				
3	Hookers Pt - Tampa	" "	69	13		60 000	1				
4	Juneau - Tampa	Trans -Unattended	69	13		48 000	2				
5	Juneau - Tampa	" "	138	69		150 000	1				
6	Lake Silver-Winter Haven	" "	13	4		5 000	2				
7	Lake Silver-Winter Haven	" "	69	13		32 500	5				
8	Mulberry-Same	" -Semiattended	69	13		34 900	2				
9	Ohio - Tampa	" - Unattended	230	138		672 000	2				
10	Pebbledale -Rural	" "	230	69		336 000	2				
11	River - Rural	" "	230	69		448 000	2				
12	Ruskin -Rural	" "	69	13		28 000	1				
13	Ruskin -Rural	" "	230	69		168 000	1				
14	Sandhill - Rural	" "	230	69		168 000	1				
15	Sheldon Rd - Rural	" "	230	69		420 000	2				
16	So.Eloise -Rural	" "	13	8		2 500	3				
17	So.Eloise -Rural	" "	69	13		20 000	1				
18	So.Eloise -Rural	" "	230	69		168 000	1				
19	So.Gibson-ton -Same	" "	230	69		196 000	1				
20	State Road 60 -Rural	" "	230	69		420 000	2				
21											
22											
23											
24		Transmission Total				8 203 892	78				
25											
26		Total Transmission & Distribution				10 792 075	311*				
27											
28											
29											

* Spares are located at our Central Operation Center. They are not located in a particular substation.

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TAMPA ELECTRIC COMPANY

Year ended December 31, 1979

ELECTRIC DISTRIBUTION METERS AND LINE TRANSFORMERS

1. Report below the information called for concerning distribution watt-hour meters and line transformers.

2. Watt-hour demand distribution meters should be included below but external demand meters should not be included.

3. Show in a footnote the number of distribution watt-hour meters or line transformers held by the respondent under lease from others, jointly owned with others, or held otherwise than by reason of sole ownership by the respondent. If 500 or more

meters or line transformers are held under a lease, give name of lessor, date and period of lease, and annual rent. If 500 or more meters or line transformers are held other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of accounting for expenses between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Item (a)	Number of watt-hour meters (b)	LINE TRANSFORMERS	
			Number (c)	Total capacity (kva) (d)
1	Number at beginning of year.....	328 051	82 522	3 536 931
2	Additions during year:			
3	Purchases... & Reclassifications.....	18 715	6 673	307 321
4	Associated with utility plant acquired.....			
5	Total additions.....	18 715	6 673	307 321
6	Reductions during year:			
7	Retirements.....	4 974	4 143	151 117
8	Associated with utility plant sold.....			
9	Total reductions.....	4 974	4 143	151 117
10	Number at end of year.....	341 792	85 052*	3 693 135*
11	In stock.....	9 569	2 748	27 291
12	Locked meters on customers' premises.....	18 772		
13	Inactive transformers on system.....			
14	In customers' use.....	313 365	84 856	3 676 552
15	In company's use.....	86	196	16 583
16	Total end of year (as above).....	341 792	87 800	3 720 426

*Transformers in service at year end.

RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES

1. Describe and show below costs incurred and accounts charged during the year for technological research, development, and demonstration projects initiated, continued or concluded during the year. Report also support to others during the year for jointly-sponsored projects. (Recipient must be identified regardless of affiliation.) For any research, development, or demonstration work carried on by the respondent in which there is a sharing of costs with others, show separately the respondent's cost for the year and cost chargeable to others. (See definition of research, development, and demonstration in Uniform System of Accounts.

2. Indicate in column (a) the applicable classification, as shown below; list in column (b) all R, D & D items performed internally and those items performed outside the company costing \$5,000 or more, briefly describing the specific area of research, development, and demonstration (such as safety, corrosion con-

trol, pollution, automation, measurement, insulation, type of appliance, etc.). Items under \$5,000 may be grouped by classifications provided that the number of items so grouped is indicated. Under Other, A. (6) and B. (4) items should be classified by type of research, development, and demonstration activity.

Classifications

- A. Electric Utility R, D & D Performed Internally
 - (1) Generation
 - a. Hydroelectric:
 - I. Recreation, fish and wildlife
 - II. Other hydroelectric
 - b. Fossil-fuel steam
 - c. Internal combustion or gas turbine
 - d. Nuclear
 - e. Unconventional generation
 - f. Stirling and heat rejection
 - (2) System Planning, Engineering and Operation.

Line No.	Classification (a)	Description (b)
1	A-(1)-b	Sulphur Removal Process
2		
3	A-(4)	Lightning Location Study
4		
5		
6	B-(4)	Illuminating Engineering Research Institute
7		
8	A-(1)-e	Solar Conversion Research
9		
10	B-(4)	Energy Research Group - Fla. Sulphur Oxide Study
11		
12	A-(4)	Rome Sub. Cable Research
13		
14		
15	B-(1)	Electric Power Research
16		
17	A-(5)	Revegetation Study - Bay Bottoms
18		
19	A-(1)-b	Hydrastep Research - Boiler Drum Level
20		
21	A-(6)	Solar Commercial Heat and Coal
22		
23	A-(4)	Stroke Counters - DOE
24		
25	A-(4)	Transient Recorder - DOE
26		
27		
28	A-(6)	Land Reclamation Using Flyash
29		
30	A-(4)	Load Management Project
31		
32	A-(6)	Storage Assisted Air Condition
33		
34	A-(5)	EPRI Flue Gas Conditioning
35		
36		
37		
38		

RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES (Continued)

- (3) Transmission
 - a. Overhead
 - b. Underground
- (4) Distribution
- (5) Environment (other than equipment)
- (6) Other (Classify and include items in excess of \$5,000.)
- (7) Total Cost Incurred

- B. Electric Utility R, D & D Performed Externally**
- (1) Research Support to the Electrical Research Council or the Electric Power Research Institute
 - (2) Research Support to Edison Electric Institute
 - (3) Research Support to Nuclear Power Groups
 - (4) Research Support to Others (Classify)
 - (5) Total Cost Incurred

D & D performed externally during the current year. Show in column (e) the account number charged with expenses during the year or the account to which amounts were capitalized during the year, listing amounts in account 107, Construction Work in Progress, first. Show in column (f) the amounts related to the account charged in column (e). Show in column (g) the total unamortized accumulation of costs of projects. The total of column (g) will equal the balance in account 188, Research, Development, and demonstration Activities, outstanding at the end of the year.

4. If costs have not been segregated for research, development, and demonstration activities or project, estimates may be submitted for columns (c), (d) and (f) with such amounts identified by "Est."

3. Show in column (c) all costs incurred for R, D & D performed internally and column (d) all costs incurred for R,

5. Report separately research and related testing facilities operated by the respondent.

Line No.	Costs Incurred Internally Current Year (c)	Costs Incurred Externally Current Year (d)	AMOUNTS CHARGED IN CURRENT YEAR TO		Unamortized Accumulation (g)
			Account (e)	Amount (f)	
1	\$ 5 934.07	\$ 9 168.58	506	\$ 15 534.53	\$ 141.59
2					
3	29 878.09		588	7 352.18	
4			143	21 980.25	860.70
5					
6		1 345.00	930	1 345.00	
7					
8	31.72		930	31.72	
9					
10		66 156.42	930	84 888.51	
11					
12	45.56		583	22.78	
13			584	22.78	
14					
15	4 165.49	1 489 240.14	930	1 494 533.67	234.00
16					
17		3 386.50	506	3 386.50	
18					
19	8 114.92				48 663.81
20					
21			586	45.34	
22					
23	10 841.00		588	10 822.02	
24					
25	9 328.40		143	7 326.75	
26			588	2 018.92	
27					
28	4 354.95		506	6 034.34	631.76
29					
30	49 776.84		588	35 382.61	16 500.23
31					
32	1 408.90	20 000.00	930	21 408.90	
33					
34	5 860.87		506	1 412.28	4 448.59
35					
36	<u>\$129 740.81</u>	<u>\$1 589 296.64</u>		<u>\$1 713 549.08</u>	<u>\$71 480.68</u>
37					
38					

ENVIRONMENTAL PROTECTION FACILITIES

1. For purposes of this schedule, environmental protection facilities shall be defined as any building, structure, equipment, facility or improvement designed and constructed solely for control, reduction, prevention or abatement of discharges or releases into the environment of gaseous, liquid or solid substances, heat, noise or for the control, reduction, prevention or abatement of any other adverse impact of an activity on the environment.
2. There shall be reported herein the difference in cost of facilities installed for environmental considerations over the cost of alternative facilities which would otherwise be used without environmental considerations. The basis for determining costs without environmental considerations will be the best engineering design achievable without environmental restrictions. It is not intended that special design studies be made for purposes of this response. The best engineering judgement shall suffice where direct comparisons are not available.
 These differences in costs would include the costs or estimated costs of environmental protection facilities in service, constructed or modified in connection with the production, transmission and distribution of electrical energy and shall be reported herein for all such environmental facilities placed in service on or after January 1, 1969, so long as it is readily determinable that such facilities were constructed or modified for environmental rather than operational purposes. Similar expenditures for environmental plant included in construction work in progress shall also be reported herein. The cost of facilities may be estimated when the original cost is not available or facilities are jointly owned with another utility, provided the respondent explains the basis of such estimations.
 Examples of these costs would include a portion of the costs of tall smokestacks, underground lines and landscaped substations. Use the space below to explain such costs.
3. The cost of facilities included herein shall include an estimated portion of the cost of plant that is or will be used to provide power to operate associated environmental protection facilities. These costs may be estimated on a percentage of plant basis. Use the space provided to explain such estimations.
4. All costs shall be reported under the major classifications provided below and include, but are not limited to, the items listed hereunder:
 - A. Air pollution control facilities:
 1. Scrubbers, precipitators, tall smokestacks, etc.
 2. Changes necessary to accommodate use of environmentally clean fuels such as low ash or low sulfur fuels including storage and handling equipment.
 3. Monitoring equipment
 4. Other
 - B. Water pollution control facilities:
 1. Cooling towers, ponds, piping, pumps, etc.
 2. Waste water treatment equipment
 3. Sanitary waste disposal equipment
 4. Oil interceptors
 5. Sediment control facilities
 6. Monitoring equipment
 7. Other
 - C. Solid waste disposal costs:
 1. Ash handling and disposal equipment
 2. Land
 3. Settling ponds
 4. Other
 - D. Noise abatement equipment:
 1. Structures
 2. Mufflers
 3. Sound proofing equipment
 4. Monitoring equipment
 5. Other
 - E. Esthetic costs:
 1. Architectural costs
 2. Towers
 3. Undergrounding lines
 4. Landscaping
 5. Other
 - F. Additional plant capacity necessary due to restricted output from existing facilities, or addition of pollution control facilities.
 - G. Miscellaneous:
 1. Preparation of environmental reports
 2. Fish and wildlife plants included in Accounts 330, 331, 332 and 335.
 3. Parks and related facilities
 4. Other
 5. In those instances when costs are composed of both actual supportable costs and estimates of costs, specify in column (g) the actual costs that are included in column (f).
 6. Construction work in progress relating to environmental facilities shall be reported at line 9.

LINE NO	CLASSIFICATION OF COST (a)	BALANCE BEGINNING OF YEAR (b)	CHANGES DURING YEAR			BALANCE END OF YEAR (f)	ACTUAL COST (g)
			ADDITIONS (c)	RETIREMENTS (d)	ADJUSTMENTS (e)		
01	Air Pollution Control Facilities	71 580 227	(2 985)	(67 275)		71 509 967	
02	Water Pollution Control Facilities	20 711 948	333 630		6 456 701	27 502 279	
03	Solid Waste Disposal Costs	3 297 348				3 297 348	
04	Noise Abatement Equipment						
05	Esthetic Costs						
06	Additional Plant Capacity	7 427 000				7 427 000	Δ
07	Miscellaneous (Identify Significant)						
08	Total	103 016 523	330 645	(67 275)	6 456 701	109 736 594	
09	Construction Work in Progress	217 566				2 556 092	

10 BB #4 Bottom Ash Settling Pond 2 109 933 2 109 933**

11 Total incl CWIP & PHFFU 114 402 619*

*Only production environmental expenditures have been reported above.
 Other environmental expenditures are minimal.

Note 2
 Δ Line #6 differs from the 1978 balance because of a change in the method of calculation.

Note 3
 **Pond housed in Account 105 - Property Held For Future Use.

ENVIRONMENTAL PROTECTION EXPENSES

1. Show below expenses incurred in connection with the use of environmental protection facilities, the cost of which is reported on page 501. Where it is necessary that allocations and/or estimates of costs be made, state the basis or method used.
2. The expenses shown below shall include the costs incurred due to the operation of environmental protection equipment, facilities, and programs.
3. Expenses shall be reported under the subheadings listed below.
4. Under item 6 include the difference in costs of environmentally clean fuels as opposed to the alternative fuels that would otherwise be used and are available for use.
5. Item 7 shall include the cost of replacement power, purchased or generated, to compensate for the deficiency in output from existing plants due to the addition of pollu-

tion control equipment, use of alternate environmentally preferable fuels or environmental regulations of governmental bodies. Replacement power purchased shall be priced at the average system price of purchased power if the actual cost of such replacement power is not known. Internally generated replacement power shall be priced at the system average cost of power generated if the actual cost of specific replacement generation is not known.

6. Under item 8 include ad valorem and other taxes assessed directly on or directly relatable to environmental facilities. This item shall also include licensing and similar fees on such facilities.

7. In those instances where expenses are composed of both actual supportable data and estimates of costs, specify in column (c) the actual expenses that are included in column (b).

LINE	CLASSIFICATION OF EXPENSE (a)	AMOUNT (b)	ACTUAL EXPENSES (c)
01	Depreciation	1) 3 830 000	3 830 000
02	Labor, Maintenance, Materials and supplies cost related to environmental facs. & prog	2) 4 977 000	
03	Fuel related costs:		
04	Operation of facilities		
05	Fly ash and sulfur sludge removal	Not Available	
06	Difference in cost of environmentally clean fuels,	3) 49 700 000	
07	Replacement power costs	4) 3 604 000	
08	Taxes and fees		
09	Administrative and general	2) 210 000	
10	Other (Identify significant)	2	
11	Total	62 321 000	3 830 000

NOTES:

- 1) Book Depreciation determined by applying current depreciation rates to pollution control investment.
- 2) Allocation of expense made on basis of plant investment.
- 3) Estimated incremental cost of non pollutant fuels.
- 4) Based on estimated power usage x average cost per KWH.

ATTESTATION

The foregoing report must be attested by an officer of the company.

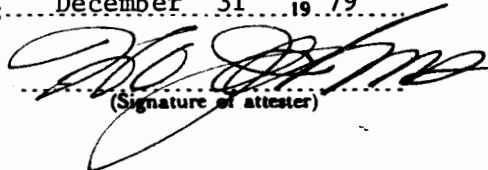
..... H. O. JOHNS certifies that
 (Insert here the name of the attester)

he is CONTROLLER
 (Insert here the official title of the attester)

of TAMPA ELECTRIC COMPANY
 (Insert here the exact legal title or name of the respondent)

that he has examined the foregoing report; that to the best of his knowledge, information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including

January 1 19 79 to and including December 31 19 79



 (Signature of attester)

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