

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of
FLORIDA POWER & LIGHT COMPANY,
(St. Lucie Nuclear Generating Station
Unit 2)

Docket No. 50-389

APPLICATION FOR PERMISSION TO TRANSFER
AN OWNERSHIP INTEREST TO THE CITY OF ORLANDO, FLORIDA
AND THE ORLANDO UTILITIES COMMISSION
AND FOR AMENDMENT TO CONSTRUCTION PERMIT NO. CPPR-144

FLORIDA POWER & LIGHT COMPANY ("Applicant" or "FPL") and the city of ORLANDO, Florida, a municipal corporation and Orlando Utilities Commission, a statutory commission under the laws of Florida (collectively "Orlando"), pursuant to 10 C.F.R. § 50.90 submit herewith this "Application for Permission to Transfer an Ownership Interest to the City of Orlando, Florida and the Orlando Utilities Commission and for Amendment to Construction Permit No. CPPR-144." The purposes of this application are to obtain permission for FPL to transfer to Orlando a partial ownership interest in St. Lucie Nuclear Generating Station, Unit 2 and the St. Lucie #2 Unit Site; and to request appropriate amendment of the Unit 2 construction permit upon transfer. Permission to transfer such ownership interests is required under Section 101 of the Atomic Energy Act (42 U.S.C. 2131).

In support of this application, Applicant and Orlando aver as follows:

1. On May 14, 1973 Applicant filed an application with the Atomic

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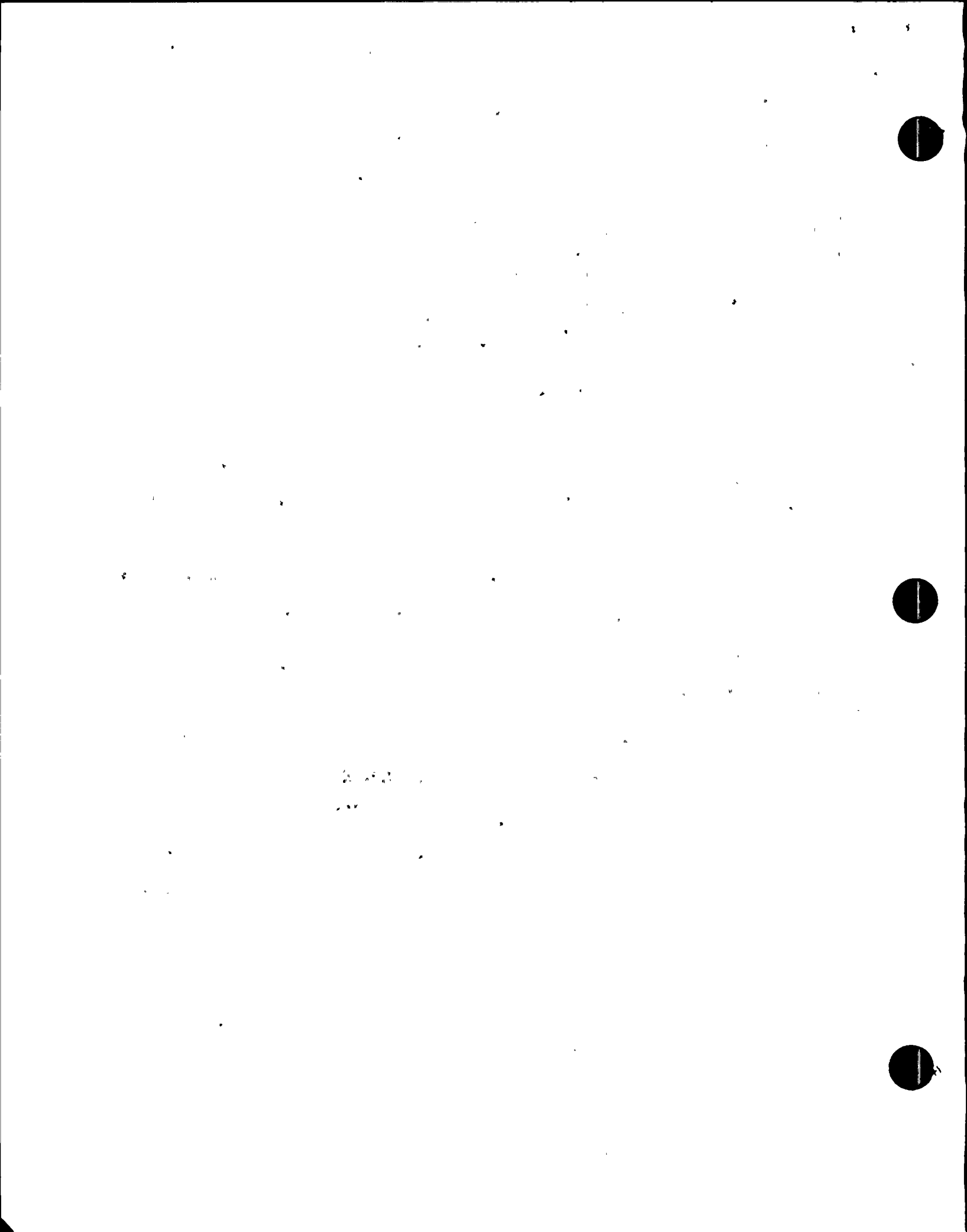


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Energy Commission ("Commission") for construction permit, operating license and other appropriate licenses for St. Lucie Unit No. 2. The application, as amended, contained the general, technical, financial and antitrust review information required by Commission regulations. Thereafter, the Commission Staff issued a report which concluded that St. Lucie Unit No. 2, as proposed in the application, could be constructed and operated at the proposed location without undue risk to the health and safety of the public. The application was also reviewed by the Advisory Committee on Reactor Safeguards. The Advisory Committee issued its report, dated December 12, 1974, which concluded that if due consideration were given to the concerns expressed in its report, Unit 2, as proposed in the application could be constructed and operated without undue risk to the health and safety of the public. The Commission Staff also prepared draft and final environmental statements as required by the National Environmental Policy Act of 1969 and Commission regulations, which concluded that construction and operation of Unit 2, subject to certain conditions, would not have an unacceptably adverse impact on the environment.

2. On May 14, 1973, FPL also submitted to the Atomic Energy Commission the antitrust portions of its application for permission to build St. Lucie Unit No. 2. In accordance with section 105(c)(1) of the Atomic Energy Act, a copy of the application was transmitted to the Attorney General requesting his advice on possible antitrust implications. The Attorney General did not recommend an antitrust hearing, instead proposing the Commission await the outcome of FPL's consideration of certain participation requests. Thereafter, FPL and the NRC Staff agreed upon antitrust conditions to be placed on any license which might issue for St. Lucie Unit No. 2. The commitments



made by FPL included offering the opportunity to purchase a reasonable ownership share of St. Lucie Unit No. 2 to certain entities, not including Orlando.

3. On May 2, 1977, the Nuclear Regulatory Commission issued to Applicant Construction Permit No. CPPR-144 for St. Lucie Unit No. 2 subject to the antitrust conditions described in Paragraph 2 above.

4. On August 6, 1976, Orlando joined by other parties, filed a petition requesting an antitrust hearing in connection with FPL's application for a construction permit for St. Lucie Unit No. 2. A hearing was ordered by the Atomic Safety and Licensing Board, which also granted Orlando's request for intervention, LBP-77-23, 5 NRC 789 (1977), affirmed ALAB-420, 6 NRC 8 (1977) CLI-78-12, 7 NRC 939 (1978). Subsequent to the above order FPL and Orlando entered into an agreement under which FPL has undertaken to transfer a 6.08951 percent ownership share in St. Lucie Unit No. 2 to Orlando, and Orlando has agreed to request leave to withdraw from the pending antitrust proceedings.

5. Applicant has contracted to sell and Orlando has contracted to purchase the ownership share in St. Lucie Unit No. 2 described above. Applicant and Orlando have agreed that certain conditions must be fulfilled prior to transferring to Orlando any ownership interest in St. Lucie Unit 2, or any portion of the Unit Site. Among these conditions is FPL's obtainment of an amendment to the construction permit issued by the Nuclear Regulatory Commission naming Orlando as a co-licensee.

6. Section 101 of the Atomic Energy Act (42 U.S.C. 2131) requires Orlando to obtain Commission approval as a condition precedent to becoming



an owner of an interest in St. Lucie Unit No. 2. Accordingly, FPL hereby applies for Commission authorization to transfer to Orlando the ownership interest described above and for an amendment to the St. Lucie Unit No. 2 construction permit that would add Orlando as "Applicant" under the permit upon notice to the Commission by FPL that the ownership interest has been transferred by FPL to Orlando.

7. The relationship between the City of Orlando and the Orlando Utilities Commission is that the Orlando Utilities Commission is a part of the government of the City of Orlando but title to real estate is normally taken in the name of both the City of Orlando and the Orlando Utilities Commission. The Orlando Utilities Commission, however, has sole responsibility to provide municipal electric service to the City of Orlando. The following information pertaining to the Orlando Utilities Commission is found attached hereto in the appendices referred to:

- A. Appendix A: the general information required by 10 C.F.R. § 50.33;
- B. Appendix B: the financial qualifications information required by 10 C.F.R. § 50.33(f);
- C. Appendix C: the antitrust information required by 10 C.F.R. § 2.101(a) (5), 50.33a, 10 C.F.R., Part 50, Appendix L and Commission Regulatory Guide 9.2 (Revision 1).

Each of these appendices is by this reference incorporated herein.

8. The Orlando City Commission and Orlando Utilities Commission have resolved to acquire an ownership interest in St. Lucie Unit No. 2 and verify



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that the information herein submitted and referred to in Paragraph 7 above is true and correct.

9. No environmental impact requiring an environmental impact statement pursuant to 10 C.F.R., Part 51 is created by the contemplated transfer of a partial ownership interest in St. Lucie Unit 2 by FPL to Orlando because such transfer does not involve any design or other physical changes to Unit 2, any changes in the transmission or other facilities associated with Unit 2, any increase or change in effluents created by Unit 2, or any increase in the authorized power levels for Unit 2.

10. The contemplated transfer of partial ownership to Orlando does not involve any change whatsoever in the exclusive responsibility and control to be exercised by FPL over the physical construction, operation and maintenance of Unit 2. Therefore, the proposed amendment to the Unit 2 construction permit is deemed not to involve either an "unreviewed safety question" or a "significant hazards consideration" as these phrases are used in 10 C.F.R. §§ 2.105, 50.59(a) and 50.91, and Section 189a of the Atomic Energy Act (42 U.S.C. 2239).

11. In the event this application is approved by the Commission, Orlando agrees pursuant to 10 C.F.R. § 50.37 that it will not permit any individual to have access to "Restricted Data," as that term is defined in 10 C.F.R. § 50.2(o), until the Civil Service Commission shall have made an investigation and report to the Commission on the character, associations, and loyalty of such individual, and the Commission shall have determined that permitting such person to have access to Restricted Data will not endanger the common defense and security.



WHEREFORE, Applicant and Orlando request the following relief:

1. That Florida Power & Light Company be granted permission to transfer to the City of Orlando, Florida and the Orlando Utilities Commission an undivided 6.08951 percent co-tenancy ownership interest in St. Lucie Nuclear Generating Station, Unit 2 and Unit Site including the easement appurtenant thereto.

2. That upon transfer of the above ownership interest to the City of Orlando, Florida and the Orlando Utilities Commission and upon written notification to the Director of the Office of Nuclear Reactor Regulation by Florida Power & Light Company that such a transfer of ownership interests to the City of Orlando, Florida and the Orlando Utilities Commission has been consummated, Construction Permit No. CPPR-144 shall be amended to provide that the City of Orlando, Florida and the Orlando Utilities Commission be named as "Applicant" therein, in addition to Florida Power & Light Company.

Subscribed on this 5th day of June 1980.

Respectfully submitted,

FLORIDA POWER & LIGHT COMPANY

By E. A. Adomat
E. A. Adomat
Executive Vice President

Subscribed and sworn to before me this 13 day of June

Cheryl L. Friedrich
Notary Public, State of Florida at Large
My Commission Expires October 30, 1983
Bonded thru Maynard Bonding Agency

APPROVED AS TO FORM AND LEGALTY
June 4, 1980

Shirley Gurney
Attorney for Orlando Utilities
Commission

City of Orlando
By M. Shelton Adams
M. Shelton Adams, Mayor Pro tem

Notary Public, State of Florida at Large
My Commission Expires Day of June, 1980.

Patricia A. Juss Notary
APPROVED AS TO FORM AND LEGALTY 6-4 1980
Richard D. Odham, III
ASSISTANT CITY ATTORNEY
ORLANDO, FLORIDA

G. Michael Miller
G. Michael Miller
Deputy City Clerk
Orlando Utilities Commission

By [Signature]
President
Subscribed and sworn to before me this 2nd day of June, 1980.

Virginia E. Crane
Notary Public, State of Florida at Large
My Commission Expires Day of June, 1980
Bonded By American Fire & Casualty Company

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GENERAL INFORMATION REQUIRED BY 10CFR 50.33

10CFR 50.33

- (a) Orlando Utilities Commission
- (b) 500 South Orange Avenue
Orlando, Florida 32801
- (c) Electric and water utility
- (d)(1) N/A
- (d)(2) N/A
- (d)(3)(i) Organized as a Special District under the laws of Florida with the principal location for business in Orlando, Florida
- (d)(3)(ii)
- | | |
|---|--|
| Mr. Charles J. Hawkins
2215 W. Gore Avenue
Orlando, FL 32805 | President |
| Ms. Grace C. Lindblom
2000 Countryside Circle N
Orlando, FL 32804 | First Vice President |
| Mr. H.E. Gene Johnson
245 W. Spruce Street
Orlando, FL 32804 | Second Vice President |
| Mr. Grover C. Bryan
1271 Spring Lake Drive
Orlando, FL 32804 | Commissioner |
| Mayor Carl T. Langford
2001 Valencia
Orlando, FL 32803 | Mayor - Commissioner |
| Mr. C.H. Stanton
740 Alba Drive
Orlando, FL 32804 | Executive Vice President,
General Manager & Secretary |
| Mr. H.C. Luff, Jr.
950 Terrace Blvd.
Orlando, FL 32803 | Assistant General Manager |
| Mr. Louis E. Stone
902 Sweetbriar Road
Orlando, FL 32806 | Manager of Electric Operations |
| Mr. T.C. Pope, Jr.
723 Baxter Avenue
Orlando, FL 32806 | Manager of Water Operations |
| Mr. H.H. Walker
525 Florida Avenue
Orlando, FL 32806 | Manager of Financial Operations
& Assistant Secretary |



(d)(3)(ii) (cont)

Mr. Stephen P. Willis
4716 Jamerson Place
Orlando, FL 32807

Manager of Support Operations

Mrs. Dorothy H. Crays
1100 Delaney Avenue Apt. H12
Orlando, FL 32806

Assistant Secretary

All of the above are U.S. citizens.

- I. (d)(3)(iii) The applicant is not owned, controlled nor dominated by an alien, a foreign corporation, nor a foreign government.
- (d)(4) N/A

FINANCIAL QUALIFICATION INFORMATION REQUIRED BY 10 CFR 50.33(f)

10 CFR 50.33(f)

- (1) It is the intention of the applicant to issue revenue bonds in an amount sufficient to provide the necessary funds to completely finance its portion of the cost of the facility.
- (2) Copy of the applicant's Annual Report as of September 30, 1979 and interim Comparative Financial Statements and Statistics as of February 28, 1980 (Attachments B-1 and B-2).
- (3) Copy of the applicant's Expansion Plan Analysis (Attachment B-3)

ORLANDO UTILITIES COMMISSION

1979

ANNUAL REPORT





ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE • P. O. BOX 3193 • ORLANDO, FLORIDA 32802 • 305/423-9100

MANAGEMENT'S REPORT

Operations for the year ended September 30, 1979 reflect an increase in gross revenues of 24.5% for electric operations and 7.8% for water operations. The substantial increase in electric gross revenue is directly attributable to the pass through of the increased cost of fuel oil (42.2%). Other operating expenses for electric operations (excluding depreciation) decreased 2.6%. Water operating expenses increased 9.2%. This reflects the effort by the Commission to control costs when compared to an inflation rate of approximately 12%.

Statistical data relating to electric and water operations for the fiscal years ended September 30, 1979 and 1978 is as follows:

	Amount		Percent	
	1979	1978	Incr	(Decr)
Active Services at 9/30:				
Electric	82,882	81,216	2.1	3.1
Water	64,597	62,549	3.3	2.8
Average Annual Usage:				
Electric (kilowatt-hour)				
Residential	11,988	12,321	(2.7)	1.9
Small Commercial	20,855	20,972	(0.6)	0.7
Water (1,000 gallons)	234	222	5.4	(3.1)
Average Price to Customers:				
Electric (kilowatt-hour)				
Residential	3.83¢	3.72¢	3.0	(5.6)
Small Commercial	4.76¢	4.68¢	1.7	(7.1)
Water (1,000 gallons)	56.55¢	57.04¢	(0.9)	3.1

We were able to lower our basic electric rates this year because of increased bulk sales of electricity to other utilities. This was made possible to a certain extent by our maintenance of a high degree of generating unit availability. The rates were adjusted effective September 1, 1979, to provide approximately \$1.4 million less revenue. Water rates were also adjusted to provide an additional \$146,000 in revenues.

ROVER C. BRYAN
President

CHARLES J. HAWKINS
First Vice President

GRACE C. LINDBLOM
Second Vice President

ARL T. LANGFORD

HENRY T. MEINER
Immediate Past President

CURTIS H. STANTON
Executive Vice President
& General Manager

J. THOMAS GURNEY, SR.
General Counsel
P. O. Box 1273
Orlando, FL 32802
305/843-9500

As noted last year, the Commission has a participation agreement with the City of Lakeland, Florida, for the joint ownership (Lakeland - 60%, Orlando Utilities Commission - 40%) of a 364 megawatt coal-fired generating plant. Construction of this plant (C. D. McIntosh Plant Unit #3) was commenced during this fiscal year. At September 30, 1979, we had expended approximately \$16.7 million of an estimated cost to us of \$75 million. It is anticipated that this unit will come on line in 1982.

To partially finance the construction of McIntosh Unit #3, we sold \$40 million of revenue bonds during the current year. This is part of an authorization of \$225,330,000 of which \$75,000,000 remains unissued. These bonds received a rating of Aa and AA by the rating agencies which is consistent with our previous issue.

During the current year we began a cash management program utilizing a pooled investment account as explained in NOTE A to the Financial Statements which follow. Combining cash resources of several funds enables us to purchase larger and therefore more profitable investments.

We recognize the importance of electricity and water to our customers and the need to be less dependent on petroleum, as cited in the National Energy Act. With this in mind, we are investigating other sources of power (coal, nuclear, and solid waste) in our continuing effort to provide reliable service as well as good quality water at reasonable costs to our customers.



C. H. STANTON

Executive Vice President
and General Manager
Orlando Utilities Commission



Ernst & Whinney Certified Public Accountants

332 North Magnolia Ave.
P.O. Box 3426
Orlando, Florida 32802

305/841-2050

Orlando Utilities Commission
Orlando, Florida

We have examined the balance sheets of the Orlando Utilities Commission as of September 30, 1979 and 1978, and the related statements of income and accumulated retained earnings and changes in financial position for the years then ended. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above present fairly the financial position of the Orlando Utilities Commission at September 30, 1979 and 1978, and the results of its operations and the changes in its financial position for the years then ended, in conformity with generally accepted accounting principles applied on a consistent basis.

Ernst & Whinney

Orlando, Florida
December 7, 1979

BALANCE SHEETS

ORLANDO UTILITIES COMMISSION

	September 30	
	1979	1978
ASSETS.		
UTILITY PLANT		
In service:		
Electric	\$201,202,982	\$196,755,277
Water	47,911,304	43,899,677
Common	11,838,795	11,668,344
Allowances for depreciation and amortization (deduction)	<u>(90,266,585)</u>	<u>(83,818,587)</u>
	170,686,496	168,504,711
 Construction work in progress--Notes A and E	 <u>24,955,636</u>	 <u>9,031,328</u>
	195,642,132	177,536,039
 RESTRICTED ASSETS--Notes A and B		
Debt service funds	22,602,963	15,664,661
Construction and related funds	<u>44,826,980</u>	<u>18,402,724</u>
	67,429,943	34,067,385
 CURRENT ASSETS		
Cash	161,270	356,084
Short-term investments	-0-	14,705,000
Pooled investments--Note A	10,900,283	-0-
Customer accounts receivable, less allowance for doubtful accounts (1979--\$217,318; 1978--\$196,531)	11,367,933	8,311,813
Accrued utility revenues	4,767,912	3,679,358
Materials and supplies	7,050,995	5,810,235
Accrued interest receivable	154,524	218,136
Miscellaneous receivables, prepaid expenses and deferred charges	<u>293,868</u>	<u>396,512</u>
	34,696,785	33,477,138
	 <u>\$297,768,860</u>	 <u>\$245,080,562</u>

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	September 30	
	1979	1978
CAPITALIZATION AND LIABILITIES		
CAPITALIZATION		
Equity:		
Accumulated retained earnings:		
Appropriated for debt service	\$ 17,962,375	\$ 12,236,214
Invested in or appropriated for utility plant and working capital	103,994,673	103,667,986
	<u>121,957,048</u>	<u>115,904,200</u>
Contributed capital	5,884,072	4,515,014
	<u>127,841,120</u>	<u>120,419,214</u>
Long-term debt--Note C:		
Bond principal	150,330,000	110,330,000
Unamortized discount and expense (deduction)	(469,732)	-0-
	<u>149,860,268</u>	<u>110,330,000</u>
	277,701,388	230,749,214
CURRENT LIABILITIES--payable from restricted assets		
Accrued interest payable on long-term debt	4,640,588	3,428,447
CURRENT LIABILITIES--payable from current assets		
Accounts payable and accrued expenses	6,525,003	3,800,435
Customer meter deposits and interest thereon	2,252,249	2,311,188
Collections for state and political subdivisions	2,153,374	1,919,354
Due to the General Fund of the City of Orlando--Note D	2,099,070	484,578
	<u>13,029,696</u>	<u>8,515,555</u>
OTHER LIABILITIES		
Customer water and electric line extension deposits	2,397,188	2,387,346
COMMITMENTS AND CONTINGENT LIABILITIES--Note E		
	<u>\$297,768,860</u>	<u>\$245,080,562</u>

See notes to financial statements

STATEMENTS OF INCOME AND ACCUMULATED RETAINED EARNINGS

ORLANDO UTILITIES COMMISSION

	Year Ended September 30	
	1979	1978
Operating revenues	\$118,948,769	\$ 96,649,494
Operating expenses:		
Production	76,158,045	56,810,200
Transmission and distribution	5,000,302	5,155,871
Customer accounting	2,092,358	1,988,964
General and administrative	5,527,792	4,826,196
State utilities tax	1,065,693	1,023,166
Consumer education	118,844	111,411
Payments to the General Fund of the City of Orlando--Note D	<u>3,032,403</u>	<u>2,860,474</u>
	92,995,437	72,776,282
OPERATING INCOME	<u>25,953,332</u>	<u>23,873,212</u>
Depreciation--Note A	<u>7,496,659</u>	<u>7,412,202</u>
	18,456,673	16,461,010
Interest and other income	<u>5,466,360</u>	<u>3,349,538</u>
	23,923,033	19,810,548
Other deductions--principally interest	<u>7,601,185</u>	<u>5,342,253</u>
INCOME BEFORE EXTRAORDINARY ITEM	16,321,848	14,468,295
Extraordinary item--gain on advance refunding of long-term debt--Note G	<u>-0-</u>	<u>11,686,231</u>
NET INCOME	16,321,848	26,154,526
Accumulated retained earnings at beginning of year	<u>115,904,200</u>	<u>96,009,674</u>
	132,226,048	122,164,200
Less transfers to the General Fund of the City of Orlando--Note D	<u>(10,269,000)</u>	<u>(6,260,000)</u>
ACCUMULATED RETAINED EARNINGS AT END OF YEAR	<u>\$121,957,048</u>	<u>\$115,904,200</u>

See notes to financial statements



STATEMENTS OF CHANGES IN FINANCIAL POSITION

ORLANDO UTILITIES COMMISSION

	Year Ended September 30	
	1979	1978
SOURCE OF FUNDS		
Income before extraordinary item	\$16,321,848	\$ 14,468,295
Charges to operations not requiring current outlay of working capital:		
Depreciation and amortization	7,948,773	7,810,044
Amortization of bond discount and expense	2,747	46,867
TOTAL FROM OPERATIONS BEFORE EXTRAORDINARY ITEM	24,273,368	22,325,206
Extraordinary item--gain on advance refunding of long-term debt	-0-	11,686,231
Amortization of bond discount and expense not requiring current outlay of working capital	-0-	1,308,769
TOTAL FROM OPERATIONS	24,273,368	35,320,206
Proceeds from the sale of revenue bonds	40,000,000	110,330,000
Contributed capital	1,369,058	772,737
Increase in restricted liabilities	1,212,141	830,568
Increase in other liabilities	9,842	439,102
	66,864,409	147,692,613
APPLICATION OF FUNDS		
Additions to utility plant--net	26,054,866	9,055,228
Transfers to the General Fund of the City of Orlando	10,269,000	6,260,000
Reduction of long-term debt	-0-	126,885,000
Increase in restricted assets	33,362,558	522,617
Expenses attributable to sale of revenue bonds	472,479	-0-
	70,158,903	142,722,845
INCREASE (DECREASE) IN WORKING CAPITAL	<u>\$ (3,294,494)</u>	<u>\$ 4,969,768</u>
CHANGES IN COMPONENTS OF WORKING CAPITAL		
Increase (decrease) in current assets:		
Cash	\$ (194,814)	\$ 56,833
Investments	(3,804,717)	8,105,000
Customer accounts receivable	3,056,120	1,763,579
Materials and supplies	1,240,760	(1,102,028)
Other receivables and accounts	922,298	(1,896,378)
	1,219,647	6,927,006
Increase (decrease) in current liabilities:		
Accounts payable and accrued expenses	2,724,568	1,222,660
Utility plant construction contracts	-0-	(23,466)
Customer meter deposits and interest thereon	(58,939)	373,240
Collections for state and political subdivisions	234,020	221,609
Due to the General Fund of the City of Orlando	1,614,492	163,195
	4,514,141	1,957,238
INCREASE (DECREASE) IN WORKING CAPITAL	<u>\$ (3,294,494)</u>	<u>\$ 4,969,768</u>

See notes to financial statements



NOTES TO FINANCIAL STATEMENTS

ORLANDO UTILITIES COMMISSION

NOTE A--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Utility Plant: Utility plant is stated at original cost of construction which includes payroll and related cost, general and administrative cost and cost of equipment used in construction. It is the policy of the Commission not to capitalize interest during construction.

Undivided Interest in Joint Projects: The Commission accounts for undivided ownership interests in electric generation plants with other utilities based on the pro rata share of the projects' assets, liabilities, revenues and expenses.

Depreciation and Maintenance: The utility plant is being depreciated using the straight-line method, at rates calculated to amortize the cost over the estimated economic useful lives of the assets. Such amounts are charged to depreciation or operating expense.

The Commission charges maintenance with the cost of repairs and minor renewals of property, and the plant accounts with the cost of renewals and replacement of property units. The cost of significant unusual repairs are deferred and amortized over periods not exceeding 24 months.

Pooled Investments: During the year ended September 30, 1979 the Commission created a pooled investment account whereby all investments (restricted and unrestricted) except for those in the Invested Sinking Fund, have been placed in this account. The investments consist mainly of time certificates of deposit, debt instruments of federal agencies, and securities held under repurchase agreements. These investments are carried at cost, which approximates market. Pooled investments by classification at September 30, 1979 consisted of \$60,600,957 in restricted assets and \$10,900,283 in current assets. (See Note B)

Materials and Supplies: Materials and supplies are stated at average cost.

Reclassifications: Certain items on the balance sheet as of September 30, 1978 have been reclassified to be comparative to current year classifications.

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE B--RESTRICTED ASSETS

Restricted assets consist of the following funds:

	September 30		Increase
	1979	1978	(Decrease)
Sinking Fund	\$11,158,485	\$ 6,417,412	\$ 4,741,073
Sinking Fund Reserve	11,444,478	9,247,249	2,197,229
Renewal and Replacement Fund	7,226,621	6,288,426	938,195
Construction Trust Funds	37,600,359	12,114,298	25,486,061
TOTALS	<u>\$67,429,943</u>	<u>\$34,067,385</u>	<u>\$33,362,558</u>

The above funds are classified in the balance sheet as:

Debt service funds	\$22,602,963	\$15,664,661	\$ 6,938,302
Construction and related funds	44,826,980	18,402,724	26,424,256
TOTALS	<u>\$67,429,943</u>	<u>\$34,067,385</u>	<u>\$33,362,558</u>

The funds consist of:

Cash and Certificates of Deposit	\$ 1,648	\$ 4,375,505	
United States Treasury securities-- at cost (approximate market value: 1979--\$5,691,000; 1978-- \$25,875,000)	5,690,407	25,754,567	
Short-term investments	-0-	3,479,000	
Pooled investments--Note A	60,600,957	-0-	
Interest receivable	1,136,931	399,355	
Orlando Utilities Commission Revenue Bonds--at cost	-0-	58,958	
TOTALS	<u>\$67,429,943</u>	<u>\$34,067,385</u>	



NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE C--LONG-TERM DEBT

By resolution dated April 18, 1978 and amended May 15, 1978, the Commission provided for the advance refunding of all of its water and electric revenue bonds outstanding at April 1, 1978 in the aggregate principal amount of \$123,325,000 (Refunded Bonds) by the sale of \$110,330,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 and \$94,650,000 Special Obligation Bonds, Series 1978. From the proceeds of the sale of the two issues, monies were invested in United States obligations in an irrevocable Escrow Deposit Trust Fund. Such United States obligations will mature at such time and in such amounts so as to provide sufficient funds for the payment of maturing principal and interest on the Refunded Bonds. All interest earned or accrued on the United States obligations has been pledged and will be used for the payment of the principal and interest on the Special Obligation Bonds, Series 1978. The Refunded Bonds are treated as extinguished debts in the accompanying financial statements even though the Refunded Bonds do not have a provision for defeasance. The transaction has been accounted for in the same manner as a defeased transaction because the obligation of the Commission for the Refunded Bonds has been satisfied in substance although not in form.

On July 27, 1979 the Commission issued \$40 million Water and Electric Revenue Refunding and Improvement Bonds, Series 1978A as part of the April 18, 1978 resolution, as amended.

The Series 1978 and 1978A are payable from and secured by a first lien upon the pledge of the net revenues derived by the Commission from the operation of the water and electric system and from investment income earned on monies and obligations in certain sinking fund accounts.

Bonds outstanding as of September 30 are as follows:

	1979	1978
1978 series, 5.8%-6.375%, due serially 1994 to 2008	\$110,330,000	\$110,330,000
1978A series, 5.6%-6.4%, due serially 1993 to 2008	40,000,000	-0-
TOTALS	<u>\$150,330,000</u>	<u>\$110,330,000</u>



NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE D--PAYMENTS AND TRANSFERS--GENERAL FUND OF THE CITY OF ORLANDO

The Commission makes payments based on gross revenues from services within the City to the General Fund of the City of Orlando which are considered operating expenses. The Commission transfers additional monies to the General Fund of the City of Orlando based on the Commission's income.

NOTE E--COMMITMENTS AND CONTINGENT LIABILITIES

- (1) By resolution, the Orlando Utilities Commission, on July 12, 1955, appropriated \$180,000 annually for a period of 26 years commencing April 1, 1955, for the retirement of the Sewer Revenue Bonds of the City of Orlando dated April 1, 1955, in the amount of \$5,438,000. By an agreement between the City and the Orlando Utilities Commission, the Commission may offset this contribution against the City of Orlando utilities tax. The agreement whereby the Commission pledges \$180,000 of its revenues annually has become a part of the agreement between the City of Orlando and the bondholders and, therefore, it is a contingent liability ranking junior only to obligations of the Orlando Utilities Commission to the holders of its Water and Electric Revenue Bonds. This liability becomes payable only if the utilities tax is inadequate and thereafter the City fails to reimburse the Commission from other utility tax revenues and also fails to levy a sewer tax as required.
- (2) On December 22, 1969, the Orlando Utilities Commission pledged \$480,000 of its annual revenues in connection with the issuance by the City of Orlando of \$5,500,000 Improvement Revenue Bonds. This pledge is for a period of 22 years from the date of issuance by the City of the Improvement Revenue Bonds or such longer period as shall be required to pay and retire all principal and interest on said bonds. This lien on the revenues derived from the Utilities shall be junior and subordinate to the lien of the holders of any obligations of the Commission outstanding or pari passu obligations hereinafter issued for purposes of the Commission, and to the annual payment for the retirement of the Sewer Revenue Bonds described in the preceding paragraph, but shall be prior and superior to any lien, pledge or encumbrance hereafter made of such revenues for any purposes other than said obligations of this Commission for water or electric purposes, and said annual Sewer Revenue Bond payment.

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE E--COMMITMENTS AND CONTINGENT LIABILITIES--CONTINUED

- (3) The approximate cost to complete construction contracts in progress entered into as of September 30, 1979 is \$12,900,000. It is currently anticipated that additional future expansion program costs, planned for the next three years will approximate \$85 million. These amounts include a joint project with the City of Lakeland to construct a 364 MW steam-electric generating plant to be located in Lakeland. The Commission will have a 40% ownership in the generating plant and be entitled to 40% of its capacity.
- (4) The Commission leases real estate for a fuel supply terminal under an operating lease through the year 2023. Future minimum payments for this lease at September 30, 1979 are \$11,880 annually.
- (5) The Commission has filed a claim against the bonding company of a contractor alleging damages for delays in the performance of certain construction contracts. If the Commission is unable to show delay damage, retainages of approximately \$500,000 would be due the contractor. The accompanying financial statements do not include a provision for liability, if any, that may result from settlement thereof.
- (6) The Commission was one of the defendants in an alleged class action lawsuit brought against the City of Orlando and Orange County, as well as the Commission. The lawsuit sought to enjoin the making of payments by the Commission to Orange County of one percent (1%) of the Commission's gross electric revenues earned outside the City and to require repayment of the amounts paid amounting to about \$12,000 per month since March 1973. Secondly, it sought to enjoin the Commission from paying to the General Fund of the City any part of the Commission's net income, which is currently the practice. The complaint was amended February 7, 1978, to allege that rates charged for utilities services are unreasonable, that payment for certain expenses are unreasonable and to seek an injunction for overcharges from 1970 to date plus attorneys' fees. The court has decided in favor of the defendants. The plaintiffs, however, have filed an intent to appeal the decision.
- (7) The Environmental Protection Agency has issued a permit for the Commission's Indian River electric generating plant which requires the Commission to provide an off-stream water cooling system for such plant by some date in the mid-1980's in the event that an ecological study, in the opinion of the Agency, shows that the present cooling system is doing substantial damage to the ecological system of the

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE E--COMMITMENTS AND CONTINGENT LIABILITIES--CONTINUED

adjacent portion of the Indian River. The cost to the Commission of such study is estimated to be \$1,300,000 of which approximately \$800,000 has been incurred as of September 30, 1979. The final determination of the Agency is appealable to the courts. If construction of off-stream cooling facilities were begun now, it is estimated that they would cost approximately \$20,000,000.

- (8) In August 1978, the Commission adopted a plan of paying employees having at least two years of employment for a portion of their unused sick leave accumulated at the date they terminate or retire. The maximum estimated liability, calculated on the basis of unused sick leave for eligible employees at September 30, 1979 is approximately \$775,000. It is the policy of the Commission to record the costs of the plan only as benefits are paid. Benefit payments for the year ended September 30, 1979 were \$38,508.

NOTE F--PENSION PLAN

The Orlando Utilities Commission has a pension plan covering substantially all employees. The total pension expense for the years 1979 and 1978 was \$1,622,763 and \$1,390,132, respectively, which includes amortization of past service costs over a period of approximately 30 years. The funding method used is the entry age normal with the initial unfunded accrued liability frozen. Funding is by a Deposit Administration Contract. As of September 1, 1979, the anniversary date of the plan, the Pension Fund assets exceeded the actuarially computed value of vested benefits.

NOTE G--EXTRAORDINARY ITEM

As a result of the April 1978 advance refunding of the Commission's outstanding revenue bonds as explained in Note C, a gain was recognized in accordance with generally accepted accounting principles. The recorded gain (non-current cash) was computed as follows:

Net carrying amount of refunded debt	\$123,325,000
Less unamortized discount and issue costs	<u>1,308,769</u>
	122,016,231
Refunding bonds issued	<u>110,330,000</u>

GAIN (NON-CURRENT CASH) ON
ADVANCE REFUNDING OF BONDS \$ 11,686,231

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE H--BUSINESS SEGMENTS

The Commission operates in two business segments, the generation, transmission and distribution of electricity and the production, treatment, transmission and distribution of water. A summary of the segment information is summarized below:

	<u>Electric</u>	<u>Water</u>	<u>Administration</u>	<u>Total</u>
Year Ended <u>September 30, 1979</u>				
Operating revenues	\$109,940,707	\$ 9,008,062	\$ -0-	\$118,948,769
Operating income	21,950,648	4,002,684	-0-	25,953,332
Identifiable assets	243,607,004	42,579,933	11,581,923	297,768,860
Depreciation	6,485,817	1,010,842	-0-	7,496,659
Capital expenditures	23,463,953	2,744,463	-0-	26,208,416
Year Ended <u>September 30, 1978</u>				
Operating revenues	\$ 88,289,612	\$ 8,359,882	\$ -0-	\$ 96,649,494
Operating income	20,094,153	3,779,059	-0-	23,873,212
Identifiable assets	195,214,805	42,331,574	7,534,183	245,080,562
Depreciation	6,463,830	948,372	-0-	7,412,202
Capital expenditures	7,078,492	2,142,883	-0-	9,221,375

Operating revenue of the electric segment includes approximately \$13 million in interchange sales to another utility for each of the years ended September 30, 1979 and 1978.

NOTE I--INCOME TAXES

In the opinion of the Commission and its counsel, the enterprise is exempt from federal and state income taxes.

ORLANDO UTILITIES COMMISSION

1980

COMPARATIVE
FINANCIAL STATEMENTS
AND
STATISTICS

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE CONSOLIDATED STATEMENT OF FINANCIAL CONDITION AT FEO

	1980	1979		1980	1979
UTIL PLNT			CAPITALIZATION		
IN SVC			RETN EARN		
ELEC	202,004,815	195,837,495	BAL AT BEG	120,792,279-	97,791,338-
WATR	48,169,323	43,667,915	NET INCH	13,156,238-	29,251,941-
COMM	15,178,658	14,579,173	XFR TO CITY (NOTE A)	10,627,200	6,251,000
TOTAL	265,352,796	254,084,583	TOTAL RETN EARN	123,321,317-	120,792,279-
ACCUM DEPN			CIAC		
ELEC	72,511,461-	66,651,941-	ELEC	1,403,452-	1,150,535-
WATR	13,091,999-	12,188,964-	WATR	5,156,650-	3,724,920-
COMM	7,262,757-	6,879,860-	COMM	809-	809-
TOTAL	92,866,217-	85,720,765-	TOTAL	6,560,951-	4,876,264-
NET PLNT			LONG TERM DEBT		
ELEC	129,493,354	129,185,554	1978	110,330,000-	110,330,000-
WATR	35,077,324	31,478,951	1978A	40,000,000-	
COMM	7,915,901	7,699,313	TOTAL	150,330,000-	110,330,000-
TOTAL	172,486,579	168,363,818	UNAM BOND DISC	462,865	
CWIP			TOTAL LONG TERM DEBT	149,867,135-	110,330,000-
ELEC	38,187,498	8,918,149			
WATR	1,801,773	3,650,002	TOTAL CAPITAL	279,749,403-	235,998,543-
COMM	225,823	80,634	CURR LIAB REST		
TOTAL	40,215,094	12,648,785	ACCR BOND INTR	3,867,156-	2,857,040-
TOTAL PLNT	212,701,673	181,012,603	CURR LIAB		
REST FUND			ACCT PAY	4,382,780-	3,793,381-
BOND SINK	12,023,477	7,181,543	ACCR EXP-PAYR	201,543-	93,819-
SINK FUND RESV	11,444,478	9,182,869	-TAX (UTIL AND USE)	266,518-	202,437-
RENEW AND REPL FUND	7,540,394	7,226,491	-XFR TO CITY	1,118,341-	269,756-
CONST FUNDS	19,608,887	11,013,775	-PMT TO CNTY	25,451-	21,056-
TOTAL REST FUND	50,617,236	34,604,678	TAX COLL-PAYR	172,920-	73,917-
CURR ASST			-STAT OF FLA	111,725-	59,219-
CASH	8,248,459	14,833,132	-CITY OF ORL	248,913-	245,054-
ACCT RECV CUST	8,849,398	8,355,255	SVC COLL-CITY AND CNTY	1,110,363-	1,043,584-
ACCT RECV PUBL	17,053	26,307	-PAYR DEB	16,227-	13,183-
ACCT RECV OTHR	338,459	217,665	TOTAL CURR LIAB	7,654,781-	5,855,403-
INV FUEL	6,363,511	2,045,305	CUST FUND		
INV MATL	3,525,659	3,012,848	DEPS (INCL INTR)	2,335,063-	2,383,769-
PPD EXP	1,014,246	1,166,876	ADVS	1,873,734-	1,928,250-
ACCR INCM INTR RECV	185,698-	603,371	CIAC	816,238-	508,523-
ACCR INCM NON BILL SALE	4,767,912	3,679,358	OTHR	48,150-	30,960-
OTHR CURR ASST	86,617	5,090	TOTAL CUST FUND	5,073,185-	4,851,502-
TOTAL CURR ASST	33,025,616	33,945,207			
TOTAL ASST	296,344,525	249,562,488	TOTAL CAPITAL AND LIAB	296,344,525-	249,562,488-

NOTE A - See Overleaf

*Includes \$11,686,231 gain on debt refunding LAST YEAR

ORLANDO UTILITIES COMMISSION

COMPUTATION OF CITY PAYMENT

FOR THE FISCAL YEAR ENDING, SEPTEMBER 30, 1980

FEBRUARY 1980

Net Income 1978	\$ 14,468,000
1979	15,000,000
1980	14,741,000
1981	10,600,000
1982	12,200,000
	<hr/>
TOTAL	\$ 67,009,000
5 Year Average	\$ 13,402,000
50%	\$ 6,701,000
Monthly 3 @	\$ 484,000
Monthly 1 @	\$ 781,800
Monthly 8 @	\$ 558,400

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE CONSOLIDATED STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
10,517,993-	9,434,404-	1,083,589	11.5	ELEC REV	114,150,908-	95,605,363-	18,545,545	19.4
637,730-	642,035-	45,695	7.1	WATR REV	9,013,204-	8,766,592-	246,612	2.8
11,205,723-	10,076,439-	1,129,284	11.2	TOTL REV	123,164,112-	104,371,955-	18,792,157	18.0
9,063,891	5,955,685	3,108,206	52.2	ELEC OCM EXP	85,334,705	64,577,237	20,757,468	32.1
277,409	216,738	60,671	28.0	WATR OCM EXP	2,921,997	2,629,245	292,752	11.1
235,737	171,145	64,642	37.8	CUST ACCTG	2,197,023	2,018,293	178,730	8.9
14,905	9,407	5,498	58.4	MKTG	130,555	113,653	16,502	14.9
329,468	315,833	13,635	4.3	GENL ADMN	5,525,674	4,931,083	594,591	12.1
112,547	97,703	14,844	15.2	STAT UTIL	1,207,274	1,016,742	190,532	18.7
230,442	250,809	29,633	11.8	CITY SUPP XFR-EL	3,011,505	2,644,882	366,623	13.9
19,599	18,947	652	3.4	CITY SUPP XFR-WA	247,580	245,156	2,424	1.0
25,451	21,056	4,395	20.9	ORAN CNTY PNT	268,779	230,773	38,006	16.5
10,359,499	7,057,323	3,302,176	46.8	TOTL EXP	100,845,092	78,407,064	22,438,028	28.6
846,224-	3,019,116-	2,172,892-	72.0	INCM BEFORE DEPN	22,319,020-	25,964,891-	3,645,871-	14.0
543,536	524,920	18,586	3.5	ELEC DEPN & AMOR	6,466,414	6,258,830	207,584	3.3
79,936	70,702	9,234	13.1	WATR DEPN	1,017,877	852,090	165,787	19.5
18,112	17,183	929	5.4	CCKM DEPN	215,304	277,410	62,106-	22.4
204,670-	2,406,311-	2,201,641-	91.5	SYST INCM	14,619,425-	18,576,561-	3,957,136-	21.3
10,612-	21,952-	11,940-	54.4	LEAS INCM	151,879-	205,152-	53,273-	26.0
214,632-	2,428,263-	2,213,581-	91.2	CPNS INCM	14,771,304-	18,781,713-	4,010,409-	21.4
985,992-	355,817-	530,175		INTR INCM	6,057,212-	3,812,489-	2,244,723	58.9
165,295-	106,604-	58,691	55.1	NON OPNS INCM	773,320-	12,223,519-	11,450,199-	93.7
773,431	571,408	202,023	35.4	BOND INTR EXP	8,230,654	5,380,235	2,850,419	53.0
1,373	0	1,373		BOND DISC AMCR	9,614	7,807	1,807	23.1
9,938	11,471	1,533-	13.4	CTHR INTR EXP	118,824	115,208	3,616	3.1
14,563	42,493	27,930-	65.7	NON OPNS EXP	86,506	62,530	23,976	38.3
466,604-	2,265,312-	1,798,648-	79.4	NET INCM	13,156,238-	29,251,941-	16,095,703-	55.0
558,400	484,000	74,400	15.4	XFR TO CITY	10,627,200	6,251,000	4,376,200	70.0
91,736	1,761,312-	1,873,048-		RETN EARN	2,529,038-	23,000,941-	20,471,903-	89.0

ORLANDO UTILITIES COMMISSION
FINANCIAL MANAGEMENT SYSTEM
COMPARATIVE REVENUE AND EXPENSE PER KILWATT HOUR SOLD FOR YEAR ENDED FEB 1980

	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
ELEC REV (CONSUMERS)	.0401	.0355	.0046	13.0
ELEC GENR OPNS	.0017	.0013	.0004	30.8
ELEC GENR FUEL	.0232	.0176	.0056	31.8
ELEC GENR MNTC	.0014	.0015	.0005-	26.3
ELEC GENR EXP	.0263	.0208	.0055	26.4
PURCH POWR	.0004	.0001	.0003	
LOAD CONT				
XMSN SVCS	.0001	.0001		
POWR SUPP EXP	.0268	.0210	.0058	27.6
ELEC XMSN OPNS	.0002	.0002		
ELEC XMSN MNTC	.0005	.0003	.0002	66.7
ELEC XMSN EXP	.0007	.0005	.0002	40.0
ELEC DIST OPNS	.0007	.0007		
ELEC DIST MNTC	.0008	.0007	.0001	14.3
ELEC DIST EXP	.0015	.0014	.0001	7.1
TOTL ELEC EXP	.0290	.0229	.0061	26.6
ELEC SYST INCM	.0111	.0126	.0015-	11.9
ELEC CUST ACCT	.0006	.0006		
ELEC MKTG	.0001	.0001		
ELEC GENL ADMN OPNS	.0015	.0014	.0001	7.1
ELEC GENL ADMN MNTC	.0006	.0005	.0001	20.0
ELEC TOTL INCM	.0083	.0100	.0017-	17.0
STAT UTIL TAX	.0006	.0005	.0001	20.0
CITY SUPP XFR	.0014	.0013	.0001	7.7
ORAN CNTY PNT	.0001	.0001		
ELEC INCM EX DEPN	.0062	.0081	.0019-	23.5
ELEC PLNT DEPN	.0031	.0030	.0001	3.3
ELEC PLNT AMOR				
ELEC COMM DEPN	.0001	.0001		
ELEC INCM (CONSUMERS)	.0030	.0050	.0020-	40.0
ELEC REV (RESALE)	.0359	.0237	.0122	51.5
ELEC GENR FUEL	.0293	.0187	.0106	56.7
ELEC INCM (RESALE)	.0066	.0050	.0016	32.0
ELEC INCM	.0041	.0051	.0010-	19.6

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
10,517,993-	9,434,404-	1,083,589	11.5	ELEC REV	114,150,908-	95,605,363-	18,545,545	19.4
318,238	215,937	102,301	47.4	ELEC GENR OPNS	3,637,057	2,623,778	1,013,279	38.6
7,609,339	5,298,541	2,310,798	43.6	ELEC GENR FUEL	73,043,006	53,980,040	19,062,966	35.3
218,418	140,538	77,880	55.4	ELEC GENR MNTC	3,015,852	4,026,386	1,010,534-	25.1
8,145,995	5,655,016	2,490,979	44.0	ELEC GENR EXP	79,695,915	60,630,204	19,065,711	31.4
20,392	5,501	14,891		PURCH POWR	773,645	125,405	648,240	
115	54	61		LOAD CONT	1,145	645	500	77.5
9,898	9,836	62	.6	XMSN SVCS	139,175	127,750	11,425	8.9
8,176,400	5,670,407	2,505,993	44.2	POWR SUPP EXP	80,609,880	60,884,004	19,725,876	32.4
49,702	26,128	23,574	90.2	ELEC XMSN OPNS	446,932	322,699	124,233	38.5
526,723	40,943	485,780		ELEC XMSN MNTC	1,144,774	583,826	560,948	96.1
576,425	67,071	509,354		ELEC XMSN EXP	1,591,706	906,525	685,181	75.6
141,198	105,497	35,701	33.8	ELEC DIST OPNS	1,465,255	1,381,270	83,985	6.1
109,808	112,710	57,158	50.7	ELEC DIST MNTC	1,667,864	1,405,438	262,426	18.7
311,066	218,207	92,859	42.6	ELEC DIST EXP	3,133,119	2,786,708	346,411	12.4
9,063,891	5,955,685	3,108,206	52.2	TOTL ELEC EXP	85,334,705	64,577,237	20,757,468	32.1
1,454,102-	3,478,719-	2,024,617-	58.2	ELEC SYST INCM	28,816,203-	31,028,126-	2,211,923-	7.1
139,039	104,595	34,444	32.9	ELEC CUST AGCT	1,309,084	1,212,494	96,590	8.0
14,905	9,407	5,498	58.4	ELEC MKTG	130,555	113,653	16,902	14.9
128,589	183,201	54,612-	29.8	ELEC GENL ADMN OPNS	3,150,350	2,898,263	252,087	8.7
129,247	65,902	63,345	96.1	ELEC GENL ADMN MNTC	1,175,372	969,293	206,079	21.3
1,042,322-	3,115,614-	2,073,292-	66.5	ELEC TOTL INCM	23,050,842-	25,834,423-	2,783,581-	10.8
112,547	97,703	14,844	15.2	STAT UTIL TAX	1,207,274	1,016,742	190,532	18.7
280,442	250,809	29,633	11.8	CITY SUPP XFR	3,011,505	2,644,882	366,623	13.9
25,451	21,056	4,395	20.9	ORAN CNTY PMT	268,779	230,773	38,006	16.5
623,882-	2,746,046-	2,122,164-	77.3	ELEC INCM EX DEPN	18,563,284-	21,942,026-	3,378,742-	15.4
542,982	524,229	18,753	3.6	ELEC PLNT DEPN	6,458,962	6,250,542	208,420	3.3
524	691	167-	24.2	ELEC PLAT AMCR	7,452	8,288	836-	10.1
15,757	14,949	808	5.4	ELEC CPMX DEPN	187,314	241,347	54,033-	22.4
64,619-	2,200,177-	2,141,558-	97.1	ELEC INCM	11,909,556-	15,441,849-	3,532,293-	22.9
15,640-	27,580-	11,940-	43.3	LEAS PLNT REV	219,418-	272,691-	53,273-	19.5
5,628	5,628	0		LEAS PLNT EXP	67,539	67,539	0	
10,012-	21,952-	11,940-	54.4	LEAS PLNT INCM	151,879-	205,152-	53,273-	26.0
74,631-	2,228,129-	2,153,498-	96.7	ELEC OPNS INCM	12,061,435-	15,647,001-	3,585,566-	22.9
797,392-	320,235-	477,157		INTR INCM	5,451,490-	3,431,240-	2,020,250	58.9
165,295-	106,604-	58,691	55.1	NON OPNS INCM	773,320-	12,223,519-	11,450,199-	93.7
696,289	514,267	181,821	35.4	BOND INTR EXP	7,407,588	4,842,211	2,565,377	53.0
1,236	0	1,236		BOND DISC AMOR	8,653	7,026	1,627	23.2
8,249	9,521	1,272-	13.4	OTHR INTR EXP	98,624	55,623	3,001	3.1
14,563	42,493	27,930-	65.7	NON OPNS EXP	86,506	62,530	23,976	38.3
317,132-	2,088,687-	1,771,505-	84.8	ELEC NET INCM	10,684,874-	26,294,370-	15,609,496-	59.4
491,392	425,920	65,472	15.4	XFR TO CITY	9,351,936	5,500,880	3,851,056	70.0
174,210	1,662,767-	1,836,977-		RETN EARN	1,332,938-	20,793,490-	19,460,552-	93.6

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE REVENUE AND EXPENSE PER THOUSAND GALLONS SOLD FOR YEAR ENDED FEB 1980

	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
WATR REV	.6034	.5957	.0077	1.3
WATR PRD OPNS	.0848	.0770	.0078	10.1
WATR PRD MNTC	.0151	.0135	.0016	11.9
WATR PRD EXP	.0999	.0905	.0094	10.4
WATR DIST OPNS	.0090	.0085	.0005	5.9
WATR DIST MNTC	.0868	.0796	.0072	9.0
WATR DIST EXP	.0958	.0881	.0077	8.7
TOTL WATR EXP	.1957	.1786	.0171	9.6
WATR SYST INCM	.4077	.4171	.0094-	2.3
WATR CUST ACCT WATR MKTG	.0594	.0548	.0046	8.4
WATR GENL ADMN OPNS	.0619	.0568	.0051	9.0
WATR GENL ADMN MNTC	.0185	.0154	.0031	20.1
WATR TOTL INCM	.2679	.2901	.0222-	7.7
CITY SUPP XFR	.0166	.0167	.0001-	.6
WATR INCM EX DEPN	.2513	.2734	.0221-	8.1
WATR PLNT DEPN	.0681	.0579	.0102	17.6
WATR PLNT AMOR				
WATR COMM DEPN	.0019	.0025	.0006-	24.0
WATR OPNS INCM	.1813	.2130	.0317-	14.9

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

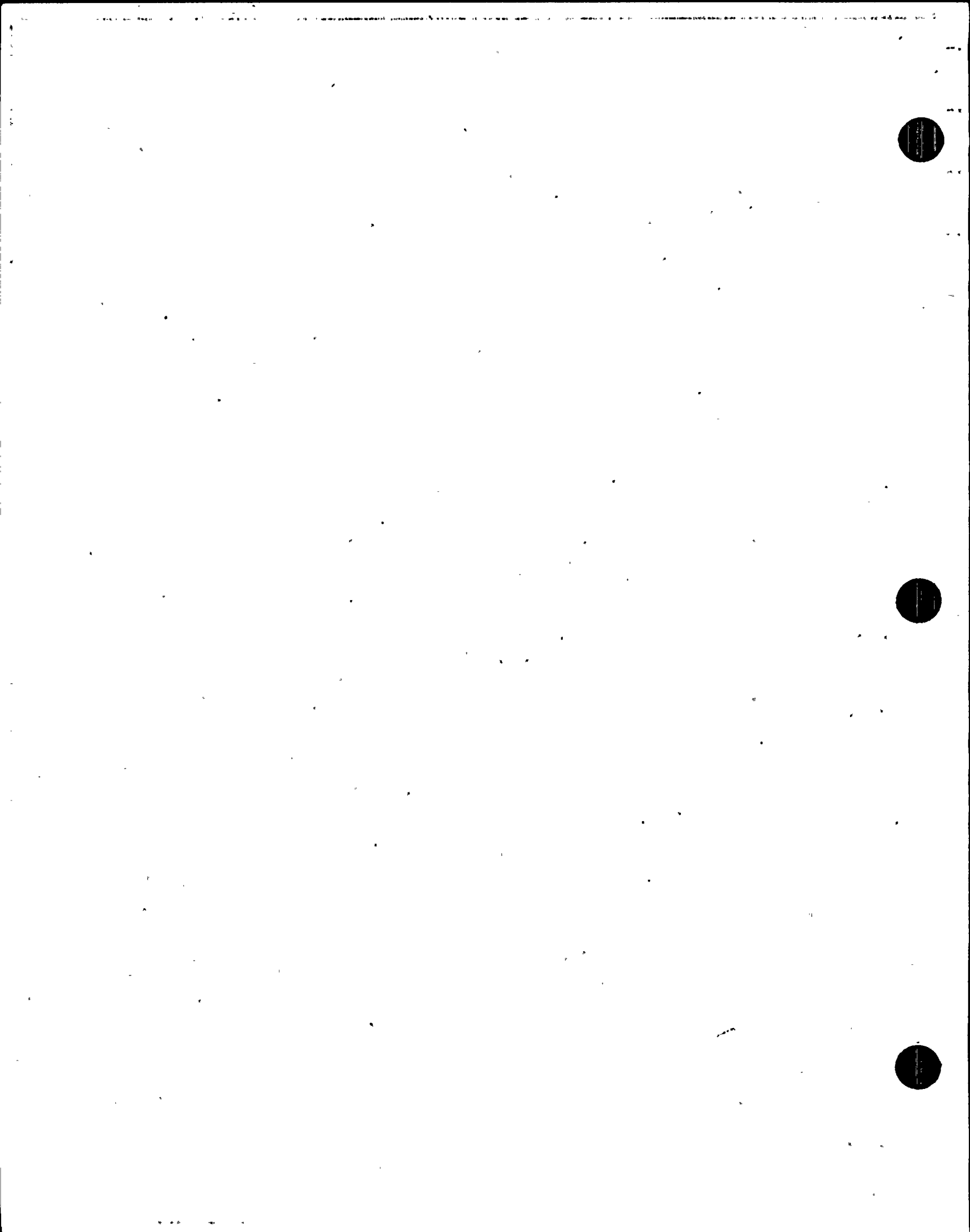
THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
687,730-	642,035-	45,695	7.1	WATR REV.	9,013,204-	8,766,592-	246,612	2.8
115,141	84,913	30,228	35.6	WATR PROD OPNS	1,266,375	1,133,351	133,024	11.7
24,803	16,125	8,678	53.8	WATR PROD MNTC	224,835	196,140	28,695	12.9
139,944	101,038	38,906	38.5	WATR PROD EXP	1,491,210	1,332,491	158,719	11.9
10,331	11,664	1,363-	11.7	WATR DIST OPNS	134,040	125,172	8,868	7.1
127,164	104,036	23,128	22.2	WATR DIST MNTC	1,296,747	1,171,582	125,165	10.7
137,465	115,700	21,765	18.8	WATR DIST EXP	1,430,787	1,296,754	134,033	10.3
277,409	216,738	60,671	28.0	TOTL WATR EXP	2,921,997	2,629,245	292,752	11.1
410,321-	425,297-	14,976-	3.5	WATR SYST INCM	6,091,207-	6,137,347-	46,140-	.8
96,748	66,553	30,198	45.4	WATR CUST ACCT	887,939	805,799	82,140	10.2
0	0	0		WATR MKTG	0	0	0	
41,313	51,268	9,955-	19.4	WATR GENL ADMN OPNS	924,252	836,164	88,088	10.5
30,319	15,462	14,857	96.1	WATR GENL ADMN MNTC	275,700	227,363	48,337	21.3
241,941-	292,017-	50,076-	17.1	WATR TOTL INCM	4,003,316-	4,268,021-	264,705-	6.2
19,599	18,947	652	3.4	CITY SUPP XFR	247,580	245,156	2,424	1.0
222,342-	273,070-	50,728-	18.6	WATR INCM EX DEPN	3,755,736-	4,022,865-	267,129-	6.6
79,936	70,702	9,234	13.1	WATR PLNT DEPN	1,017,877	852,090	165,787	19.5
0	0	0		WATR PLNT ANGR	0	0	0	
2,355	2,234	121	5.4	WATR COMM DEPN	27,990	36,063	8,073-	22.4
140,051-	200,134-	60,083-	30.0	WATR OPNS INCM	2,709,869-	3,134,712-	424,843-	13.6
88,600-	35,582-	53,018		INTR INCM	605,722-	381,249-	224,473	58.9
0	0	0		NON CPNS INCM	0	0	0	
77,343	57,141	20,202	35.4	BOND INTR EXP	823,066	538,024	285,042	53.0
137	0	137		BOND DISC AMOR	961	781	180	23.0
1,689	1,953	261-	13.4	OTHR INTR EXP	20,200	19,585	615	3.1
0	0	0		NCN OPNS EXP	0	0	0	
149,432-	170,625-	27,143-	15.4	WATR NET INCM	2,471,364-	2,957,571-	486,207-	16.4
67,038	58,080	8,928	15.4	XFR TO CITY	1,275,264	750,120	525,144	70.0
82,474-	118,545-	36,071-	30.4	RETN EARN	1,196,100-	2,207,451-	1,011,351-	45.8

ORLANDO UTILITIES COMMISSION
FINANCIAL MANAGEMENT SYSTEM
COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		INCRE/DECRE
				ELEC REV			
3,689,753-	3,150,526-	538,832	17.1	440 RESI	36,431,760-	31,734,829-	14.8
735,393-	681,746-	53,647	7.9	442 GSND	8,982,895-	8,220,501-	9.3
2,612,039-	2,321,985-	290,104	12.5	442 GSD	29,613,910-	25,539,500-	16.0
573,431-	422,065-	151,376	35.9	442 GSD PRI	6,627,744-	5,545,967-	19.5
24,569-	21,158-	3,411	16.1	443 PRIV STLT	269,299-	246,082-	9.4
104,044-	87,888-	16,156	18.4	444 PUBL STLT	1,116,281-	1,028,347-	8.6
26,105-	24,850-	1,255	5.1	451 SVC FEES	323,523-	295,322-	9.5
0	0	0		456 CTHR	0	0	
7,765,399-	6,710,618-	1,054,781	15.7	CUSTOMER SALES	83,365,412-	72,610,548-	14.8
67,454-	57,824-	9,630	16.7	448 CUC USE	832,406-	760,634-	9.4
7,932,353-	6,768,442-	1,064,411	15.7	RETAIL SALES	84,197,818-	73,371,182-	14.8
2,685,140-	2,665,962-	19,178	.7	447 RESALE	29,953,090-	22,234,181-	34.7
10,517,993-	9,434,404-	1,083,589	11.5	TOTAL SALES	114,150,908-	95,605,363-	19.4

ORLANDO UTILITIES COMMISSION,
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
				WATER REV				
419,157-	399,040-	20,117	5.0	461 RESI	5,475,728-	5,544,749-	69,021-	1.2
154,639-	137,203-	17,436	12.7	461 COMM	1,976,089-	1,766,533-	209,556	11.9
50,823-	56,185-	5,362-	9.5	461 IND	742,897-	754,321-	11,424-	1.5
31,465-	16,906-	14,559	86.1	465 IRR1	347,593-	252,964-	94,629	37.4
23,039-	23,064-	25-	.1	462 FIRE PROT	349,087-	317,445-	31,642	10.0
7,612-	8,560-	948-	11.1	471 SVC FEES	105,462-	112,573-	7,111-	6.3
0	0	0		474 OTHR	32-	0	32	
686,735-	640,558-	45,777	7.1	CUSTOMER SALES	8,996,888-	8,748,585-	248,303	2.8
995-	1,077-	82-	7.6	467 CUC USE	16,316-	18,007-	1,691-	9.4
687,730-	642,035-	45,695	7.1	TOTAL SALES	9,013,204-	8,766,592-	246,612	2.8



ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC ACTIVE SERVICE STATISTICS FOR YEAR ENDED FEB 1980

ACTIVE SERVICE		INACTIVE SERVICE		TOTAL SERVICE		DESCRIPTION	REVENUE PER ACTIVE SERVICE			
THIS YR	LAST YR	THIS YR	LAST YR	THIS YR	LAST YR		THIS YR	LAST YR	INCR/DECR	PERCENT
25,836	25,417	417	518	26,253	25,935	00 RESI IN HOME	539	472	67	14.2
18,375	18,542	952	968	19,827	19,510	02 RESI IN MULT RESI	379	334	45	13.5
237	292	0	0	207	292	22 RESI IN SPEC A	234	203	31	15.3
19	19	0	0	19	19	38 RESI IN SPEC B	120	7	113	
45,017	44,270	1,369	1,480	46,386	45,756	RESI IN	47C	412	58	14.1
20,213	19,811	392	571	20,605	20,382	01 RESI OUT HOME	573	512	61	11.9
8,716	8,728	440	403	9,156	9,131	03 RESI OUT MULT RESI	418	377	41	10.9
217	210	0	1	217	211	23 RESI OUT SPEC A	265	257	8	3.1
2	2	0	0	2	2	39 RESI OUT SPEC B	147	34	113	
29,148	28,751	832	975	29,980	29,726	RESI OUT	524	469	55	11.7
0	0	653	662	653	662	98 RESI NO METR	0	0	0	
74,165	73,021	2,854	3,123	77,019	76,144	RESI	491	435	56	12.9
5,846	5,624	328	377	6,174	6,001	06 GSND IN	1,029	981	48	4.9
C	0	0	0	0	0	GSND IN AC	0	0	0	
0	0	0	0	0	0	GSND IN POWR	0	0	0	
5,346	5,624	328	377	6,174	6,001	GSND IN	1,029	981	48	4.9
2,797	2,699	142	156	2,939	2,855	07 GSND OUT	1,060	1,001	59	5.9
J	0	0	0	0	0	GSND OUT AC	0	0	0	
0	0	0	0	0	0	GSND OUT POWR	0	0	0	
C	0	0	0	0	0	GSND OUT FLAT	0	0	0	
2,797	2,699	142	156	2,939	2,855	GSND OUT	1,060	1,001	59	5.9
J	0	0	0	0	0	99 GSND NO METR	0	0	0	
8,543	8,323	470	533	9,113	8,856	GSND	1,039	988	51	5.2
0	0	0	0	0	0	08 GSD IN DEM	0	0	0	
1,033	1,015	25	20	1,058	1,035	10 GSD IN ENER	0	0	0	
1,033	1,015	25	20	1,058	1,035	GSD IN	21,169	19,102	2,067	10.8
0	0	0	0	0	0	09 GSD OUT DEM	0	0	0	
443	413	9	9	452	427	11 GSD OUT ENER	0	0	0	
443	418	9	9	452	427	GSD OUT	17,486	14,714	2,772	18.8
1,476	1,433	34	29	1,510	1,462	GSD	20,064	17,822	2,242	12.6
0	0	0	0	0	0	14 GSD PRI IN DEM	0	0	0	
23	24	1	C	24	24	16 GSD PRI IN ENER	0	0	0	
23	24	1	0	24	24	GSD PRI IN	158,040	129,412	28,628	22.1
0	0	0	0	0	0	15 GSD PRI OUT DEM	0	0	0	
9	9	C	0	9	9	17 GSD PRI OUT ENER	0	0	0	
9	9	0	0	9	9	GSD PRI OUT	332,537	271,121	61,416	22.7
32	33	1	0	33	33	GSD PRI	207,117	168,060	39,057	23.2
3,900	3,763	0	0	3,900	3,763	PRIV STLT	69	65	4	6.2
5	12	0	0	5	12	30 PUBL STLT IN OVHD	70	61	9	14.8
0	0	0	0	0	0	32 PUBL STLT IN WWAY	0	0	0	
429	484	0	0	429	484	33 PUBL STLT IN FLOR	94	86	8	9.3
12,025	12,205	0	0	12,025	12,205	34 PUBL STLT IN MERC	79	74	5	6.8
821	283	0	0	821	283	31 PUBL STLT IN SOOH VAPR	51	47	4	8.5
7,353	7,072	0	0	7,353	7,072	35 PUBL STLT IN TRAF	11	9	2	22.2
0	13	0	0	0	13	29 PUBL STLT IN SIRE	0	36	36	100.0
20,633	20,069	0	0	20,633	20,069	PUBL STLT IN	54	51	3	5.9
0	0	0	0	0	0	05 PUBL STLT OUT TRAF	0	0	0	
0	0	0	0	0	0	PUBL STLT OUT	0	0	0	
20,633	20,069	0	0	20,633	20,069	PUBL STLT	54	51	3	5.9
103,349	106,042	3,359	3,685	112,208	110,327	TOTAL	763	678	85	12.5

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT		
	LAST YEAR	INCRE/DECRE			LAST YEAR	INCRE/DECRE				
REVENUE ELECTRIC										
1,458,777-	1,215,448-	243,329	20.0	00	RESI	IN HOME	13,922,498-	12,004,818-	1,917,680	16.0
737,616-	647,830-	89,786	13.9	02	RESI	IN MULT RESI	7,153,514-	6,193,303-	960,211	15.5
7,501-	6,387-	1,114	17.4	22	RESI	IN SPEC A	67,202-	59,358-	7,844	13.2
451-	38-	413		38	RESI	IN SPEC B	2,272-	130-	2,142	
2,254,345-	1,869,703-	334,642	17.9		RESI	IN	21,145,486-	18,257,609-	2,887,877	15.8
1,122,649-	954,493-	168,156	17.6	01	RESI	OUT HOME	11,585,592-	10,137,082-	1,448,510	14.3
357,255-	321,902-	35,353	11.0	03	RESI	OUT MULT RESI	3,642,887-	3,286,160-	356,727	10.9
5,435-	4,824-	611	12.7	23	RESI	OUT SPEC A	57,502-	53,910-	3,592	6.7
74-	4-	70		39	RESI	OUT SPEC B	293-	68-	225	
1,485,413-	1,281,223-	204,190	15.9		RESI	OUT	15,286,274-	13,477,220-	1,809,054	13.4
3,089,758-	3,150,926-	538,832	17.1		RESI		36,431,760-	31,734,829-	4,696,931	14.8
489,480-	463,068-	26,412	5.7	06	GSND	IN	6,016,929-	5,519,346-	497,583	9.0
0	0	0			GSND	IN AC	0	0	0	
0	0	0			GSND	IN POWR	0	0	0	
489,430-	463,068-	26,412	5.7		GSND	IN	6,016,929-	5,519,346-	497,583	9.0
245,913-	218,678-	27,235	12.5	07	GSND	OUT	2,965,966-	2,701,155-	264,811	9.8
0	0	0			GSND	OUT AC	0	0	0	
0	0	0			GSND	CUT POWR	0	0	0	
0	0	0			GSND	OUT FLAT	0	0	0	
245,913-	218,678-	27,235	12.5		GSND	OUT	2,965,966-	2,701,155-	264,811	9.8
735,393-	681,740-	53,647	7.9		GSND		8,982,895-	8,220,501-	762,394	9.3
222,645-	239,939-	17,294-	7.2	08	GSD	IN DEM	2,847,077-	2,851,999-	4,922-	.2
1,652,325-	1,541,704-	110,621	7.2	10	GSD	IN ENER	19,020,624-	16,536,935-	2,483,689	15.0
1,874,970-	1,781,643-	93,327	5.2		GSD	IN	21,867,701-	19,388,934-	2,478,767	12.8
73,676-	80,413-	6,737-	8.4	09	GSD	OUT DEM	987,335-	906,629-	80,706	8.9
663,443-	459,929-	203,514	44.2	11	GSD	OUT ENER	6,758,874-	5,243,937-	1,514,937	28.9
737,119-	540,342-	196,777	36.4		GSD	OUT	7,746,209-	6,150,566-	1,595,643	25.9
2,612,089-	2,321,985-	290,104	12.5		GSD		29,613,910-	25,539,500-	4,074,410	16.0
39,581-	24,779-	14,802	59.7	14	GSD	PRI IN DEM	364,128-	330,187-	33,941	10.3
254,330-	173,161-	81,169	46.9	16	GSD	PRI IN ENER	3,270,782-	2,775,695-	495,087	17.8
293,911-	197,940-	95,971	48.5		GSD	PRI IN	3,634,910-	3,105,882-	529,028	17.0
21,145-	20,942-	203	1.0	15	GSD	PRI OUT DEM	263,749-	251,232-	12,517	5.0
258,335-	203,183-	55,202	27.2	17	GSD	PRI OUT ENER	2,729,085-	2,188,853-	540,232	24.7
279,530-	224,125-	55,405	24.7		GSD	PRI OUT	2,992,834-	2,440,085-	552,749	22.7
573,441-	422,065-	151,376	35.9		GSD	PRI	6,627,744-	5,545,967-	1,081,777	19.5
198-	159-	39	24.5	20	PRIV	STLT IN RESI	2,101-	1,529-	572	37.4
2,229-	1,739-	490	28.2	24	PRIV	STLT IN COMM	22,872-	19,892-	2,980	15.0
0	0	0		36	PRIV	STLT IN SECU LITE	0	0	0	
2,427-	1,898-	529	27.9		PRIV	STLT IN	24,573-	21,421-	3,552	16.6
15,154-	13,358-	1,796	13.4	21	PRIV	STLT OUT RESI	168,395-	157,350-	11,045	7.0
6,988-	5,902-	1,086	18.4	25	PRIV	STLT OUT COMM	75,531-	67,311-	8,620	12.8
22,142-	19,260-	2,882	15.0		PRIV	STLT OUT	244,326-	224,661-	19,665	8.8
24	21,158-	3,411	16.1		PRIV	STLT	269,299-	246,082-	23,217	9.4

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT	
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR			
23-	45-	22-	48.9	30	PUBL STLT IN OVHD	350-	727-	377-	51.9
0	0	0		32	PUBL STLT IN WWAY	0	0	0	
3,535-	3,384-	201	5.9	33	PUBL STLT IN FLOR	40,269-	41,674-	1,405-	3.4
36,515-	76,796-	9,719	12.7	34	PUBL STLT IN MERC	955,842-	906,294-	49,548	5.5
6,025-	1,848-	4,177		31	PUBL STLT IN SODM VAPR	41,877-	13,247-	28,630	
7,878-	5,752-	2,120	36.8	35	PUBL STLT IN TRAF	77,362-	65,725-	11,637	17.7
0	39-	39-		29	PUBL STLT IN SIRE	365-	468-	103-	22.0
104,026-	87,870-	16,156	18.4		PUBL STLT IN	1,116,065-	1,028,135-	87,930	8.6
18-	18-	0		05	PUBL STLT OUT TRAF	216-	212-	4	1.9
18-	18-	0			PUBL STLT OUT	216-	212-	4	1.9
104,044-	87,888-	16,156	18.4		PUBL STLT	1,116,281-	1,028,347-	87,934	8.6
10-	87-	77-	88.5	40	SVC FEES IN TEMP CONN	331-	685-	354-	51.7
5,430-	5,710-	230-	4.0	42	SVC FEES IN CUT ON	74,620-	75,245-	625-	.8
8,972-	8,370-	602	7.2	46	SVC FEES IN RECO CPG	108,556-	91,810-	16,746	18.2
14,462-	14,167-	295	2.1		SVC FEES IN	183,507-	167,740-	15,767	9.4
18-	28-	10-	35.7	41	SVC FEES OUT TEMP CONN	282-	442-	160-	36.2
4,535-	4,305-	290	6.7	43	SVC FEES OUT CUT ON	56,805-	56,495-	310	.5
7,630-	6,350-	680	10.7	47	SVC FEES OUT RECO CHG	82,529-	70,645-	12,284	17.4
11,043-	10,683-	960	9.0		SVC FEES CUT	140,016-	127,582-	12,434	9.7
26,105-	24,850-	1,255	5.1		SVC FEES	323,523-	295,322-	28,201	9.5
0	0	0		49	OTHR IN OTHR	0	0	0	
0	0	0			OTHR IN	0	0	0	
0	0	0		49	OTHR OUT OTHR	0	0	0	
0	0	0			OTHR OUT	0	0	0	
0	0	0			OTHR	0	0	0	
65-	54-	11	20.4	04	OUC USE IN RES1	526-	545-	41	7.5
9,791-	10,456-	665-	6.4	27	OUC USE IN GSND	124,791-	124,301-	490	.4
4,637-	6,631-	1,994-	30.1	26	OUC USE IN GSD DEM	102,421-	96,635-	5,786	6.0
52,961-	43,683-	12,278	30.2	28	OUC USE IN GSD ENER	604,608-	539,153-	65,455	12.1
0	0	0		48	OUC USE IN XWAY LITE	0	0	0	
67,454-	57,824-	9,630	16.7		OUC USE IN	832,406-	760,634-	71,772	9.4
67,454-	57,824-	9,630	16.7		OUC USE	832,406-	760,634-	71,772	9.4
71,816-	67,012-	4,798	7.2	18	FCR SALE OUT DEM	922,182-	1,153,948-	271,766-	22.8
0	0	0		018	INTR CHG CLAS B DEM	0	0	0	
0	0	0		018	INTR CHG CLAS D DEM	0	0	0	
2,613,324-	2,593,944-	14,390	.6	19	FCR SALE OUT ENER	29,030,908-	21,040,233-	7,990,675	38.0
0	0	0		019	INTR CHG CLAS A ENER	0	0	0	
0	0	0		019	INTR CHG CLAS B ENER	0	0	0	
0	0	0		019	INTR CHG CLAS C ENER	0	0	0	
0	0	0		019	INTR CHG CLAS D ENER	0	0	0	
2,685,140-	2,665,962-	19,178	.7		INTR CHG CLAS	29,953,090-	22,234,181-	7,718,909	34.7
2,685,140-	2,665,962-	19,178	.7		INTR CHG	29,953,090-	22,234,181-	7,718,909	34.7
10,517,993-	9,434,404-	1,083,589	11.5		TOTAL	114,150,908-	95,605,363-	18,545,545	19.4

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER ACTIVE SERVICE STATISTICS FOR YEAR ENDED FEB 1980

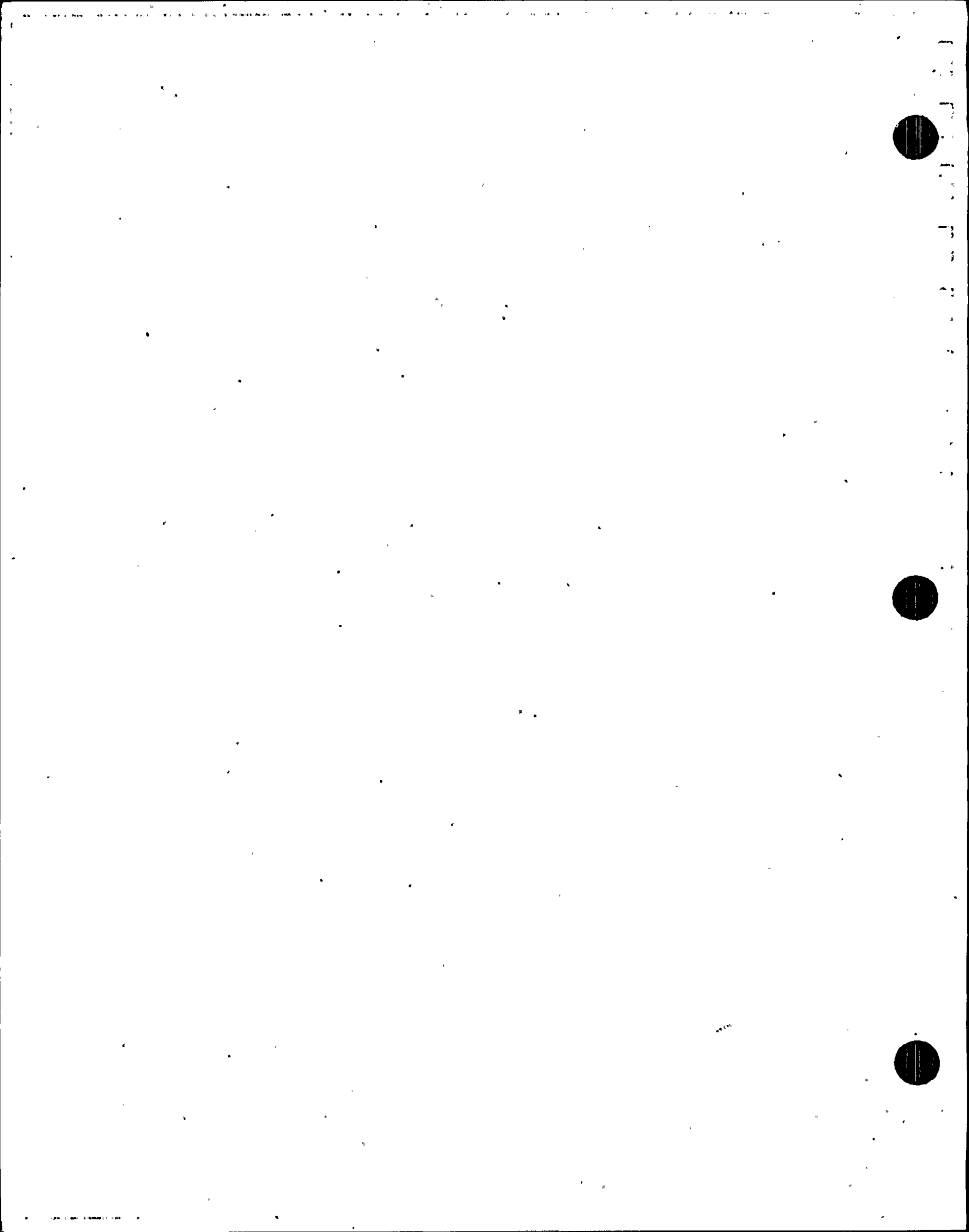
ACTIVE SERVICE		INACTIVE SERVICE		TOTAL SERVICE		DESCRIPTION			REVENUE PER ACTIVE SERVICE		ACTIVE SERVICE	
THIS YR	LAST YR	THIS YR	LAST YR	THIS YR	LAST YR				THIS YR	LAST YR	INCR/DECR	PERCENT
26,845	26,192	615	645	27,460	26,837	050	RESI	IN HOME	71	73	2-	2.7
1,949	1,947	39	43	1,988	1,990	150	RESI	IN MULT RESI	90	89	1	1.1
653	641	11	10	664	651	250	RESI	IN APMT	773	802	29-	3.6
241	229	0	0	241	229	076	RESI	IN SPEC A	33	35	2-	5.7
16	16	0	0	16	16	078	RESI	IN SPEC B	22	24	2-	8.3
29,704	29,025	665	698	30,369	29,723		RESI	IN	87	90	3-	3.3
27,141	26,379	629	737	27,770	27,116	051	RESI	OUT HOME	89	93	4-	4.3
659	672	14	10	673	682	151	RESI	OUT MULT RESI	129	127	2	1.6
307	304	5	6	312	310	251	RESI	OUT APMT	1,263	1,287	24-	1.9
209	194	0	0	209	194	077	RESI	OUT SPEC A	43	49	6-	12.2
2	2	0	0	2	2	079	RESI	OUT SPEC B	33	31	2	6.5
28,318	27,551	648	753	28,966	28,304		RESI	OUT	102	107	5-	4.7
58,022	55,576	1,313	1,451	59,335	58,027		RESI		94	98	4-	4.1
2,841	2,725	225	246	3,066	2,971	550	COMM	IN BUSI	198	197	1	.5
117	119	4	2	121	121	350	COMM	IN HOTEL	2,582	2,424	158	6.5
1,124	1,102	53	58	1,177	1,160	450	COMM	IN OFFC	220	216	4	1.9
4,032	3,946	282	306	4,364	4,252		COMM	IN	272	270	2	.7
1,944	1,817	113	103	2,057	1,920	551	COMM	OUT BUSI	231	210	21	10.0
61	59	2	3	63	62	351	COMM	OUT HOTEL	4,652	3,052	1,600	52.4
393	392	8	6	401	398	451	COMM	OUT OFFC	336	361	25-	6.9
2,398	2,268	123	112	2,521	2,380		COMM	OUT	361	310	51	16.5
6,480	6,214	405	418	6,885	6,632		COMM		305	284	21	7.4
111	111	4	4	115	115	650	IND	IN IND	3,567	3,595	28-	.8
111	111	4	4	115	115		IND	IN	3,567	3,595	28-	.8
46	49	3	2	49	51	651	IND	OUT IND	7,544	7,251	293	4.0
46	49	3	2	49	51		IND	OUT	7,544	7,251	293	4.0
157	160	7	6	164	166		IND		4,732	4,715	17	.4
433	386	21	19	454	405	052	IRRI	IN IRRI	312	311	1	.3
433	386	21	19	454	405		IRRI	IN	312	311	1	.3
529	338	25	21	554	359	053	IRRI	OUT IRRI	402	393	9	2.3
529	338	25	21	554	359		IRRI	OUT	402	393	9	2.3
962	724	46	40	1,008	764		IRRI		361	349	12	3.4
560	520	8	6	568	526	054	FIRE PROT	IN PRIV	133	125	8	6.4
2,384	2,286	0	0	2,384	2,286	056	FIRE PROT	IN PUBL	44	44	0	
2,944	2,806	8	6	2,952	2,812		FIRE PROT	IN	61	59	2	3.4
416	360	3	3	419	363	055	FIRE PROT	OUT PRIV	210	215	5-	2.3
1,189	1,087	0	0	1,189	1,087	057	FIRE PROT	OUT PUBL	69	68	1	1.5
1,605	1,447	3	3	1,608	1,450		FIRE PROT	OUT	105	105	0	
4,549	4,253	11	9	4,560	4,262		FIRE PROT		77	75	2	2.7
70,170	67,927	1,782	1,924	71,952	69,851		TOTAL		127	127	0	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		PERCENT	
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		INCRE/DECRE
REVENUE WATER								
142,558-	131,098-	11,460	8.7	050 RESI IN HOME	1,895,945-	1,911,952-	16,047-	.8
13,993-	13,406-	587	4.4	150 RESI IN MULT RESI	175,799-	173,807-	1,992	1.1
41,063-	53,192-	12,129-	22.8	250 RESI IN APMT	504,631-	514,106-	9,475-	1.8
610-	526-	84	16.0	076 RESI IN SPEC A	7,865-	8,102-	237-	2.9
30-	30-	0		078 RESI IN SPEC B	358-	376-	18-	4.8
198,254-	198,252-	2		RESI IN	2,584,558-	2,608,383-	23,785-	.9
178,994-	163,853-	15,141	9.2	051 RESI OUT HOME	2,409,209-	2,450,421-	41,212-	1.7
6,699-	6,514-	185	2.8	151 RESI OUT MULT RESI	85,305-	85,027-	278	.3
34,540-	29,821-	4,719	15.8	251 RESI OUT APMT	387,638-	351,335-	3,701-	.9
655-	595-	70	11.8	077 RESI OUT SPEC A	8,912-	9,518-	606-	6.4
5-	5-	0		079 RESI OUT SPEC B	66-	61-	5	8.2
220,903-	200,788-	20,115	10.0	RESI OUT	2,891,130-	2,936,366-	45,236-	1.5
419,157-	399,040-	20,117	5.0	RESI	5,475,728-	5,544,749-	69,021-	1.2
45,262-	45,133-	129	.3	550 COMM IN BUSI	561,109-	537,848-	23,261	4.3
24,293-	21,729-	2,564	11.8	350 COMM IN HOTEL	302,042-	288,456-	13,586	4.7
19,834-	17,170-	2,714	15.8	450 COMM IN OFFC	247,364-	237,548-	9,816	4.1
89,439-	84,032-	5,407	6.4	COMM IN	1,110,515-	1,063,852-	46,663	4.4
35,725-	30,564-	5,161	16.9	551 COMM OUT BUSI	449,879-	381,266-	68,613	18.0
19,040-	13,101-	5,939	45.3	351 COMM OUT HOTEL	283,762-	180,040-	103,722	57.6
13,435-	9,506-	929	9.8	451 COMM OUT OFFC	131,933-	141,375-	9,442-	6.7
65,200-	53,171-	12,029	22.6	COMM OUT	865,574-	702,681-	162,893	23.2
154,639-	137,203-	17,436	12.7	COMM	1,976,089-	1,766,533-	209,556	11.9
33,641-	29,946-	3,695	12.3	650 IND IN IND	395,890-	399,040-	3,150-	.8
33,641-	29,946-	3,695	12.3	IND IN	395,890-	399,040-	3,150-	.8
17,132-	26,239-	9,057-	34.5	651 IND OUT IND	347,007-	355,281-	8,274-	2.3
17,132-	26,239-	9,057-	34.5	IND OUT	347,007-	355,281-	8,274-	2.3
50,823-	56,185-	5,362-	9.5	IND	742,897-	754,321-	11,424-	1.5
11,877-	7,631-	4,246	55.6	052 IARI IN IARI	135,026-	120,086-	14,940	12.4
11,877-	7,631-	4,246	55.6	IARI IN	135,026-	120,086-	14,940	12.4
19,538-	9,275-	10,313		053 IARI OUT IARI	212,567-	132,878-	79,689	60.0
19,538-	9,275-	10,313		IARI OUT	212,567-	132,878-	79,689	60.0
31,465-	16,906-	14,559	86.1	IARI	347,593-	252,964-	94,629	37.4
7,451-	7,630-	179-	2.3	054 FIRE PROT IN PRIV	74,219-	64,761-	9,438	14.6
8,940-	8,573-	367	4.3	056 FIRE PROT IN PUBL	105,596-	101,074-	4,522	4.5
16,391-	16,203-	188	1.2	FIRE PROT IN	179,815-	165,855-	13,960	8.4
6,648-	6,682-	34-	.5	055 FIRE PROT OUT PRIV	87,456-	77,322-	10,134	13.1
0	179-	179-		057 FIRE PROT OUT PUBL	81,816-	74,268-	7,548	10.2
6,648-	6,861-	213-	3.1	FIRE PRCT OUT	169,272-	151,550-	17,682	11.7
23,039-	23,064-	25-	.1	FIRE PROT	349,087-	317,445-	31,642	10.0
4,	4,755-	620-	13.0	044 SVC FEES TEMP CONN	58,325-	63,288-	4,963-	7.8

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
4,135-	4,755-	620-	13.0	SVC FEES IN	58,325-	63,288-	4,963-	7.8
3,477-	3,805-	328-	8.6	045 SVC FEES OUT TEMP CONN	47,137-	49,285-	2,148-	4.4
3,477-	3,805-	328-	8.6	SVC FEES OUT	47,137-	49,285-	2,148-	4.4
7,612-	8,560-	948-	11.1	SVC FEES	105,462-	112,573-	7,111-	6.3
0	0	0		059 OTHR IN OTHR	0	0	0	
0	0	0		OTHR IN	0	0	0	
3	0	0		059 OTHR OUT OTHR	32-	0	32	
0	0	0		OTHR OUT	32-	0	32	
0	0	0		OTHR	32-	0	32	
995-	1,077-	82-	7.6	058 OUC USE IN METR	16,316-	18,007-	1,691-	9.4
0	0	0		072 OUC USE IN LAKE HIGH	0	0	0	
0	0	0		073 OUC USE IN OTHR WELL	0	0	0	
3	0	0		074 OUC USE IN FLSH MAIN	0	0	0	
0	3	0		075 OUC USE IN OVHD TANK	0	0	0	
995-	1,077-	82-	7.6	OUC USE IN	16,316-	18,007-	1,691-	9.4
995-	1,077-	82-	7.6	OUC USE	16,316-	18,007-	1,691-	9.4
637,730-	642,035-	45,695	7.1	TOTAL	9,013,204-	8,766,592-	246,612	2.8



ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC ACTIVE SERVICE STATISTICS FOR YEAR ENDED FEB 1980

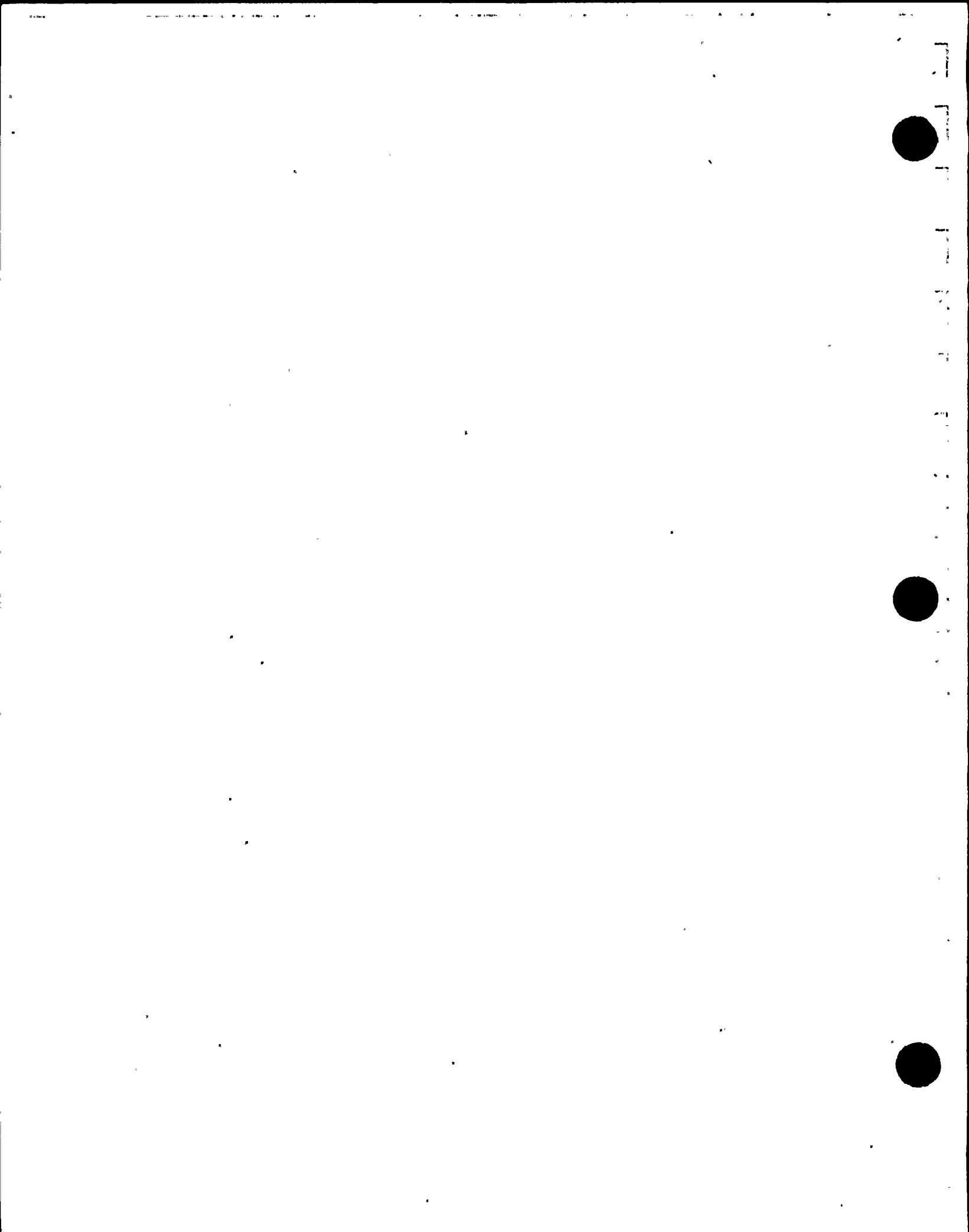
ACTIVE SERVICE		INACTIVE SERVICE		TOTAL SERVICE		DESCRIPTION			CONSUMP PER ACTIVE SERVICE		INCR/DECR PERCENT	
THIS YR	LAST YR	THIS YR	LAST YR	THIS YR	LAST YR				THIS YR	LAST YR		
25,336	25,417	417	518	26,253	25,935	00	RESI	IN HOME	13,364	13,280	84	.6
18,875	13,542	952	968	19,827	19,510	02	RESI	IN MULT RESI	9,111	9,055	56	.6
287	292	0	0	287	292	22	RESI	IN SPEC A	18,696	19,032	336-	1.8
19	19	0	0	19	19	38	RESI	IN SPEC B	24,483	26,917	2,434-	9.0
45,017	44,270	1,369	1,486	46,386	45,756		RESI	IN	11,620	11,554	66	.6
20,213	19,811	392	571	20,605	20,382	01	RESI	OUT HOME	13,486	13,530	44-	.3
9,716	3,728	440	403	9,156	9,131	03	RESI	OUT MULT RESI	9,553	9,631	78-	.8
217	210	0	1	217	211	23	RESI	OUT SPEC A	20,532	22,686	2,154-	9.5
2	2	0	0	2	2	39	RESI	OUT SPEC B	30,527	30,521	6	
29,148	28,751	832	975	29,980	29,726		RESI	OUT	12,364	12,415	51-	.4
0	0	653	662	653	662	98	RESI	NO METR	0	0	0	
74,165	73,021	2,854	3,123	77,019	76,144		RESI		11,912	11,893	19	.2
5,846	5,624	328	377	6,174	6,001	06	GSND	IN	20,733	22,013	1,280-	5.8
0	0	0	0	0	0		GSND	IN AC	0	0	0	
0	0	0	0	0	0		GSND	IN POWR	0	0	0	
5,846	5,624	328	377	6,174	6,001		GSND	IN	20,733	22,013	1,280-	5.8
2,797	2,699	142	156	2,939	2,855	07	GSND	OUT	19,932	20,639	707-	3.4
0	0	0	0	0	0		GSND	OUT AC	0	0	0	
0	0	0	0	0	0		GSND	OUT POWR	0	0	0	
0	0	0	0	0	0		GSND	OUT FLAT	0	0	0	
2,797	2,699	142	156	2,939	2,855		GSND	OUT	19,932	20,639	707-	3.4
0	0	0	0	0	0	99	GSND	NO METR	0	0	0	
8,643	3,323	470	533	9,113	8,856		GSND		20,474	21,568	1,094-	5.1
0	0	0	0	0	0	08	GSD	IN DEM	0	0	0	
1,033	1,015	25	20	1,058	1,035	10	GSD	IN ENER	0	0	0	
1,033	1,015	25	20	1,058	1,035		GSD	IN	571,292	597,105	25,813-	4.3
0	0	0	0	0	0	09	GSD	OUT DEM	0	0	0	
443	418	9	9	452	427	11	GSD	OUT ENER	0	0	0	
443	418	9	9	452	427		GSD	OUT	441,688	419,740	21,948	5.2
1,476	1,433	34	29	1,510	1,462		GSD		532,393	545,368	12,975-	2.4
0	0	0	0	0	0	14	GSD	PRI IN DEM	0	0	0	
23	24	1	0	24	24	16	GSD	PRI IN ENER	0	0	0	
23	24	1	0	24	24		GSD	PRI IN	5,094,009	4,442,805	651,204	14.7
0	0	0	0	0	0	15	GSD	PRI OUT DEM	0	0	0	
9	9	0	0	9	9	17	GSD	PRI OUT ENER	0	0	0	
9	9	0	0	9	9		GSD	PRI OUT	9,884,153	5,437,438	446,715	4.7
32	33	1	0	33	33		GSD	PRI	6,441,237	5,804,977	636,260	11.0
3,900	3,763	0	0	3,900	3,763		PRIV	STLT	588	1,083	95-	8.8
5	12	0	0	5	12	30	PUBL	STLT IN OVHD	2,132	1,650	482	29.2
0	0	0	0	0	0	32	PUBL	STLT IN WWAY	0	0	0	
429	484	0	0	429	484	33	PUBL	STLT IN FLOR	1,528	1,915	13	.7
12,025	12,205	0	0	12,025	12,205	34	PUBL	STLT IN MERC	1,263	1,254	9	.7
821	283	0	0	821	283	31	PUBL	STLT IN SODM VAPR	644	695	51-	7.3
7,353	7,072	0	0	7,353	7,072	35	PUBL	STLT IN TRAF	327	330	3-	.9
0	13	0	0	0	13	29	PUBL	STLT IN SIRE	0	0	0	
20,633	20,069	0	0	20,633	20,069		PUBL	STLT IN	519	936	17-	1.8
0	0	0	0	0	0	05	PUBL	STLT OUT TRAF	0	0	0	
0	0	0	0	0	0		PUBL	STLT OUT	0	0	0	
20,633	20,069	0	0	20,633	20,069		PUBL	STLT	919	936	17-	1.8
108,849	106,642	3,359	3,685	112,208	110,327		TOTAL		19,064	19,166	102-	.5

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC CONSUMPTION FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		PERCENT				
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		INCRE/DECRE			
CONSUMPTION ELECTRIC											
32,050,350	33,716,732	1,666,382-	4.9 00	RESI	IN	HOME	345,282,927	337,532,059	7,750,868	2.3	
15,735,758	17,420,559	1,684,801-	9.7 02	RESI	IN	MULT RESI	171,972,810	167,905,401	4,067,409	2.4	
537,335	583,230	45,925-	7.9 22	RESI	IN	SPEC A	5,365,679	5,557,374	191,695-	3.4	
43,757	48,020	4,263-	8.9 38	RESI	IN	SPEC B	465,170	511,424	46,254-	9.0	
48,367,170	51,768,541	3,401,371-	6.6	RESI	IN		523,086,586	511,506,258	11,580,328	2.3	
23,433,351	24,820,679	1,387,328-	5.6 01	RESI	OUT	HOME	272,590,806	268,042,761	4,548,045	1.7	
7,263,938	8,129,375	865,437-	10.6 03	RESI	OUT	MULT RESI	83,267,155	84,062,946	795,791-	.9	
385,573	416,912	31,339-	7.5 23	RESI	OUT	SPEC A	4,455,503	4,764,151	308,648-	6.5	
7,592	7,184	408	5.7 39	RESI	CUT	SPEC B	61,054	61,042	12		
31,393,454	33,374,150	2,283,696-	6.8	RESI	CUT		360,374,518	356,930,900	3,443,618	1.0	
79,457,024	85,142,691	5,685,067-	6.6	RESI			883,461,104	868,437,158	15,023,946	1.7	
3,704,426	10,559,384	1,854,958-	17.6 06	GSND	IN		121,202,945	123,803,906	2,600,961-	2.1	
0	C	0		GSND	IN	AC	0	0	0		
0	0	0		GSND	IN	POWR	0	0	0		
3,704,426	10,559,384	1,854,958-	17.6	GSND	IN		121,202,945	123,803,906	2,600,961-	2.1	
4,118,052	4,356,109	238,057-	5.5 07	GSND	OUT		55,750,706	55,703,943	46,763	.1	
0	0	0		GSND	OUT	AC	0	0	0		
0	0	0		GSND	OUT	POWR	0	0	0		
0	0	0		GSND	CUT	FLAT	0	0	0		
4,118,052	4,356,109	238,057-	5.5	GSND	OUT		55,750,706	55,703,943	46,763	.1	
12,822,478	14,915,493	2,093,015-	14.0	GSND			176,953,651	179,507,049	2,554,198-	1.4	
0	0	0	08	GSD	IN	DEM	0	0	0		
45,618,254	55,083,760	9,465,506-	17.2 10	GSD	IN	ENER	590,144,867	606,061,380	15,916,513-	2.6	
45,618,254	55,083,760	9,465,506-	17.2	GSD	IN		590,144,867	606,061,380	15,916,513-	2.6	
0	0	0	09	GSD	OUT	DEM	0	0	0		
16,263,964	14,838,970	1,429,994	9.6 11	GSD	OUT	ENER	195,667,761	175,451,342	20,216,419	11.5	
16,263,964	14,838,970	1,429,994	9.6	GSD	OUT		195,667,761	175,451,342	20,216,419	11.5	
61,887,213	69,922,730	8,035,512-	11.4	GSD			785,812,628	781,512,722	4,299,906	.5	
0	0	0	14	GSD	PRI	IN	DEM	0	0	0	
7,162,599	2,067,960	5,094,639	16	GSD	PRI	IN	ENER	117,162,205	106,627,309	10,534,896	9.9
7,162,599	2,067,960	5,094,639		GSD	PRI	IN		117,162,205	106,627,309	10,534,896	9.9
0	0	0	15	GSD	PRI	OUT	DEM	0	0	0	
7,006,620	7,539,649	533,029-	7.1 17	GSD	PRI	CUT	ENER	88,957,375	84,936,945	4,020,430	4.7
7,006,620	7,539,649	533,029-	7.1	GSD	PRI	CUT		88,957,375	84,936,945	4,020,430	4.7
14,169,219	9,607,609	4,561,610	47.4	GSD	PRI		206,119,580	191,564,254	14,555,326	7.5	
2,798	2,584	214	8.3 20	PRIV	STLT	IN	RESI	32,619	25,634	6,985	27.2
33,416	30,630	2,786	9.1 24	PRIV	STLT	IN	COMM	382,104	358,847	23,257	6.5
0	0	0	36	PRIV	STLT	IN	SECU LITE	0	0	0	
36,214	33,214	3,000	9.0	PRIV	STLT	IN		414,723	384,481	30,242	7.9
196,581	176,754	19,827	11.2 21	PRIV	STLT	OUT	RESI	2,307,884	2,625,813	317,929-	12.1
95,926	92,625	3,301	3.6 25	PRIV	STLT	OUT	COMM	1,129,047	1,063,280	65,767	6.2
292,507	269,379	23,128	8.6	PRIV	STLT	OUT		3,436,931	3,689,093	252,162-	6.8
329	302,593	26,128	8.6	PRIV	STLT			3,851,654	4,073,574	221,920-	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC CONSUMPTION FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		INCRE/DECRE	PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR					THIS YEAR	LAST YEAR		
500	1,200	700-	58.3	30	PUBL STLT IN OVHD	10,660	19,800	9,140-	46.2
0	0	0		32	PUBL STLT IN WWAY	0	0	0	
65,166	73,636	8,470-	11.5	33	PUBL STLT IN FLOR	827,185	926,906	99,721-	10.8
1,252,639	1,275,119	22,480-	1.8	34	PUBL STLT IN MERC	15,182,228	15,303,070	120,842-	.8
71,814	24,798	47,016		31	PUBL STLT IN SODM VAPR	529,068	196,717	332,351	
204,302	197,296	7,006	3.6	35	PUBL STLT IN TRAF	2,402,582	2,330,984	71,598	3.1
0	0	0		29	PUBL STLT IN SIRE	0	0	0	
1,594,421	1,572,049	22,372	1.4		PUBL STLT IN	18,951,723	18,777,477	174,246	.9
0	0	0		05	PUBL STLT OUT TRAF	0	0	0	
0	0	0			PUBL STLT CUT	0	0	0	
1,594,421	1,572,049	22,372	1.4		PUBL STLT	18,951,723	18,777,477	174,246	.9
0	0	0		40	SVC FEES IN TEMP CONN	0	0	0	
0	0	0		42	SVC FEES IN CUT ON	0	0	0	
0	0	0		46	SVC FEES IN RECO CHG	0	0	0	
0	0	0			SVC FEES IN	0	0	0	
0	0	0		41	SVC FEES OUT TEMP CONN	0	0	0	
0	0	0		43	SVC FEES CUT CUT ON	0	0	0	
0	0	0		47	SVC FEES OUT RECO CHG	0	0	0	
0	0	0			SVC FEES CUT	0	0	0	
0	0	0			SVC FEES	0	0	0	
0	0	0		49	OTHR IN OTHR	0	0	0	
0	0	0			OTHR IN	0	0	0	
0	0	0		49	OTHR OUT OTHR	0	0	0	
0	0	0			OTHR OUT	0	0	0	
0	0	0			OTHR	0	0	0	
1,367	1,422	55-	3.9	04	OUC USE IN RESI	13,910	14,383	473-	3.3
191,922	252,298	60,376-	23.9	27	OUC USE IN GSND	2,852,513	3,099,779	247,266-	8.0
0	0	0		26	OUC USE IN GSD DEM	0	0	0	
1,384,480	1,430,380	45,900-	3.2	28	OUC USE IN GSD ENER	19,207,140	19,738,180	531,040-	2.7
0	0	0		48	OUC USE IN XWAY LITE	0	0	0	
1,577,769	1,684,100	106,331-	6.3		OUC USE IN	22,073,563	22,852,342	778,779-	3.4
1,577,769	1,684,100	106,331-	6.3		OUC USE	22,073,563	22,852,342	778,779-	3.4
0	0	0		18	FOR SALE OUT DEM	0	0	0	
0	0	0		018	INTR CHG CLAS B DEM	0	0	0	
0	0	0		018	INTR CHG CLAS D DEM	0	0	0	
60,353,000	116,540,000	56,187,000-	48.2	19	FOR SALE OUT ENER	834,447,000	939,553,000	105,106,000-	11.2
0	0	0		019	INTR CHG CLAS A ENER	0	0	0	
0	0	0		019	INTR CHG CLAS B ENER	0	0	0	
0	0	0		019	INTR CHG CLAS C ENER	0	0	0	
0	0	0		019	INTR CHG CLAS D ENER	0	0	0	
60,353,000	116,540,000	56,187,000-	48.2		INTR CHG CLAS	834,447,000	939,553,000	105,106,000-	11.2
60,353,000	116,540,000	56,187,000-	48.2		INTR CHG	834,447,000	939,553,000	105,106,000-	11.1
232,190,450	299,687,265	67,496,815-	22.5	TOTAL		2,931,670,903	3,006,278,376	74,607,473-	2.5



ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER ACTIVE SERVICE STATISTICS FOR YEAR ENDED FEB 1980

ACTIVE SERVICE		INACTIVE SERVICE		TOTAL SERVICE		DESCRIPTION			CONSUMP PER ACTIVE SERVICE			
THIS YR	LAST YR	THIS YR	LAST YR	THIS YR	LAST YR				THIS YR	LAST YR	INCR/DECR	PERCENT
26,845	26,192	615	645	27,460	26,837	050	RESI	IN HOME	120	127	7-	5.5
1,949	1,947	39	43	1,988	1,990	150	RESI	IN MULT RESI	164	164	0	
653	641	11	10	664	651	250	RESI	IN APMT	1,883	1,975	92-	4.7
241	229	0	0	241	229	076	RESI	IN SPEC A	178	191	13-	6.8
16	16	0	0	16	16	078	RESI	IN SPEC B	461	470	9-	1.9
29,704	29,025	665	698	30,369	29,723		RESI	IN	163	171	8-	4.7
27,141	26,379	629	737	27,770	27,116	051	RESI	OUT HOME	108	116	8-	6.9
659	672	14	10	673	682	151	RESI	OUT MULT RESI	175	173	2	1.2
337	304	5	6	312	310	251	RESI	OUT APMT	2,313	2,379	66-	2.8
209	194	0	0	209	194	077	RESI	OUT SPEC A	151	179	28-	15.6
2	2	0	0	2	2	079	RESI	OUT SPEC B	172	151	21	13.9
28,318	27,551	648	753	28,966	28,304		RESI	OUT	134	143	9-	6.3
58,922	56,576	1,313	1,451	59,335	58,027		RESI		149	157	8-	5.1
2,341	2,725	225	246	3,066	2,971	550	COMM	IN BUSI	427	430	3-	.7
117	119	4	2	121	121	350	COMM	IN HOTL	6,696	6,369	327	5.1
1,124	1,102	53	58	1,177	1,160	450	COMM	IN OFFC	481	476	5	1.1
4,032	3,946	282	306	4,364	4,252		COMM	IN	621	622	1-	.2
1,944	1,817	113	103	2,057	1,920	551	COMM	OUT BUSI	352	316	36	11.4
61	59	2	3	63	62	351	COMM	OUT HOTL	9,010	5,883	3,127	53.2
393	392	8	6	401	398	451	COMM	OUT OFFC	545	596	51-	8.6
2,398	2,268	123	112	2,521	2,380		COMM	OUT	604	505	95	18.7
6,480	6,214	405	418	6,885	6,632		COMM		615	581	34	5.9
111	111	4	4	115	115	650	IND	IN IND	9,351	9,536	145-	1.5
111	111	4	4	115	115		IND	IN	9,391	9,536	145-	1.5
46	49	3	2	49	51	651	IND	OUT IND	14,763	13,942	821	5.9
46	49	3	2	49	51		IND	OUT	14,763	13,942	821	5.9
157	160	7	6	164	166		IND		10,565	10,885	80	.7
433	386	21	19	454	405	052	IRRI	IN IRR1	678	693	15-	2.2
433	386	21	19	454	405		IRRI	IN	678	693	15-	2.2
529	333	25	21	554	359	053	IRRI	OUT IRR1	556	609	13-	2.1
529	338	25	21	554	359		IRRI	OUT	556	609	13-	2.1
962	724	46	40	1,008	764		IRRI		633	653	20-	3.1
560	520	8	6	568	526	054	FIRE PROT	IN PRIV	0	0	0	
2,384	2,286	0	0	2,384	2,286	056	FIRE PROT	IN PUBL	0	0	0	
2,944	2,806	8	6	2,952	2,812		FIRE PROT	IN	0	0	0	
416	360	3	3	419	363	055	FIRE PROT	OUT PRIV	0	0	0	
1,139	1,087	0	0	1,189	1,087	057	FIRE PROT	OUT PUBL	0	0	0	
1,635	1,447	3	3	1,608	1,450		FIRE PROT	OUT	0	0	0	
4,549	4,253	11	9	4,560	4,262		FIRE PROT		0	0	0	
70,170	67,927	1,782	1,924	71,952	69,851		TOTAL		213	217	4-	1.8

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER CONSUMPTION FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	THIS YEAR	12 MONTHS ENDING		PERCENT			
	LAST YEAR	INCRE/DECRE				LAST YEAR	INCRE/DECRE				
WATER CONSUMPTION											
230,100	211,522	18,578	8.8	050	RESI	IN	HOME	3,233,227	3,324,229	91,002-	2.7
24,881	24,065	816	3.4	150	RESI	IN	MULT RESI	319,805	318,341	1,464	.5
93,084	134,124	35,440-	26.4	250	RESI	IN	APMT	1,229,768	1,266,271	36,503-	2.9
2,990	2,103	887	42.2	076	RESI	IN	SPEC A	42,841	43,667	826-	1.9
544	302	242	80.1	078	RESI	IN	SPEC B	7,381	7,525	144-	1.9
357,199	372,116	14,917-	4.0		RESI	IN		4,833,022	4,960,033	127,011-	2.6
203,550	185,932	17,618	9.5	051	RESI	OUT	HOME	2,930,626	3,059,424	128,798-	4.2
8,861	8,697	164	1.9	151	RESI	OUT	MULT RESI	115,613	116,019	406-	.3
63,018	54,870	8,148	14.8	251	RESI	OUT	APMT	709,570	723,217	13,247-	1.8
1,942	1,637	305	18.6	077	RESI	OUT	SPEC A	31,658	34,642	2,984-	8.6
31	18	13	72.2	079	RESI	OUT	SPEC B	343	302	41	13.6
277,402	251,154	26,248	10.5		RESI	OUT		3,788,210	3,933,604	145,394-	3.7
634,601	623,270	11,331	1.8		RESI			8,621,232	8,893,637	272,405-	3.0
95,729	98,521	2,792-	2.8	550	COMM	IN	BUSI	1,212,554	1,171,428	41,126	3.5
62,451	59,523	2,968	5.0	350	COMM	IN	HOTL	783,382	757,861	25,521	3.4
42,491	36,035	5,856	16.0	450	COMM	IN	OFFC	541,012	524,747	16,265	3.1
203,711	194,679	6,032	3.1		COMM	IN		2,536,948	2,454,036	82,912	3.4
52,050	44,778	7,872	17.6	551	COMM	OUT	BUSI	685,234	573,379	111,855	19.5
36,257	25,126	11,131	44.3	351	COMM	OUT	HOTL	549,581	347,087	202,494	58.3
16,634	15,109	1,525	10.1	451	COMM	OUT	OFFC	214,245	233,588	19,343-	8.3
105,541	85,013	20,528	24.1		COMM	OUT		1,449,060	1,154,054	295,006	25.6
306,252	279,692	26,560	9.4		COMM			3,986,008	3,608,090	377,918	10.4
87,678	79,315	8,363	10.5	650	IND	IN	IND	1,042,353	1,058,502	16,149-	1.5
87,678	79,315	8,363	10.5		IND	IN		1,042,353	1,058,502	16,149-	1.5
32,948	51,515	18,567-	36.0	651	IND	OUT	IND	679,089	683,165	4,076-	.6
32,948	51,515	18,567-	36.0		IND	OUT		679,089	683,165	4,076-	.6
120,625	130,830	10,204-	7.7		IND			1,721,442	1,741,667	20,225-	1.1
25,730	15,360	10,370	67.5	052	IRRI	IN	IRRI	293,769	267,419	26,350	9.9
25,730	15,360	10,370	67.5		IRRI	IN		293,769	267,419	26,350	9.9
28,748	11,269	17,479		053	IRRI	OUT	IRRI	315,076	205,688	109,388	53.2
28,748	11,269	17,479			IRRI	OUT		315,076	205,688	109,388	53.2
54,478	26,629	27,849			IRRI			608,845	473,107	135,738	28.6
0	0	0		054	FIRE PROT	IN	PRIV	0	0	0	0
0	0	0		056	FIRE PROT	IN	PUBL	0	0	0	0
0	0	0			FIRE PRGT	IN		0	0	0	0
0	0	0		055	FIRE PROT	OUT	PRIV	0	0	0	0
0	0	0		057	FIRE PROT	OUT	PUBL	0	0	0	0
0	0	0			FIRE PROT	OUT		0	0	0	0
0	0	0			FIRE PROT			0	0	0	0
0	0	0		044	SVC FEES	IN	TEMP CONN	0	0	0	0
0	0	0			SVC FEES	IN		0	0	0	0

ORLAND UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER CONSUMPTION FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		INCRE/DECRE	PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR					THIS YEAR	LAST YEAR		
0	0		0		045 SVC FEES OUT TEMP CONN	0	0	0	
0	0		0		SVC FEES CUT	0	0	0	
0	0		0		SVC FEES	0	0	0	
0	0		0	059	OTHR IN OTHR	0	0	0	
0	0		0		CTHR IN	0	0	0	
0	0		0	059	GTHR OUT OTHR	0	0	0	
0	0		0		OTHR OUT	0	0	0	
0	0		0		GTHR	0	0	0	
2,107	2,409		302-	12.5	058 OUC USE IN METR	37,262	42,203	4,941-	11.7
13	13		0		072 OUC USE IN LAKE HIGH	1,288	583	705	
2,850	2,234		616	27.6	073 OUC USE IN OTHR WELL	52,700	75,102	22,402-	29.8
5,299	7,263		1,964-	27.0	074 OUC USE IN FLSH MAIN	67,228	62,198	5,030	8.1
401	760		359-	47.2	075 CUC USE IN OVHD TANK	5,228	7,287	2,059-	28.3
10,670	12,679		2,009-	15.8	CUC USE IN	163,706	187,373	23,667-	12.6
10,670	12,679		2,009-	15.8	CUC USE	163,706	187,373	23,667-	12.6
1,126,627	1,073,100		53,527	5.0	TOTAL	15,101,233	14,903,874	197,359	1.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 ELECTRIC REVENUE/CONSUMPTION FOR YEAR ENDED FEB 1980

CONSUMPTION	CURRENT MONTH AMOUNT	CTS/KWH	DESCRIPTION				12 MONTHS ENDING CONSUMPTION	AMOUNT	CTS/KWH
REVENUE ELECTRIC									
32,050,350	1,458,777-	4.55	00	RESI	IN	HOME	345,282,927	13,922,498-	4.03
15,735,753	737,616-	4.69	02	RESI	IN	MULT RESI	171,972,810	7,153,514-	4.16
537,305	7,501-	1.40	22	RESI	IN	SPEC A	5,365,679	67,202-	1.25
43,757	451-	1.03	38	RESI	IN	SPEC B	465,170	2,272-	.49
48,367,170	2,204,345-	4.56		RESI	IN		523,086,586	21,145,486-	4.04
23,433,351	1,122,649-	4.79	01	RESI	CUT	HOME	272,590,806	11,585,592-	4.25
7,263,938	357,255-	4.92	03	RESI	OUT	MULT RESI	83,267,155	3,642,887-	4.37
385,573	5,435-	1.41	23	RESI	OUT	SPEC A	4,455,503	57,502-	1.29
7,592	74-	.97	39	RESI	CUT	SPEC B	61,054	293-	.48
31,090,454	1,485,413-	4.78		RESI	OUT		360,374,518	15,286,274-	4.24
79,457,624	3,689,758-	4.64		RESI			883,461,104	36,431,760-	4.12
8,704,426	489,480-	5.62	06	GSND	IN		121,202,945	6,016,929-	4.96
0	0			GSND	IN	AC	0	0	
0	0			GSND	IN	POWR	0	0	
8,704,426	489,480-	5.62		GSND	IN		121,202,945	6,016,929-	4.96
4,113,052	245,913-	5.97	07	GSND	OUT		55,750,706	2,965,966-	5.32
0	0			GSND	CUT	AC	0	0	
0	0			GSND	CUT	POWR	0	0	
0	0			GSND	OUT	FLAT	0	0	
4,113,052	245,913-	5.97		GSND	CUT		55,750,706	2,965,966-	5.32
12,822,478	735,393-	5.74		GSND			176,953,651	8,982,895-	5.08
0	222,645-		08	GSD	IN	DEM	0	2,847,077-	
45,613,254	1,652,325-	3.62	10	GSD	IN	ENER	590,144,867	19,020,624-	3.22
45,613,254	1,874,970-	4.11		GSD	IN		590,144,867	21,867,701-	3.71
0	73,676-		09	GSD	OUT	DEM	0	987,335-	
16,268,964	663,443-	4.08	11	GSD	CUT	ENER	195,667,761	6,758,874-	3.45
16,268,964	737,119-	4.53		GSD	OUT		195,667,761	7,746,209-	3.96
61,887,218	2,612,089-	4.22		GSD			785,812,628	29,613,910-	3.77
0	39,581-		14	GSD	PRI	IN DEM	0	364,128-	
7,162,599	254,330-	3.55	16	GSD	PRI	IN ENER	117,162,205	3,270,782-	2.79
7,162,599	293,911-	4.10		GSD	PRI	IN	117,162,205	3,634,910-	3.10
0	21,145-		15	GSD	PRI	OUT DEM	0	263,749-	
7,006,620	258,385-	3.69	17	GSD	PRI	CUT ENER	88,957,375	2,729,085-	3.07
7,006,620	279,530-	3.99		GSD	PRI	OUT	88,957,375	2,992,834-	3.36
14,169,219	573,441-	4.05		GSD	PRI		206,119,580	6,627,744-	3.22
2,795	198-	7.08	20	PRIV	STLT	IN RESI	32,619	2,101-	6.44
33,416	2,229-	6.67	24	PRIV	STLT	IN COMM	382,104	22,872-	5.99
0	0		36	PRIV	STLT	IN SECU LITE	0	0	
36,214	2,427-	6.70		PRIV	STLT	IN	414,723	24,973-	6.02
196,581	15,154-	7.71	21	PRIV	STLT	OUT RESI	2,307,884	168,395-	7.30
95,926	6,988-	7.28	25	PRIV	STLT	OUT COMM	1,129,047	75,931-	6.73
292,507	22,142-	7.57		PRIV	STLT	OUT	3,436,931	244,326-	7.11
0	24,569-	7.47		PRIV	STLT		3,851,654	269,299-	7.11

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 ELECTRIC REVENUE/CONSUMPTION FOR YEAR ENDED FEB 1980

CONSUMPTION	CURRENT MONTH AMOUNT	CTS/KWH	DESCRIPTION	12 MONTHS ENDING CONSUMPTION	AMOUNT	CTS/KWH
500	23-	4.60	30 PUBL STLT IN OVHD	10.660	350-	3.28
0	0		32 PUBL STLT IN WWAY	0	0	
65.166	3.585-	5.50	33 PUBL STLT IN FLOR	827.185	40,269-	4.87
1,252,639	86,515-	6.91	34 PUBL STLT IN MERC	15,182,228	955,842-	6.30
71,814	6,025-	8.39	31 PUBL STLT IN SODM VAPR	529,068	41,877-	7.92
204,302	7,878-	3.86	35 PUBL STLT IN TRAF	2,402,582	77,362-	3.22
0	0		29 PUBL STLT IN SIRE	0	365-	
1,594,421	104,026-	6.52	PUBL STLT IN	18,951,723	1,116,065-	5.89
0	18-		05 PUBL STLT OUT TRAF	0	216-	
0	18-		PUBL STLT CUT	0	216-	
1,594,421	104,044-	6.53	PUBL STLT	18,951,723	1,116,281-	5.89
0	10-		40 SVC FEES IN TEMP CONN	0	331-	
0	5,480-		42 SVC FEES IN CUT ON	0	74,620-	
0	8,972-		46 SVC FEES IN RECD CHG	0	108,556-	
0	14,462-		SVC FEES IN	0	183,507-	
0	18-		41 SVC FEES OUT TEMP CONN	0	282-	
0	4,595-		43 SVC FEES OUT CUT ON	0	56,805-	
0	7,030-		47 SVC FEES CUT RECD CHG	0	82,929-	
0	11,643-		SVC FEES CUT	0	140,016-	
0	26,105-		SVC FEES	0	323,523-	
0	0		49 QTHR IN OTHR	0	0	
0	0		CTHR IN	0	0	
0	0		49 QTHR OUT OTHR	0	0	
0	0		QTHR OUT	0	0	
0	0		CTHR	0	0	
1,367	65-	4.75	04 QUC USE IN RESI	13,910	586-	4.21
191,922	9,791-	5.10	27 QUC USE IN GSND	2,852,513	124,791-	4.37
0	4,637-		26 QUC USE IN GSD DEM	0	102,421-	
1,384,480	52,961-	3.83	28 QUC USE IN GSD ENER	19,207,140	604,608-	3.15
0	0		48 QUC USE IN XWAY LITE	0	0	
1,577,769	67,454-	4.28	QUC USE IN	22,073,563	832,406-	3.77
1,577,769	67,454-	4.28	QUC USE	22,073,563	832,406-	3.77
0	71,816-		18 FOR SALE OUT DEM	0	922,182-	
0	0		018 INTR CHG CLAS B DEM	0	0	
0	0		018 INTR CHG CLAS D DEM	0	0	
60,353,000	2,613,324-	4.33	19 FOR SALE OUT ENER	834,447,000	29,030,908-	3.48
0	0		019 INTR CHG CLAS A ENER	0	0	
0	0		019 INTR CHG CLAS B ENER	0	0	
0	0		019 INTR CHG CLAS C ENER	0	0	
0	0		019 INTR CHG CLAS D ENER	0	0	
60,353,000	2,685,140-	4.45	INTR CHG CLAS	834,447,000	29,953,090-	3.59
60,353,000	2,685,140-	4.45	INTR CHG	834,447,000	29,953,090-	3.59
232,190,450	10,517,993-	4.53	TOTAL	2,931,670,903	114,150,908-	3.89

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 WATER REVENUE/CONSUMPTION FOR YEAR ENDED FEB 1980

CONSUMPTION	CURRENT MONTH AMOUNT	CTS/M GAL	DESCRIPTION			12 MONTHS ENDING CONSUMPTION	AMOUNT	CTS/M GAL
REVENUE WATER								
230,100	142,558-	61.95	050	RESI	IN HOME	3,233,227	1,895,945-	58.64
24,881	13,993-	56.24	150	RESI	IN MULT RESI	319,805	175,799-	54.97
98,684	41,063-	41.61	250	RESI	IN APMT	1,229,768	504,631-	41.03
2,990	610-	20.40	076	RESI	IN SPEC A	42,841	7,865-	18.36
544	30-	5.51	078	RESI	IN SPEC B	7,381	358-	4.85
357,199	198,254-	55.50		RESI	IN	4,833,022	2,584,598-	53.48
203,550	178,994-	87.94	051	RESI	CUT HOME	2,930,626	2,409,209-	82.21
8,861	6,699-	75.60	151	RESI	OUT MULT RESI	115,613	85,305-	73.78
63,018	34,540-	54.81	251	RESI	OUT APMT	709,970	387,638-	54.60
1,942	665-	34.24	077	RESI	OUT SPEC A	31,658	8,512-	28.15
31	5-	16.13	079	RESI	OUT SPEC B	343	66-	19.24
277,402	220,903-	79.63		RESI	CUT	3,788,210	2,891,130-	76.32
634,601	419,157-	66.05		RESI		8,621,232	5,475,728-	63.51
95,729	45,262-	47.28	550	COMM	IN BUSI	1,212,554	561,109-	46.27
62,491	24,293-	38.87	350	COMM	IN HOTEL	783,382	302,042-	38.56
42,491	19,884-	46.80	450	COMM	IN OFFC	541,012	247,364-	45.72
200,711	89,439-	44.56		COMM	IN	2,536,948	1,110,515-	43.77
52,650	35,725-	67.85	551	COMM	OUT BUSI	685,234	449,879-	65.65
36,257	19,640-	52.51	351	COMM	OUT HOTEL	549,581	283,762-	51.63
16,634	10,435-	62.73	451	COMM	OUT OFFC	214,245	131,933-	61.58
105,541	65,200-	61.78		COMM	OUT	1,449,060	865,574-	59.73
306,252	154,639-	50.49		COMM		3,986,008	1,976,089-	49.58
87,678	33,641-	38.37	650	IND	IN IND	1,042,353	395,890-	37.98
87,678	33,641-	38.37		IND	IN	1,042,353	395,890-	37.98
32,948	17,182-	52.15	651	IND	OUT IND	679,089	347,007-	51.10
32,948	17,182-	52.15		IND	OUT	679,089	347,007-	51.10
120,626	50,823-	42.13		IND		1,721,442	742,897-	43.16
25,730	11,877-	46.16	052	IRRI	IN IRRI	293,769	135,026-	45.96
25,730	11,877-	46.16		IRRI	IN	293,769	135,026-	45.96
28,748	19,588-	68.14	053	IRRI	OUT IRRI	315,076	212,567-	67.47
28,748	19,588-	68.14		IRRI	OUT	315,076	212,567-	67.47
54,478	31,465-	57.76		IRRI		608,845	347,593-	57.09
0	7,451-		054	FIRE PROT	IN PRIV	0	74,219-	
0	8,940-		056	FIRE PROT	IN PUBL	0	105,596-	
0	16,391-			FIRE PROT	IN	0	179,815-	
0	6,648-		055	FIRE PROT	OUT PRIV	0	87,456-	
0	0		057	FIRE PROT	OUT PUBL	0	81,816-	
0	6,648-			FIRE PROT	OUT	0	169,272-	
0	23,039-			FIRE PROT		0	349,087-	
0	4,135-		044	SVC FEES	IN TEMP CONN	0	58,325-	
0	4,135-			SVC FEES	IN	0	58,325-	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 WATER REVENUE/CONSUMPTION FOR YEAR ENDED FEB 1980

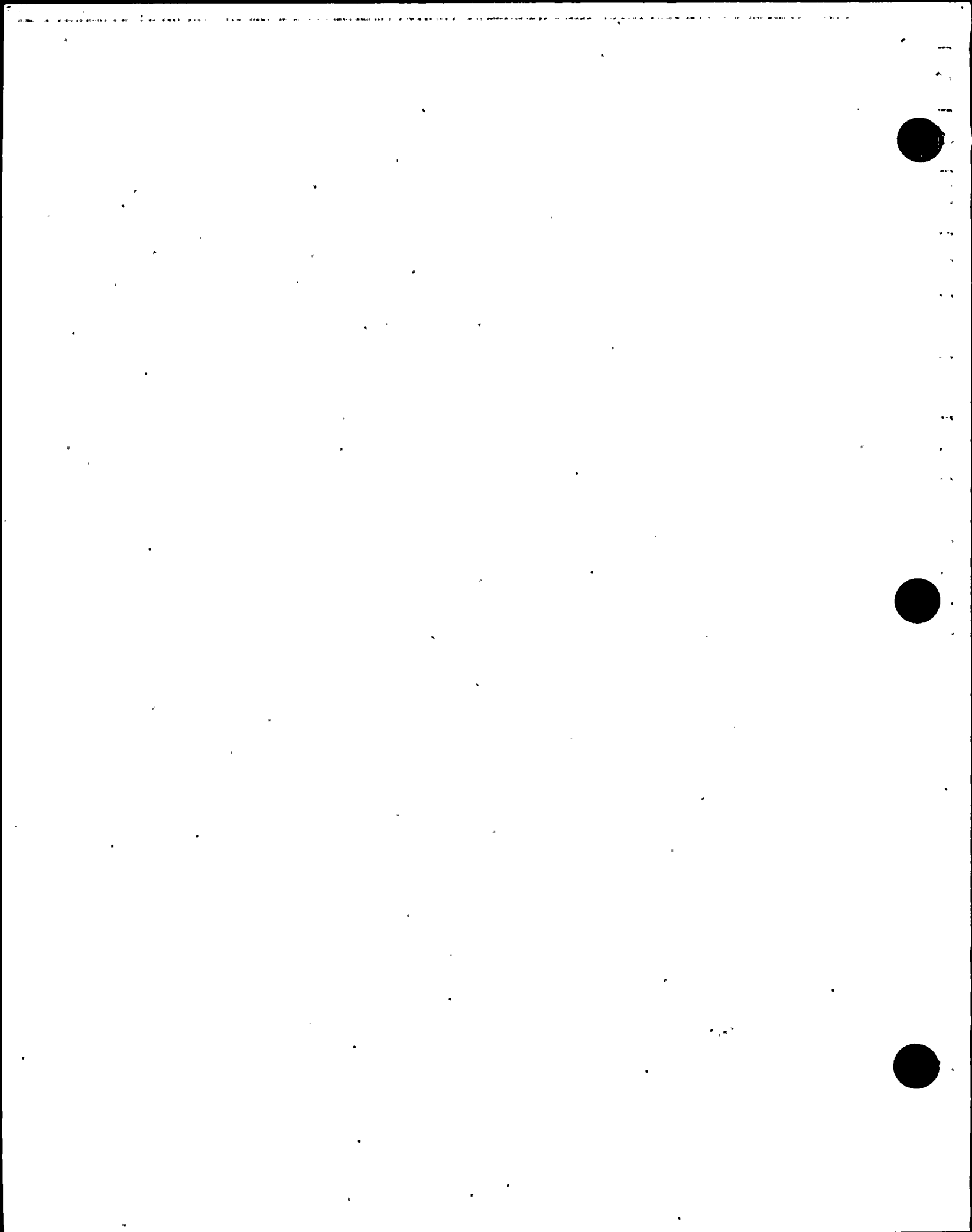
CONSUMPTION	CURRENT MONTH AMOUNT	CTS/M GAL	DESCRIPTION	12 MONTHS ENDING CONSUMPTION	AMOUNT	CTS/M GAL
0	3.477-		045 SVC FEES OUT TEMP CONN	0	47.137-	
0	3.477-		SVC FEES OUT	0	47.137-	
0	7.612-		SVC FEES	0	105.462-	
0	0		059 OTHR IN OTHR	0	0	
0	0		GTHR IN	0	0	
0	0		059 OTHR OUT OTHR	0	32-	
0	0		GTHR OUT	0	32-	
0	0		GTHR	0	32-	
2,107	995-	47.22	058 OUC USE IN METR	37,262	16,316-	43.79
13	0		072 OUC USE IN LAKE HIGH	1,288	0	
2,850	0		073 CUC USE IN OTHR WELL	52,700	0	
5,299	0		074 CUC USE IN FLSH MAIN	67,228	0	
401	0		075 CUC USE IN OVHD TANK	5,228	0	
10,670	995-	9.33	CUC USE IN	163,706	16,316-	9.97
10,670	995-	9.33	OUC USE	163,706	16,316-	9.97
1,120,627	687,730-	61.04	TOTAL	15,101,233	9,013,204-	59.69

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC GENERATION STATISTICS FOR YEARS ENDING FEB 1980

DESCRIPTION	12 MONTHS ENDING		LAST YEAR		INCR/DECR	
	THIS YEAR	PER	LAST YEAR	PER	PER	PRCNT
	KWH	KWH GEN	KWH	KWH GEN	KWH GEN	
GENERATION	3,136,513,000		3,185,240,000			1.5-
PLANT USE	109,252,000		109,595,000			.3-
DELIVERED	3,027,261,000		3,075,645,000			1.6-
INADVERTENT	51,000		504,000			89.9-
PURCHASED	19,775,150		4,152,350			
AVAILABLE	3,047,087,150		3,080,301,350			1.1-
SOLD	2,931,670,903		3,006,278,376			2.5-
UNBILLED	115,416,247		74,022,974			55.9
OPERATIONS						
500 SUPV AND ENGR		.0002		.0002	.0000	
505 OPNS EXP		.0006		.0005	.0001	20.0
506 MISC EXP		.0003		.0001	.0002	
525 RENT		.0000		.0000	.0000	
TOTL OPNS		.0011		.0008	.0003	37.5
FUELS						
501 FOSS FUEL		.0232		.0169	.0063	37.3
518 NUKE FUEL		.0000		.0000	.0000	
TOTL FUEL		.0232		.0169	.0063	37.3
MAINTENANCE						
511 MNTC STRUCT		.0001		.0001	.0000	
512 MNTC DLRS		.0003		.0007	.0004-	57.1
513 MNTC TURB		.0003		.0003	.0000	
514 MNTC MISC PLNT		.0002		.0002	.0000	
526 MNTC NUKE PLNT		.0001		.0000	.0001	
553 MNTC GAS TURE		.0001		.0000	.0001	
TOTL MNTC		.0011		.0013	.0002-	15.4
TCTL ELEC GENR						
555 PURCH POWR		.0254		.0190	.0064	33.7
556 LOAD CNT		.0002		.0000	.0002	
556 LOAD CNT		.0000		.0000	.0000	
565 XMSN SVCS		.0000		.0000	.0000	
TOTL POWR SUPP EXP		.0256		.0190	.0066	34.7

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH LAST YEAR	INCRE/DECRE	PERCENT	DESCRIPTION	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
ELEC GENR								
84,909	51,002	33,907	66.5	500 SUPV AND ENGR	756,582	621,716	125,266	19.8
176,801	120,146	56,655	47.2	505 OPNS EXP	1,856,242	1,533,333	322,909	21.1
53,699	43,352	10,347	23.9	506 MISC EXP	1,007,386	441,484	565,902	
2,829	1,437	1,392	96.9	525 RENT	16,447	17,245	798-	4.6
318,238	215,937	102,301	47.4	TOTL OPNS	3,637,057	2,623,778	1,013,279	38.6
7,591,951	5,278,785	2,313,166	43.8	501 FOSS FUEL	72,891,202	53,882,206	19,008,996	35.3
17,338	19,756	2,368-	12.0	518 NUKE FUEL	151,804	97,834	53,970	55.2
7,609,339	5,298,541	2,310,798	43.6	TCTL FUEL	73,043,006	53,980,040	19,062,966	35.3
31,233	28,256	3,027	10.7	511 MNTC STRUCT	339,343	304,632	34,711	11.4
46,616	32,987	13,629	41.3	512 MNTC BLRS	817,987	2,244,784	1,426,797-	63.6
51,511	19,518	31,993		513 MNTC TURB	864,824	805,753	59,071	7.3
73,716	51,524	22,192	43.1	514 MNTC MISC PLNT	511,260	541,773	30,513-	5.6
14,939	7,861	7,128	90.7	526 MNTC NUKE PLNT	313,772	108,824	204,948	
303	392	89-	22.7	553 MNTC GAS TURB	168,666	20,620	148,046	
218,418	140,538	77,880	55.4	TOTL MNTC	3,015,852	4,026,386	1,010,534-	25.1
8,145,995	5,655,016	2,490,979	44.0	TOTL ELEC GENR	79,695,915	60,630,204	19,065,711	31.4
20,392	5,501	14,891		555 PRCH POWR	773,645	125,405	648,240	
115	54	61		556 LOAD CONT	1,145	645	500	77.5
9,899	9,836	62	.6	565 XMSN SVCS	139,175	127,750	11,425	8.9
8,176,400	5,670,407	2,505,993	44.2	TCTL POWR SUPP EXP	80,609,880	60,864,004	19,725,876	32.4



ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
				ELEC GENR & ENVR DIR				
13.133	12.646	487	3.9	500 SUPV AND ENGR	149.498	150.709	1.211-	.8
2.835	1.483	1.322	89.1	506 MISC EXP	40.615	47.794	7.179-	15.0
15.938	14.129	1.809	12.8	TCTL CPNS	190.113	198.503	8.390-	4.2
15.938	14.129	1.809	12.8	TOTL ELEC GENR	190.113	198.503	8.390-	4.2

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC GENERATION STATISTICS FOR YEARS ENDING FEB 1980

DESCRIPTION	12 MONTHS ENDING		LAST YEAR		INCR/DECR	
	THIS YEAR KWH	PER KWH GEN	PER KWH GEN	PER KWH GEN	PER KWH GEN	PRCNT
LAKE HIGHLAND						
GENERATION	177,823,000		65,450,000			
PLANT USE	16,503,000		8,619,000			91.5
DELIVERED	161,320,000		56,831,000			
OPERATICS						
500 SUPV AND ENGR		.0008		.0018	.0010-	55.6
505 OPNS EXP		.0037		.0086	.0049-	57.0
506 MISC EXP		.0002		.0005	.0003-	60.0
TOTL OPNS		.0047		.0109	.0062-	56.9
FUELS						
501 FOSS FUEL		.0231		.0213	.0018	8.5
TOTL FUEL		.0231		.0213	.0018	8.5
MAINTENANCE						
511 MNTC STRUCT		.0007		.0013	.0006-	46.2
512 MNTC BLRS		.0004		.0010	.0006-	60.0
513 MNTC TURB		.0002		.0027	.0025-	92.6
514 MNTC MISC PLNT		.0006		.0009	.0003-	33.3
553 MNTC GAS TURB		.0009		.0003	.0006	
TOTL MNTC		.0028		.0062	.0034-	54.8
TOTL ELEC GENR		.0306		.0384	.0078-	20.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH			DESCRIPTION	12 MONTHS ENDING			
	LAST YEAR	INCRE/DECRE	PERCENT		THIS YEAR	LAST YEAR	INCRE/DECRE	PERCENT
LAKE HIGHLAND PLANT								
16,296	9,683	6,613	68.3	500 SUPV AND ENGR	140,728	120,096	20,632	17.2
69,313	43,615	25,698	58.9	505 CPNS EXP	661,103	564,768	96,335	17.1
3,959	2,609	1,350	51.7	506 MISC EXP	44,342	30,128	14,214	47.2
89,568	55,907	33,661	60.2	TOTL CPNS	846,173	714,952	131,181	18.3
241,509	298,759	57,250-	19.2	501 FOSS FUEL	4,115,570	1,353,411	2,722,159	
241,509	298,759	57,250-	19.2	TOTL FUEL	4,115,570	1,353,411	2,722,155	
10,091	7,615	2,476	32.5	511 MNTC STRUCT	116,257	87,299	28,958	33.2
10,159	1,905	8,254		512 MNTC BLRS	78,113	64,817	13,296	20.5
5,277	4,569	708	15.5	513 MNTC TURB	35,527	174,427	138,900-	79.6
12,423	12,578	155-	1.2	514 MNTC MISC PLNT	100,516	61,687	38,829	62.9
303	392	89-	22.7	553 MNTC GAS TURB	168,666	20,620	148,046	
38,253	27,059	11,194	41.4	TOTL MNTC	499,079	408,850	90,229	22.1
369,330	381,725	12,395-	3.2	TOTL ELEC GENR	5,460,822	2,517,253	2,943,569	

O R L A N D O U T I L I T I E S C O M M I S S I O N
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC GENERATION STATISTICS FOR YEARS ENDING FEB 1980

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DESCRIPTION	12 MONTHS ENDING		LAST YEAR		INCR/DECR	
	THIS YEAR KWH	PER KWH GEN	PER KWH	PER KWH GEN	PER KWH GEN	PRCNT
INDIAN RIVER						
GENERATION	2,895,193,000		3,074,135,000			5.8-
PLANT USE	89,657,000		98,673,000			9.1-
DELIVERED	2,805,536,000		2,975,462,000			5.7-
OPERATIONS						
500 SUPV AND ENGR		.0001		.0001	.0000	
505 OPNS EXP		.0004		.0003	.0001	33.3
506 MISC EXP		.0003		.0001	.0002	
TOTL OPNS		.0008		.0005	.0003	60.0
FUELS						
501 FOSS FUEL		.0238		.0171	.0067	39.2
TOTL FUEL		.0238		.0171	.0067	39.2
MAINTENANCE						
511 MNTC STRUCT		.0001		.0001	.0000	
512 MNTC BLRS		.0003		.0007	.0004-	57.1
513 MNTC TURB		.0003		.0002	.0001	50.0
514 MNTC MISC PLNT		.0001		.0002	.0001-	50.0
TOTL MNTC		.0008		.0012	.0004-	33.3
TOTL ELEC GENR		.0254		.0188	.0066	35.1

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH LAST YEAR	MONTH INCRE/DECRE	PERCENT	DESCRIPTION	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
INDIAN RIVER PLANT								
51,814	26,156	25,658	98.1	500 SUPV AND ENGR	416,404	328,516	87,888	26.8
132,374	71,334	31,040	43.5	505 OPNS EXP	1,108,800	920,602	188,198	20.4
43,337	33,569	6,818	20.3	506 MISC EXP	844,393	291,828	552,565	
194,575	131,059	63,516	48.5	TCTL CPNS	2,369,597	1,540,946	828,651	53.8
7,350,442	4,980,026	2,370,416	47.6	501 FOSS FUEL	68,775,632	52,488,795	16,286,837	31.0
7,350,442	4,980,026	2,370,416	47.6	TOTL FUEL	68,775,632	52,488,795	16,286,837	31.0
21,192	20,641	551	2.7	511 MNTC STRUCT	223,086	217,333	5,753	2.6
36,457	31,082	5,375	17.3	512 MNTC BLRS	739,874	2,179,967	1,440,093-	66.1
46,234	14,949	31,285		513 MNTC TURB	829,297	631,326	197,971	31.4
61,293	38,946	22,347	57.4	514 MNTC MISC PLNT	410,744	480,086	69,342-	14.4
165,176	105,618	59,558	56.4	TOTL MNTC	2,203,001	3,508,712	1,305,711-	37.2
7,713,193	5,216,703	2,493,490	47.8	TOTL ELEC GENR	73,348,230	57,538,453	15,809,777	27.5

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC GENERATION STATISTICS FOR YEARS ENDING FEB 1980

DESCRIPTION	12 MONTHS ENDING		LAST YEAR		INCR/DECR PER PRCNT
	THIS YEAR KWH	PER KWH GEN	PER KWH	PER KWH GEN	
CRYSTAL RIVER					
GENERATION	63,497,000		45,655,000		39.1
PLANT USE	3,092,000		2,303,000		34.3
DELIVERED	60,405,000		43,352,000		39.3
OPERATIONS					
500 SUPV AND ENGR		.0008		.0007	.0001 14.3
505 OPNS EXP		.0014		.0011	.0003 27.3
506 MISC EXP		.0012		.0016	.0004- 25.0
525 RENT		.0003		.0004	.0001- 25.0
TCTL OPNS		.0037		.0038	.0001- 2.6
FUELS					
518 NUKE FUEL		.0024		.0021	.0003 14.3
TOTL FUEL		.0024		.0021	.0003 14.3
MAINTENANCE					
526 MNTC NUKE PLNT		.0049		.0024	.0025
TOTL MNTC		.0049		.0024	.0025
TCTL ELEC GENR		.0110		.0083	.0027 32.5

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH LAST YEAR	INCRE/DECRE	PERCENT	DESCRIPTION	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
CRYSTAL RIVER PLANT								
3.666	2.517	1.149	45.6	500 SUPV AND ENGR	50.352	32.395	17.957	55.4
5.114	5.197	83-	1.6	505 OPNS EXP	86.339	47.963	38.376	80.0
6.543	5.691	857	15.1	506 MISC EXP	78.036	71.734	6.302	8.8
2.829	1.437	1.392	96.9	525 RENT	16.447	17.245	798-	4.6
18.157	14.842	3.315	22.3	TOTL CPNS	231.174	169.337	61.837	36.5
17.388	19.756	2.368-	12.0	518 NUKE FUEL	151.804	97.834	53.970	55.2
17.388	19.756	2.368-	12.0	TOTL FUEL	151.804	97.834	53.970	55.2
14.939	7.861	7.128	90.7	526 MNTC NUKE PLNT	313.772	108.824	204.948	
14.939	7.861	7.128	90.7	TOTL MNTC	313.772	108.824	204.948	
50.534	42.459	8.075	19.0	TOTL ELEC GENR	696.750	375.995	320.755	85.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
				ELEC XMSN				
19,261	6,460	12,801		560 SUPV AND ENGR	154,142	78,315	75,827	96.8
33,441	19,668	10,773	54.8	561 LOAD DISP	292,790	244,384	48,406	19.8
49,702	26,128	23,574	90.2	TCTL CPNS	446,932	322,699	124,233	38.5
468,380	5,919	462,461		569 MNTC STRUCT	587,612	127,044	460,568	
37,771	26,924	10,947	40.8	570 MNTC STAT EQPT	413,575	360,989	52,586	14.6
20,572	8,200	12,372		573 MNTC MISC PLNT	143,587	95,793	47,794	49.9
526,723	40,943	485,780		TOTL MNTC	1,144,774	583,826	560,948	96.1
576,425	67,071	509,354		TOTL ELEC XMSN	1,591,706	906,525	685,181	75.6

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE ELECTRIC STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE						
ELEC DIST								
80,888	52,913	27,975	52.9	580 SUPV AND ENGR	673,094	662,922	10,172	1.5
26,005	23,006	2,999	13.0	583 OVHD LINE EXP	354,915	337,969	16,946	5.0
8,398	18,554	10,156-	54.7	584 UGRD LINE EXP	241,626	260,160	18,554-	7.1
25,907	11,024	14,883		588 MISC EXP	195,620	20,199	75,421	62.7
141,198	105,497	35,701	33.8	TOTL CPNS	1,465,255	1,381,270	83,985	6.1
5,575	3,284	2,291	69.8	590 SUPV AND ENGR	46,854	40,961	5,893	14.4
48,491	37,567	10,924	29.1	593 MNTC OVHD LINE	552,046	481,603	70,443	14.6
23,033	11,998	11,035	92.0	594 MNTC UGRD LINE	205,382	132,759	72,623	54.7
7,745	3,209	4,536		595 MNTC LINE XFMR	70,428	59,952	10,476	17.5
16,183	8,277	7,906	95.5	596 MNTC ST LITE	113,004	105,332	7,672	7.3
21,250	17,252	4,004	23.2	597 MNTC MTRS	213,772	210,770	3,002	1.4
47,535	31,123	16,462	52.9	598 MNTC MISC PLNT	466,378	374,061	92,317	24.7
169,968	112,710	57,158	50.7	TOTL MNTC	1,667,864	1,405,438	262,426	18.7
311,066	218,207	92,859	42.6	TOTL ELEC DIST	3,133,119	2,786,708	346,411	12.4

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER PRODUCTION STATISTICS FOR YEARS ENDING FEB 1980

DATE 03/28/80
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DESCRIPTION	12 MONTHS ENDING		LAST YEAR		INCR/DECR	
	THIS YEAR	PER	LAST YEAR	PER	INCR/DECR	PRCNT
	M GALS	M GAL TREAT	M GALS	M GAL TREAT	M GAL TREAT	
WATER TREATED	16,625,201		16,964,336			2.0-
USED BY WATER DEPT						
PLANTS	61,101		51,312			19.1
WELLS	53,988		75,685			28.7-
FLUSH MAINS	67,228		62,198			8.1
OVERHEAD TANKS	5,228		7,287			28.3-
TOTAL	187,545		196,482			4.5-
PUMPED FOR SALE	16,437,656		16,767,854			2.0-
SALES						
CUSTOMER	14,937,527		14,716,501			1.5
INTERDEPT USE	37,262		42,203			11.7-
TOTAL	14,974,789		14,758,704			1.5
LCSSSES & UNBILLED SA.	1,462,867		2,009,150			27.2-
X LOSSES OF WATER TR	8.8		11.8			
OPERATIONS						
600 SUPV AND ENGR		.0267		.0219	.0048	21.9
603 MISC EXP		.0025		.0024	.0001	4.2
621 POWR FOR PROD RW		.0197		.0175	.0022	12.6
623 POWR FOR PROD TR		.0201		.0178	.0023	12.9
627 RENT		.0000		.0000	.0000	
641 CHEM		.0071		.0071	.0000	
TOTL OPNS		.0761		.0667	.0094	14.1
MAINTENANCE						
631 MNTC PUMP STRUCT		.0012		.0012	.0000	
633 MNTC PUMP EQPT		.0050		.0048	.0002	4.2
651 MNTC TMNT STRUCT		.0007		.0009	.0002-	22.2
652 MNTC TMNT EQPT		.0051		.0044	.0007	15.9
672 MNTC STOR PLNT		.0015		.0005	.0010	
TOTL MNTC		.0135		.0118	.0017	14.4
TOTL WATR PROD		.0896		.0785	.0111	14.1

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
WATR PROD								
47,629	28,640	18,989	66.3	600 SUPV AND ENGR	444,580	372,312	72,268	19.4
3,263	3,432	169-	4.9	603 MISC EXP	41,253	40,339	914	2.3
28,250	23,143	5,107	22.1	621 POWR FOR PROD RW	327,374	297,530	29,844	10.0
25,471	22,993	2,478	10.8	623 POWR FCR PRCD TR	334,655	302,244	32,411	10.7
0	0	0		627 RENT	0	0	0	
10,528	6,705	3,823	57.0	641 CHEM	118,513	120,926	2,413-	2.0
115,141	84,913	30,228	35.6	TOTL OPNS	1,266,375	1,133,351	133,024	11.7
2,363	1,108	1,255		631 MNTC PUMP STRUCT	20,295	20,604	291	1.5
12,403	6,720	5,683	84.6	633 MNTC PUMP EOPT	83,007	81,926	1,081	1.3
317	856	539-	63.0	651 MNTC TMNT STRUCT	12,107	14,638	2,531-	17.3
8,292	6,928	1,364	19.7	652 MNTC TMNT EOPT	84,120	74,551	9,569	12.8
1,428	513	915		672 MNTC STOR PLNT	25,306	8,021	17,285	
24,803	16,125	8,678	53.8	TCTL MNTC	224,835	155,140	25,695	12.9
139,944	101,038	38,906	30.5	TOTL WATR PROD	1,491,210	1,332,491	158,719	11.9

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE WATER STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH LAST YEAR	INCRE/DECRE	PERCENT	DESCRIPTION	THIS YEAR	12 MONTHS ENDING LAST YEAR	INCRE/DECRE	PERCENT
				WATR DIST				
10.331	11.664	1.363-	11.7	660 SUPV AND ENGR	134.040	125.172	8.868	7.1
0	0	0		665 MISC EXP	0	0	0	
10.331	11.664	1.363-	11.7	TCTL OPNS	134.040	125.172	8.868	7.1
9.775	5.713	4.062	71.1	670 SUPV AND ENGR	80.103	69.202	10.901	15.8
59.805	57.432	2.373	4.1	673 MNTC MAIN	681.147	611.941	69.206	11.3
30.840	22.689	8.157	36.0	675 MNTC SVCS	263.911	260.359	3.552	1.4
20.197	14.425	5.772	40.0	676 MNTC NTRS	204.931	190.617	14.314	7.5
6.541	3.777	2.764	73.2	677 MNTC HYDR	66.655	39.463	27.192	68.9
127.164	104.030	23.128	22.2	TOTL MNTC	1,296.747	1,171.582	125.165	10.7
137.465	115.700	21.765	18.8	TOTL WATR DIST	1,430.787	1,296.754	134.033	10.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE CONSOLIDATED STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
				CUST ACCT				
51,676	28,619	23,057	80.6	901 SUPV AND ENGR	426,265	356,822	69,443	19.5
75,867	48,317	27,550	57.0	902 METR READ EXP	689,295	628,807	60,488	9.6
87,383	67,711	19,672	29.1	903 CUST RECS	842,300	782,922	59,378	7.6
20,000	25,000	5,000-	20.0	904 BAD DEBT	225,000	235,000	10,000-	4.3
861	1,498	637-	42.5	905 MISC EXP	14,163	14,742	579-	3.9
235,787	171,145	64,642	37.8	TOTL CUST ACCT	2,197,023	2,018,293	178,730	8.9

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE CONSOLIDATED STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
				MKTG				
13,814	8,056	5,758	71.5	911 SUPV AND ENGR	118,006	100,354	17,652	17.6
1,031	1,342	261-	19.4	912 DEMO EXP	12,433	13,184	751-	5.7
0	0	0		913 ADV EXP	0	0	0	
10	9	1	11.1	916 MISC EXP	116	115	1	.9
14,905	9,407	5,498	58.4	TOTL MKTG	130,555	113,653	16,902	14.9

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE CONSOLIDATED STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
GENL ADMN								
203,921	126,157	82,764	65.6	920 SUPV AND ENGR	1,810,888	1,588,663	222,225	14.0
40,333	37,762	2,571	6.8	921 OFF SUPP	539,387	502,955	36,432	7.2
91,705	12,473	79,232		923 CUTS SVCS	365,085	567,051	201,966-	35.6
79,841	72,293	7,548	10.4	924 PRCP INS	861,955	835,481	26,474	3.2
90,667-	27,831	118,548-		925 INJ AND DMGS	211,004	366,362	155,358-	42.4
107,315-	46,573-	120,742-		926 EMPL BENE	221,451	177,244-	398,695	
7,084	4,470	2,608	58.3	930 MISC EXP	64,832	51,159	13,673	26.7
0	0	0		931 RENT	0	0	0	
109,532	234,469	64,567-	27.5	TCTL CPNS	4,074,602	3,734,427	340,175	9.1
159,560	81,304	78,202	96.1	932 MNTC GENL PLNT	1,451,071	1,196,655	254,416	21.3
159,560	81,304	78,202	96.1	TOTL MNTC	1,451,071	1,196,655	254,416	21.3
329,468	315,833	13,635	4.3	TOTL GENL ADMN	5,525,673	4,931,082	594,591	12.1

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 COMPARATIVE CONSOLIDATED STATEMENT OF OPERATIONS FOR YEAR ENDED FEB 1980

THIS YEAR	CURRENT MONTH		PERCENT	DESCRIPTION	12 MONTHS ENDING		INCRE/DECRE	PERCENT
	LAST YEAR	INCRE/DECRE			THIS YEAR	LAST YEAR		
542,982	524,229	18,753	3.6	403 ELEC DEPN	6,458,962	6,250,542	208,420	3.3
79,936	70,702	9,234	13.1	403 WATR DEPN	1,017,877	852,090	165,787	19.5
18,112	17,183	929	5.4	403 COMM DEPN	215,304	277,410	62,106-	22.4
524	691	167-	24.2	406 ELEC AMOR	7,452	8,288	836-	10.1
0	0	0		406 WATR AMOR	0	0	0	
0	0	0		406 COMM AMOR	0	0	0	
112,547	97,703	14,844	15.2	408 STAT UTIL TAX	1,207,274	1,016,742	190,532	18.7
290,442	250,009	29,633	11.8	408 CITY SUPP XFR EL	3,011,505	2,644,882	366,623	13.9
19,599	18,947	652	3.4	408 CITY SUPP XFR WA	247,580	245,156	2,424	1.0
25,451	21,050	4,395	20.9	408 CNTY PMT ELEC	268,779	230,773	38,006	16.5
15,040-	27,580-	11,940-	43.3	412 LEAS PLNT REV	219,418-	272,691-	53,273-	19.5
990	990	0		413 LEAS PLNT RENT	11,880	11,880	0	
4,638	4,638	0		413 LEAS PLNT DEPN	55,659	55,659	0	
0	0	0		413 LEAS PLNT MNTC	0	0	0	
885,932-	355,817-	530,175		419 INTR INCM	6,057,212-	3,812,488-	2,244,724	58.9
165,295-	106,604-	58,691	55.1	421 NON OPNS INCM	773,320-	12,223,519-	11,450,199-	93.7
14,563	42,493	27,930-	65.7	426 NON OPNS EXP	86,506	62,530	23,976	38.3
0	0	0		427 BOND INTR 1956	0	0	0	
0	0	0		427 BOND INTR 1957	0	33,850	33,850-	
0	0	0		427 BOND INTR 1959	0	18,350	18,350-	
0	0	0		427 BOND INTR 1962	0	65,420	65,420-	
0	0	0		427 BOND INTR 1970	0	79,913	79,913-	
0	0	0		427 BOND INTR 1971	0	126,746	126,746-	
0	0	0		427 BOND INTR 1973	0	58,913	58,913-	
0	0	0		427 BOND INTR 1975A	0	57,466	57,466-	
0	0	0		427 BOND INTR 1976	0	0	0	
0	0	0		427 BOND INTR 1975B	0	44,515	44,515-	
571,408	571,408	0		427 BOND INTR 1978	7,220,537	4,895,061	2,325,476	47.5
202,023	0	202,023		427 BOND INTR 1979	1,010,117	0	1,010,117	
1,373	0	1,373		428 BOND DISC AMOR	9,614	7,807	1,807	23.1
9,938	11,471	1,533-	13.4	431 CYHR INTR EXP	118,824	115,208	3,616	3.1
558,400	484,000	74,400	15.4	437 XFR TO CITY	10,627,200	6,251,000	4,376,200	70.0

*Includes \$11,686,231 gain on debt refunding LAST YEAR

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 CONSOLIDATED OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH			DESCRIPTION	BUDGET AMT	YEAR TO DATE		OVER/UNDER	PERCENT
	ACTUAL AMT	OVER/UNDER	PERCENT			ACTUAL AMT	PERCENT		
13,082,532-	10,517,993-	2,564,589-	19.6	ELEC REV	54,862,408-	42,654,484-	12,207,924-	22.3	
667,775-	687,730-	19,955	3.0	WATR REV	3,626,184-	3,631,884-	5,700	.2	
13,750,357-	11,205,723-	2,544,634-	18.5	TOTL REV	58,488,592-	46,286,368-	12,202,224-	20.9	
10,437,985	9,063,891	1,374,094-	13.2	ELEC OCM EXP	42,286,364	32,154,216	10,132,148-	24.0	
370,031	277,409	92,672-	25.0	WATR OCM EXP	1,514,141	1,220,871	293,270-	19.4	
193,779	235,787	42,008	21.7	CUST ACCTG	968,879	947,999	20,880-	2.2	
10,951	14,905	3,954	36.1	MKTG	54,755	56,099	1,344	2.5	
478,358	329,468	148,900-	31.1	GENL ADMN	2,342,807	2,008,264	334,543-	14.3	
128,375	112,547	15,828-	12.3	STAT UTIL	585,026	558,447	26,579-	4.5	
333,462	280,442	53,020-	15.9	CITY SUPP XFR-EL	1,519,638	1,283,366	236,272-	15.5	
21,400	19,599	1,801-	8.4	CITY SUPP XFR-WA	120,300	101,189	19,111-	15.9	
29,391	25,451	3,940-	13.4	GRAN CNTY PNT	133,937	113,840	20,097-	15.0	
12,003,792	10,359,499	1,644,293-	13.7	TOTL EXP	49,525,847	38,444,291	11,081,556-	22.4	
1,746,565-	846,224-	900,341-	51.5	INCM BEFORE DEPN	8,962,745-	7,842,077-	1,120,668-	12.5	
525,691	543,506	17,815	3.4	ELEC DEPN & AMOR	2,628,455	2,731,897	103,442	3.9	
71,500	79,930	8,436	11.8	WATR DEPN	357,500	423,594	66,094	18.5	
17,500	18,112	612	3.5	COMM DEPN	87,500	50,218	2,718	3.1	
1,131,874-	204,070-	927,204-	81.9	SYST INCM	5,889,290-	4,556,368-	1,292,922-	22.0	
19,732-	10,012-	9,720-	49.3	LEAS INCM	102,420-	38,439-	63,981-	62.5	
1,151,606-	214,682-	936,924-	81.4	CPNS INCM	5,991,710-	4,634,807-	1,356,903-	22.6	
448,000-	885,992-	437,992	97.8	INTR INCM	2,478,500-	3,074,220-	595,720	24.0	
30,000-	165,295-	135,295		NON OPNS INCM	150,000-	415,078-	265,078		
774,740	773,431	1,309-	.2	BOND INTR EXP	3,873,700	3,867,157	6,543-	.2	
0	1,373	1,373		BOND DISC AMOR	0	6,867	6,867		
11,000	9,938	1,062-	9.7	OTHR INTR EXP	55,000	49,516	5,484-	10.0	
2,100	14,563	12,463		NON OPNS EXP	10,500	44,082	33,582		
841,766-	406,664-	375,102-	44.6	NET INCM	4,681,010-	4,156,483-	524,527-	11.2	
653,500	558,403	95,100-	14.6	XFR TO CITY	3,078,500	2,752,200 *	286,300-	9.3	
183,266-	91,736	280,002-		RETN EARN	1,602,510-	1,364,283-	238,227-	14.9	

*Restated

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH			DESCRIPTION	YEAR TO DATE			
	ACTUAL AMT	OVER/UNDER	PERCENT		BUDGET AMT	ACTUAL AMT	OVER/UNDER	PERCENT
13,382,582-	10,517,993-	2,564,589-	19.6	ELEC REV	54,862,408-	42,654,484-	12,207,924-	22.3
244,732	318,238	73,506	30.0	ELEC GENR OPNS	1,210,298	1,561,254	350,956	29.0
9,550,083	7,009,339	1,940,744-	20.3	ELEC GENR FUEL	37,840,750	26,355,403	11,445,347-	30.2
253,478	218,418	35,060-	13.8	ELEC GENR MNTC	1,287,390	1,172,728	114,662-	8.9
10,048,293	8,145,995	1,902,298-	18.9	ELEC GENR EXP	40,338,438	29,129,385	11,209,053-	27.8
7,000	20,392	13,392		PURCH POWR	35,000	660,671	625,671	
100	115	15	15.0	LOAD CONT	500	557	57	11.4
9,836	9,898	62	.6	XMSN SVCS	49,180	62,179	12,999	26.4
10,065,229	8,176,400	1,888,829-	18.8	POWR SUPP EXP	40,423,118	29,852,792	10,570,326-	26.1
37,411	49,702	12,291	32.9	ELEC XMSN OPNS	186,351	260,377	14,626	7.5
50,674	526,723	470,049		ELEC XMSN MNTC	283,370	755,255	471,885	
94,085	576,425	482,340		ELEC XMSN EXP	469,721	955,632	485,911	
148,097	141,198	6,899-	4.7	ELEC DIST OPNS	740,655	613,212	127,443-	17.2
130,574	169,868	39,294	30.1	ELEC DIST MNTC	652,870	732,580	79,710	12.2
278,671	311,066	32,395	11.6	ELEC DIST EXP	1,393,525	1,345,792	47,733-	3.4
10,437,935	9,063,891	1,374,094-	13.2	TOTL ELEC EXP	42,286,364	32,154,216	10,132,148-	24.0
2,044,597-	1,454,102-	1,190,495-	45.0	ELEC SYST INCM	12,576,044-	10,500,268-	2,075,776-	16.5
117,268	139,039	21,771	18.0	ELEC CUST ACCT	586,324	565,878	20,446-	3.5
10,951	14,905	3,954	36.1	ELEC MKTG	54,755	56,099	1,344	2.5
275,847	128,589	147,258-	53.4	ELEC GENL ADMN OPNS	1,341,875	1,050,642	291,233-	21.7
99,191	129,247	30,056	30.3	ELEC GENL ADMN MNTC	495,951	526,726	30,775	6.2
2,141,340-	1,042,322-	1,099,018-	51.3	ELEC TOTL INCM	10,097,139-	8,300,923-	1,796,216-	17.8
128,375	112,547	15,828-	12.3	STAT UTIL TAX	585,026	558,447	26,579-	4.5
333,462	280,442	53,020-	15.9	CITY SUPP XFR	1,519,638	1,283,366	236,272-	15.5
29,391	25,451	3,940-	13.4	ORAN CNTY PMT	133,937	113,840	20,097-	15.0
1,050,112-	623,882-	1,026,230-	62.2	ELEC INCM EX DEPN	7,858,538-	6,345,270-	1,513,268-	19.3
525,000	542,982	17,982	3.4	ELEC PLNT DEPN	2,625,000	2,725,280	104,280	4.0
691	524	167-	24.2	ELEC PLNT AMOR	3,455	2,617	838-	24.3
15,225	15,757	532	3.5	ELEC COMM DEPN	76,125	78,490	2,365	3.1
1,109,196-	64,619-	1,044,577-	94.2	ELEC INCM	5,153,950-	3,534,883-	1,619,075-	31.4
25,360-	15,640-	9,720-	38.3	LEAS PLNT REV	130,560-	66,580-	63,980-	49.0
5,628	5,628	0		LEAS PLNT EXP	28,140	28,141	1	
19,732-	10,012-	9,720-	49.3	LEAS PLNT INCM	102,420-	38,439-	63,981-	62.5
1,123,928-	74,631-	1,054,297-	93.4	ELEC OPNS INCM	5,256,378-	3,573,322-	1,683,056-	32.0
403,200-	797,392-	394,192	97.8	INTR INCM	2,230,650-	2,766,798-	536,148	24.0
30,000-	165,295-	135,295		NON OPNS INCM	150,000-	415,078-	265,078	
697,266	696,088	1,178-	.2	BOND INTR EXP	3,486,330	3,480,441	5,889-	.2
C	1,236	1,236		UCND DISC AMOR	0	6,180	6,180	
9,130	8,249	881-	9.6	OTHR INTR EXP	45,650	41,098	4,552-	10.0
2,100	14,563	12,463		NON OPNS EXP	10,500	44,082	33,582	
853,632-	317,182-	536,450-	62.8	ELEC NET INCM	4,094,548-	3,183,397-	911,151-	22.3
575,080	491,392	83,688-	14.6	XFR TO CITY	2,709,080	2,457,136	251,944-	9.3
278,552-	174,210	452,762-		RETN EARN	1,385,468-	726,261-	659,207-	47.6

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH		PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE		OVER/UNDER	PERCENT
	ACTUAL AMT	OVER/UNDER				ACTUAL AMT	OVER/UNDER		
607,775-	687,730-	19,955	3.0	WATR REV	3,626,184-	3,631,884-	5,700	.2	
113,597	115,141	1,544	1.4	WATR PRCD OPNS	567,985	537,532	30,453-	5.4	
67,060	24,003	42,257-	63.0	WATR PRCD MNTC	335,300	95,942	239,358-	71.4	
130,657	139,944	40,713-	22.5	WATR PROD EXP	903,285	633,474	269,811-	29.9	
19,776	10,301	9,475-	47.9	WATR DIST OPNS	64,151	49,782	14,369-	22.4	
109,638	127,164	42,484-	25.0	WATR DIST MNTC	546,705	537,615	9,090-	1.7	
189,424	137,465	51,959-	27.4	WATR DIST EXP	610,856	507,397	23,459-	3.8	
370,081	277,409	92,672-	25.0	TOYL WATR EXP	1,514,141	1,220,871	293,270-	19.4	
297,694-	410,321-	112,627	37.8	WATR SYST INCM	2,112,043-	2,411,013-	298,970	14.2	
76,511	90,748	20,237	26.4	WATR CUST ACCT	382,555	382,121	434-	.1	
0	0	0		WATR MKTG	0	0	0		
83,055	41,313	38,742-	48.4	WATR GENL ADMN OPNS	388,643	307,344	81,299-	20.9	
23,275	30,319	7,044	30.3	WATR GENL ADMN MNTC	116,338	123,552	7,214	6.2	
117,853-	241,941-	124,088		WATR TOYL INCM	1,224,507-	1,597,996-	373,489	30.5	
21,400	19,599	1,801-	8.4	CITY SUPP XFR	120,300	101,189	19,111-	15.9	
96,453-	222,342-	125,889		WATR INCM EX DEPN	1,104,207-	1,496,807-	392,600	35.6	
71,500	79,936	8,436	11.8	WATR PLNT DEPN	357,500	423,594	66,094	18.5	
0	0	0		WATR PLNT AMOR	0	0	0		
2,275	2,355	80	3.5	WATR COMM DEPN	11,375	11,728	353	3.1	
22,678-	140,051-	117,373		WATR CPNS INCM	735,332-	1,061,485-	326,153	44.4	
44,800-	88,600-	43,800	97.8	INTR INCM	247,850-	307,422-	59,572	24.0	
0	0	0		NON CPNS INCM	0	0	0		
77,474	77,343	131-	.2	BOND INTR EXP	387,370	386,716	654-	.2	
0	137	137		BOND DISC AMOR	0	687	687		
1,870	1,689	181-	9.7	OTHR INTR EXP	9,350	8,418	932-	10.0	
0	0	0		NCN OPNS EXP	0	0	0		
11,860	149,482-	161,348		WATR NET INCM	586,462-	973,086-	386,624	65.9	
78,420	67,008	11,412-	14.6	XFR TO CITY	309,420	335,064	34,356-	9.3	
90,286	82,474-	172,760		RETN EARN	217,042-	638,022-	420,980		

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH		PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE		OVER/UNDER	PERCENT
	ACTUAL AMT	OVER/UNDER				ACTUAL AMT			
				ELEC REV					
3,531,915-	3,689,758-	157,843	4.5	440 RESI	15,387,729-	15,458,107-	70,378	.5	
922,361-	735,393-	186,968-	20.3	442 GSND	4,022,807-	3,740,823-	281,984-	7.0	
2,898,847-	2,612,089-	286,758-	9.9	442 GSD	12,643,110-	12,713,445-	70,335	.6	
634,124-	573,441-	60,683-	9.6	442 GSD PRI	2,765,679-	2,795,762-	30,083	1.1	
24,706-	24,569-	137-	.6	443 PRIV STLT	107,753-	116,395-	8,642	8.0	
115,353-	104,044-	11,309-	9.8	444 PUBL STLY	503,150-	489,956-	13,194-	2.6	
25,704-	26,105-	401	1.6	451 SVC FEES	128,519-	143,758-	15,239	11.9	
0	0	0		456 CTHR	0	0	0		
8,153,010-	7,765,399-	387,611-	4.8	CUSTOMER SALES	35,558,747-	35,458,246-	100,501-	.3	
82,354-	67,454-	14,900-	18.1	448 OVC USE	359,181-	345,735-	13,446-	3.7	
8,235,364-	7,832,853-	402,511-	4.9	RETAIL SALES	35,517,928-	35,803,981-	113,947-	.3	
4,847,218-	2,885,140-	2,162,078-	44.6	447 RESALE	18,944,480-	6,850,503-	12,093,977-	63.8	
13,382,582-	10,517,993-	2,564,589-	19.6	TOTAL SALES	54,862,408-	42,654,484-	12,207,924-	22.3	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH		PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE		OVER/UNDER	PERCENT
	ACTUAL AMT	OVER/UNDER				ACTUAL AMT	OVER/UNDER		
				WATER REV					
419,658-	419,157-	501-	.1	461 RESI	2,237,502-	2,194,509-	42,993-	1.9	
136,737-	154,639-	17,902	13.1	461 COMM	729,047-	796,828-	67,781	9.3	
50,703-	50,823-	5,880-	10.4	461 IND	302,328-	253,500-	48,828-	16.2	
22,598-	31,465-	8,867	39.2	465 IRR1	120,488-	151,756-	31,268	26.0	
21,500-	23,039-	1,539	7.2	462 FIRE PROT	183,500-	185,406-	1,906	1.0	
9,300-	7,612-	1,688-	18.2	471 SVC FEES	46,500-	44,179-	2,321-	5.0	
0	0	0		474 OTHR	0	0	0		
666,496-	686,735-	20,239	3.0	CUSTOMER SALES	3,619,365-	3,626,178-	6,813	.2	
1,279-	995-	284-	22.2	467 OUC USE	6,819-	5,706-	1,113-	16.3	
607,775-	687,730-	19,955	3.0	TOTAL SALES	3,626,184-	3,631,884-	5,700	.2	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH		PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE		PERCENT				
	ACTUAL AMT	OVER/UNDER				ACTUAL AMT	OVER/UNDER					
REVENUE ELECTRIC												
1,328,092-	1,458,777-	130,685	9.8	00	RESI	IN	HOME	5,783,094-	5,972,358-	189,264	3.3	
699,830-	737,616-	37,786	5.4	02	RESI	IN	MULT RESI	3,052,256-	3,051,688-	568-		
6,722-	7,501-	779	11.6	22	RESI	IN	SPEC A	29,314-	29,331-	17	.1	
41-	451-	410		38	RESI	IN	SPEC B	179-	1,195-	1,016		
2,034,835-	2,204,345-	169,660	8.3		RESI	IN		8,864,843-	9,054,572-	189,729	2.1	
1,122,550-	1,122,649-	99		01	RESI	OUT	HOME	4,868,752-	4,873,539-	15,213-	.3	
363,828-	357,255-	11,573-	3.1	03	RESI	OUT	MULT RESI	1,668,615-	1,505,549-	103,066-	6.4	
5,845-	5,435-	411-	7.0	23	RESI	OUT	SPEC A	25,494-	24,276-	1,218-	4.8	
0-	74-	68		39	RESI	OUT	SPEC B	25-	171-	146		
1,497,230-	1,435,413-	11,817-	.8		RESI	OUT		6,522,886-	6,403,535-	119,351-	1.8	
3,531,915-	3,689,758-	157,843	4.5		RESI			15,387,729-	15,458,107-	70,378	.5	
617,982-	489,480-	128,502-	20.8	06	GSND	IN		2,695,281-	2,502,572-	192,709-	7.1	
C	0	0			GSND	IN	AC	0	0	C		
0	0	0			GSND	IN	POWR	0	0	0		
617,982-	489,480-	128,502-	20.8		GSND	IN		2,695,281-	2,502,572-	192,709-	7.1	
304,379-	245,913-	58,466-	19.2	07	GSND	OUT		1,327,526-	1,238,251-	89,275-	6.7	
C	0	0			GSND	OUT	AC	0	0	C		
C	0	0			GSND	OUT	POWR	0	0	0		
C	0	0			GSND	OUT	FLAT	0	0	C		
304,379-	245,913-	58,466-	19.2		GSND	OUT		1,327,526-	1,238,251-	89,275-	6.7	
922,361-	735,393-	186,968-	20.3		GSND			4,022,807-	3,740,823-	281,984-	7.0	
329,008-	222,645-	106,963-	32.5	08	GSD	IN	DEM	1,437,560-	1,150,435-	267,125-	20.0	
1,853,224-	1,652,325-	200,899-	10.8	10	GSD	IN	ENER	8,082,703-	8,186,321-	103,618	1.3	
2,182,832-	1,874,970-	307,862-	14.1		GSD	IN		9,520,263-	9,336,756-	183,507-	1.9	
135,970-	73,070-	32,294-	30.5	09	GSD	OUT	DEM	462,181-	402,199-	59,982-	13.0	
610,645-	663,443-	53,398	8.8	11	GSD	OUT	ENER	2,660,666-	2,974,490-	313,824	11.8	
716,015-	737,119-	21,104	2.9		GSD	OUT		3,122,847-	3,376,689-	253,842	8.1	
2,398,047-	2,612,089-	286,758-	9.9		GSD			12,643,110-	12,713,445-	70,335	.6	
37,941-	39,581-	1,640	4.3	14	GSD	PRI	IN	DEM	165,476-	155,047-	10,429-	6.3
313,364-	254,330-	59,034-	18.8	16	GSD	PRI	IN	ENER	1,366,711-	1,342,310-	24,401-	1.8
351,305-	293,911-	57,394-	16.3		GSD	PRI	IN		1,532,187-	1,497,357-	34,830-	2.3
29,413-	21,145-	8,268-	28.1	15	GSD	PRI	OUT	DEM	128,282-	104,218-	24,064-	18.8
253,406-	258,385-	4,979	2.0	17	GSD	PRI	OUT	ENER	1,105,210-	1,194,187-	88,977	8.1
232,819-	279,530-	3,289-	1.2		GSD	PRI	OUT		1,233,492-	1,298,405-	64,913	5.3
634,124-	573,441-	60,683-	9.6		GSD	PRI		2,765,679-	2,795,762-	30,083	1.1	
171-	198-	27	15.8	20	PRIV	STLT	IN	RESI	748-	925-	177	23.7
2,028-	2,229-	201	9.9	24	PRIV	STLT	IN	COMM	8,842-	10,177-	1,335	15.1
0	0	0		36	PRIV	STLT	IN	SECU LITE	0	0	0	
2,199-	2,427-	228	10.4		PRIV	STLT	IN		9,590-	11,102-	1,512	15.8
15,732-	15,154-	578-	3.7	21	PRIV	STLT	OUT	RESI	68,614-	72,273-	3,659	5.3
6,775-	6,988-	213	3.1	25	PRIV	STLT	OUT	COMM	29,549-	33,020-	3,471	11.7
22,507-	22,142-	365-	1.6		PRIV	STLT	OUT		98,163-	105,293-	7,130	7.3
24,000-	24,569-	137-	.6		PRIV	STLT			107,753-	116,395-	8,642	8.0

ORLANDO UTILITIES COMMISSION
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BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
115-0	23-0	92-0	80.0	30 PUBL STLT IN OVHD	502-0	117-0	385-0	76.7
4,496-	3,585-	911-	20.3	32 PUBL STLT IN WWAY	0	0	0	
101,343-	86,515-	14,828-	14.6	33 PUBL STLT IN FLOR	19,611-	17,014-	2,597-	13.2
1,960-	6,025-	4,065-		34 PUBL STLT IN MERC	442,006-	412,045-	29,961-	6.8
7,379-	7,878-	499-	6.8	31 PUBL STLT IN SODM VAPR	8,549-	24,714-	16,165	
41-	0	41-		35 PUBL STLT IN TRAF	32,182-	35,884-	3,702	11.5
115,334-	104,026-	11,308-	9.8	29 PUBL STLT IN SIRE	205-	92-	113-	55.1
19-	18-	1-	5.3	05 PUBL STLT IN TRAF	503,055-	489,866-	13,189-	2.6
19-	13-	1-	5.3	PUBL STLT OUT	95-	90-	5-	5.3
115,353-	104,044-	11,309-	9.8	PUBL STLT	503,150-	489,956-	13,194-	2.6
59-	10-	49-	83.1	40 SVC FEES IN TEMP CONN	295-	50-	245-	83.1
0,537-	5,480-	1,057-	16.2	42 SVC FEES IN CUT ON	32,685-	30,840-	1,845-	5.6
7,901-	8,972-	1,071-	13.6	46 SVC FEES IN RECO CHG	39,505-	49,981-	10,476	26.5
14,497-	14,462-	35-	.2	SVC FEES IN	72,485-	80,871-	8,386	11.6
45-	18-	27-	60.0	41 SVC FEES OUT TEMP CONN	225-	63-	162-	72.0
4,976-	4,595-	381-	7.7	43 SVC FEES OUT CUT ON	24,880-	23,770-	1,110-	4.5
6,186-	7,030-	844-	13.6	47 SVC FEES OUT RECO CHG	30,929-	39,054-	8,125	26.3
11,207-	11,043-	436-	3.9	SVC FEES OUT	56,034-	62,887-	6,853	12.2
25,704-	26,105-	401	1.6	SVC FEES	128,519-	143,750-	15,239	11.9
0	0	0		49 OTHR IN OTHR	0	0	0	
0	0	0		49 OTHR IN OTHR	0	0	0	
0	0	0		49 OTHR OUT OTHR	0	0	0	
0	0	0		49 OTHR OUT OTHR	0	0	0	
0	0	0		OTHR	0	0	0	
83-	65-	18-	21.7	04 OUC USE IN RESI	360-	266-	94-	26.1
14,247-	9,791-	4,456-	31.3	27 OUC USE IN GSND	62,139-	44,588-	17,551-	28.2
10,953-	4,637-	6,316-	57.7	26 OUC USE IN GSD DEM	47,772-	40,047-	7,725-	16.2
57,071-	52,961-	4,110-	7.2	28 OUC USE IN GSD ENER	248,910-	260,834-	11,924	4.8
0	0	0		48 OUC USE IN XWAY LITE	0	0	0	
32,354-	67,454-	14,900-	18.1	OUC USE IN	359,181-	345,735-	13,446-	3.7
82,354-	67,454-	14,900-	18.1	OUC USE	359,181-	345,735-	13,446-	3.7
34,800-	71,816-	16,956	30.9	18 FOR SALE OUT DEM	217,705-	183,641-	34,064-	15.6
0	0	0		018 INTR CHG CLAS B DEM	0	0	0	
0	0	0		018 INTR CHG CLAS D DEM	0	0	0	
4,792,358-	2,613,324-	2,179,034-	45.5	19 FOR SALE OUT ENER	18,726,775-	6,666,862-	12,059,913-	64.4
0	0	0		019 INTR CHG CLAS A ENER	0	0	0	
0	0	0		019 INTR CHG CLAS B ENER	0	0	0	
0	0	0		019 INTR CHG CLAS C ENER	0	0	0	
0	0	0		019 INTR CHG CLAS D ENER	0	0	0	
4,347,218-	2,685,140-	2,162,078-	44.6	INTR CHG CLAS	18,944,480-	6,850,503-	12,093,977-	63.8
4,347,218-	2,685,140-	2,162,078-	44.6	INTR CHG	18,944,480-	6,850,503-	12,093,977-	63.8
13,032,582-	10,517,993-	2,564,589-	19.6	TOTAL	54,862,408-	42,654,484-	12,207,924-	22.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
REVENUE WATER								
144,598-	142,558-	2,040-	1.4	050 RESI IN HOME	770,959-	752,758-	18,201-	2.4
13,177-	13,993-	816	6.2	150 RESI IN MULT RESI	70,257-	73,440-	3,183	4.5
38,548-	41,063-	2,515	6.5	250 RESI IN APMT	205,527-	214,801-	9,274	4.5
631-	610-	21-	3.3	076 RESI IN SPEC A	3,362-	3,171-	191-	5.7
19-	30-	11	57.9	078 RESI IN SPEC.B	104-	150-	46	44.2
196,973-	198,254-	1,281	.7	RESI IN	1,050,209-	1,044,320-	5,889-	.6
135,232-	179,994-	6,238-	3.4	051 RESI OUT HOME	987,603-	944,468-	43,135-	4.4
6,538-	6,699-	191	2.9	151 RESI OUT MULT RESI	34,703-	35,640-	937	2.7
30,232-	34,540-	4,308	14.2	251 RESI OUT APMT	161,188-	166,518-	5,330	3.3
708-	665-	43-	6.1	077 RESI OUT SPEC A	3,775-	3,537-	238-	6.3
5-	5-	0		079 RESI OUT SPEC B	24-	26-	2	8.3
222,635-	220,903-	1,732-	.8	RESI OUT	1,187,293-	1,150,189-	37,104-	3.1
419,658-	419,157-	501-	.1	RESI	2,237,502-	2,194,509-	42,993-	1.9
41,333-	45,262-	3,923	9.5	550 COMM IN BUSI	220,408-	235,182-	14,774	6.7
22,511-	24,293-	1,782	7.9	350 COMM IN HOTL	120,024-	118,110-	1,914-	1.6
19,009-	19,884-	1,875	10.4	450 COMM IN OFFC	96,019-	105,541-	9,522	9.9
81,859-	89,439-	7,580	9.3	COMM IN	436,451-	458,833-	22,382	5.1
29,799-	35,725-	5,926	19.9	551 COMM OUT BUSI	158,880-	186,586-	27,706	17.4
14,158-	19,040-	4,882	34.5	351 COMM OUT HOTL	75,489-	58,192-	22,703	30.1
10,921-	10,435-	486-	4.5	451 COMM OUT OFFC	58,227-	53,217-	5,010-	8.6
54,878-	65,200-	10,322	18.8	COMM OUT	292,596-	337,995-	45,399	15.5
136,737-	154,633-	17,902	13.1	COMM	729,047-	756,828-	67,781	9.3
30,057-	33,641-	3,584	11.9	650 IND IN IND	160,259-	171,386-	11,127	6.9
30,057-	33,641-	3,584	11.9	IND IN	160,259-	171,386-	11,127	6.9
26,646-	17,182-	9,464-	35.5	651 IND OUT IND	142,069-	82,114-	59,955-	42.2
26,646-	17,182-	9,464-	35.5	IND OUT	142,069-	82,114-	59,955-	42.2
56,733-	50,823-	5,880-	10.4	IND	302,328-	253,500-	48,828-	16.2
9,593-	11,877-	2,284	23.8	052 IRR1 IN IRR1	51,146-	60,574-	9,428	18.4
9,593-	11,877-	2,284	23.8	IRR1 IN	51,146-	60,574-	9,428	18.4
13,005-	19,588-	6,583	50.6	053 IRR1 OUT IRR1	69,342-	91,182-	21,840	31.5
13,005-	19,588-	6,583	50.6	IRR1 OUT	69,342-	91,182-	21,840	31.5
22,598-	31,465-	8,867	39.2	IRR1	120,488-	151,756-	31,268	26.0
5,630-	7,451-	1,851	33.1	054 FIRE PROT IN PRIV	28,000-	29,019-	1,019	3.6
8,800-	8,940-	140	1.6	056 FIRE PROT IN PUBL	44,000-	44,453-	453	1.0
14,400-	16,391-	1,991	13.8	FIRE PROT IN	72,000-	73,472-	1,472	2.0
7,100-	6,648-	452-	6.4	055 FIRE PROT OUT PRIV	35,500-	32,200-	3,300-	9.3
0	0	0		057 FIRE PROT OUT PUBL	76,000-	79,734-	3,734	4.9
7,100-	6,648-	452-	6.4	FIRE PROT OUT	111,500-	111,934-	434	.4
21,533-	23,033-	1,539	7.2	FIRE PROT	183,500-	185,406-	1,906	1.0
5,200-	4,135-	1,065-	20.5	044 SVC FEES IN TEMP CONN	26,000-	24,065-	1,935-	7.4
5-	4,135-	1,065-	20.5	SVC FEES IN	26,000-	24,065-	1,935-	7.4

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH			PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE		
	ACTUAL AMT	OVER/UNDER					ACTUAL AMT	OVER/UNDER	PERCENT
4,100-	3,477-	623-	15.2	045	SVC FEES OUT TEMP CONN	20,500-	20,114-	386-	1.9
4,100-	3,477-	623-	15.2		SVC FEES OUT	20,500-	20,114-	386-	1.9
9,300-	7,612-	1,688-	18.2		SVC FEES	46,500-	44,179-	2,321-	5.0
0	0	0		059	OTHR IN OTHR	0	0	0	
0	0	0			OTHR IN	0	0	0	
0	0	0		059	OTHR OUT OTHR	0	0	0	
0	0	0			OTHR OUT	0	0	0	
0	0	0			OTHR	0	0	0	
1,279-	995-	284-	22.2	058	CUC USE IN METR	6,819-	5,706-	1,113-	16.3
0	0	0		072	CUC USE IN LAKE HIGH	0	0	0	
0	0	0		073	CUC USE IN OTHR WELL	0	0	0	
0	0	0		074	CUC USE IN FLSH MAIN	0	0	0	
0	0	0		075	CUC USE IN OVHD TANK	0	0	0	
1,279-	995-	284-	22.2		CUC USE IN	6,819-	5,706-	1,113-	16.3
1,279-	995-	284-	22.2		CUC USE	6,819-	5,706-	1,113-	16.3
667,775-	687,730-	19,955	3.0		TOTAL	3,626,104-	3,631,884-	5,780	.2

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 CONSUMPTION BUDGET FOR PERIOD ENDING FEB 1980

BUDGET CON	CURRENT MONTH			DESCRIPTION	YEAR TO DATE						
	ACTUAL CON	OVER/UNDER	PERCENT		BUDGET CON	ACTUAL CON	OVER/UNDER	PERCENT			
CONSUMPTION ELECTRIC											
29,134,000	32,050,350	2,916,350	10.0 00	RESI	IN	HOME	145,356,000	140,110,988	5,245,012-	3.6	
14,611,000	15,735,759	1,124,759	7.7 02	RESI	IN	MULT RESI	72,897,000	69,337,914	3,559,086-	4.9	
487,000	537,305	50,305	10.3 22	RESI	IN	SPEC A	2,431,000	2,208,302	222,698-	9.2	
44,000	43,757	243-	.6 38	RESI	IN	SPEC B	220,000	186,497	33,503-	15.2	
44,276,000	48,367,170	4,091,170	9.2	RESI	IN		220,004,000	211,843,701	9,060,299-	4.1	
23,100,000	23,433,351	333,351	1.4 01	RESI	OUT	HOME	115,255,000	108,829,231	6,425,769-	5.6	
7,261,000	7,263,938	2,938	.03	RESI	OUT	MULT RESI	36,227,000	32,540,149	3,686,851-	10.2	
400,000	385,573	14,427-	3.6 23	RESI	OUT	SPEC A	1,997,000	1,795,308	201,692-	10.1	
6,000	7,592	1,592	26.5 39	RESI	OUT	SPEC B	29,000	26,132	2,868-	9.9	
30,767,000	31,090,454	323,454	1.1	RESI	OUT		153,508,000	143,190,820	10,317,180-	6.7	
75,043,000	79,457,624	4,414,624	5.9	RESI			374,412,000	355,034,521	19,377,479-	5.2	
10,398,000	8,704,426	1,693,574-	16.3 06	GSND	IN		51,881,000	47,973,249	3,907,751-	7.5	
0	0	0		GSND	IN	AC	0	0	0		
0	0	0		GSND	IN	POWR	0	0	0		
10,398,000	8,704,426	1,693,574-	16.3	GSND	IN		51,881,000	47,973,249	3,907,751-	7.5	
4,716,000	4,118,052	597,948-	12.7 07	GSND	OUT		23,528,000	22,283,926	1,244,074-	5.3	
0	0	0		GSND	OUT	AC	0	0	0		
0	0	0		GSND	CUT	POWR	0	0	0		
0	0	0		GSND	CUT	FLAY	0	0	0		
4,716,000	4,118,052	597,948-	12.7	GSND	CUT		23,528,000	22,283,926	1,244,074-	5.3	
15,114,000	12,822,478	2,291,522-	15.2	GSND			75,409,000	70,257,175	5,151,825-	6.8	
0	0	0	08	GSD	IN	DEM	0	0	0		
50,545,000	45,618,254	4,926,746-	9.7 10	GSD	IN	ENER	252,184,000	237,737,805	14,446,195-	5.7	
50,545,000	45,618,254	4,926,746-	9.7	GSD	IN		252,184,000	237,737,805	14,446,195-	5.7	
0	0	0	09	GSD	OUT	DEM	0	0	0		
15,184,000	16,268,964	1,084,964	7.1 11	GSD	OUT	ENER	75,755,000	79,011,314	3,256,314	4.3	
15,184,000	16,268,964	1,084,964	7.1	GSD	OUT		75,755,000	79,011,314	3,256,314	4.3	
65,729,000	61,887,218	3,841,782-	5.8	GSD			327,939,000	316,749,119	11,189,881-	3.4	
0	0	0	14	GSD	PRI	IN	DEM	0	0	0	
8,972,000	7,162,599	1,809,401-	20.2 16	GSD	PRI	IN	ENER	44,764,000	41,935,423	2,828,577-	6.3
8,972,000	7,162,599	1,809,401-	20.2	GSD	PRI	IN		44,764,000	41,935,423	2,828,577-	6.3
0	0	0	15	GSD	PRI	CUT	DEM	0	0	0	
7,021,000	7,006,620	14,380-	.2 17	GSD	PRI	CUT	ENER	35,030,000	35,528,637	498,637	1.4
7,021,000	7,006,620	14,380-	.2	GSD	PRI	CUT		35,030,000	35,528,637	498,637	1.4
15,993,000	14,169,219	1,823,781-	11.4	GSD	PRI		79,794,000	77,464,060	2,329,940-	2.9	
3,000	2,798	202-	6.7 20	PRIV	STLT	IN	RESI	13,000	13,990	990	7.6
33,000	33,416	416	1.3 24	PRIV	STLT	IN	COMM	167,000	162,402	4,598-	2.8
0	0	0	36	PRIV	STLT	IN	SECU LITE	0	0	0	
36,000	36,214	214	.6	PRIV	STLT	IN		180,000	176,392	3,608-	2.0
215,000	196,581	18,419-	8.6 21	PRIV	STLT	OUT	RESI	1,077,000	983,667	93,333-	8.7
100,000	95,926	4,074-	4.1 25	PRIV	STLT	OUT	COMM	496,000	473,715	22,285-	4.5
315,000	292,507	22,493-	7.1	PRIV	STLT	OUT		1,573,000	1,457,382	115,618-	7.4
0	328,721	22,279-	6.3	PRIV	STLT			1,753,000	1,633,774	119,226-	6.8

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 CONSUMPTION BUDGET FOR PERIOD ENDING FEB 1980

BUDGET CON	CURRENT MONTH			DESCRIPTION	BUDGET CON	YEAR TO DATE		
	ACTUAL CON	OVER/UNDER	PERCENT			ACTUAL CON	OVER/UNDER	PERCENT
2,000	500	1,500-	75.0 30	PUBL STLT IN DVHD	8,000	2,700	5,300-	66.3
0	0	0	32	PUBL STLT IN WWAY	0	0	0	
75,000	65,166	9,834-	13.1 33	PUBL STLT IN FLOR	378,000	329,834	48,166-	12.7
1,280,000	1,252,639	33,361-	2.6 34	PUBL STLT IN MERC	6,417,000	6,277,979	139,021-	2.2
21,000	71,814	50,814	31	PUBL STLT IN SODM VAPR	104,000	307,266	203,266	
197,000	204,302	7,302	3.7 35	PUBL STLT IN TRAF	984,000	1,021,510	37,510	3.8
0	0	0	29	PUBL STLT IN SIRE	0	0	0	
1,581,000	1,594,421	13,421	.8	PUBL STLT IN	7,891,000	7,939,289	48,289	.6
0	0	0	05	PUBL STLT OUT TRAF	0	0	0	
0	0	0		PUBL STLT OUT	0	0	0	
1,581,000	1,594,421	13,421	.8	PUBL STLT	7,891,000	7,939,289	48,289	.6
0	0	0	40	SVC FEES IN TEMP CONN	0	0	0	
0	0	0	42	SVC FEES IN CUT ON	0	0	0	
0	0	0	46	SVC FEES IN RECO CHG	0	0	0	
0	0	0		SVC FEES IN	0	0	0	
0	0	0	41	SVC FEES OUT TEMP CONN	0	0	0	
0	0	0	43	SVC FEES OUT CUT ON	0	0	0	
0	0	0	47	SVC FEES OUT RECO CHG	0	0	0	
0	0	0		SVC FEES OUT	0	0	0	
0	0	0		SVC FEES	0	0	0	
0	0	0	49	OTHR IN OTHR	0	0	0	
0	0	0		OTHR IN	0	0	0	
0	0	0	49	OTHR CUT OTHR	0	0	0	
0	0	0		OTHR CUT	0	0	0	
0	0	0		OTHR	0	0	0	
2,000	1,367	633-	31.7 04	CUC USE IN RESI	10,000	5,954	4,046-	40.5
280,000	191,922	88,078-	31.5 27	CUC USE IN GSND	1,398,000	933,904	464,096-	33.2
0	0	0	26	CUC USE IN GSD DEM	0	0	0	
1,651,000	1,384,480	266,520-	16.1 28	CUC USE IN GSD ENER	8,236,000	7,583,140	652,860-	7.9
0	0	0	48	CUC USE IN XWAY LITE	0	0	0	
1,933,000	1,577,769	355,231-	18.4	CUC USE IN	9,644,000	8,522,998	1,121,002-	11.6
1,933,000	1,577,769	355,231-	18.4	CUC USE	9,644,000	8,522,998	1,121,002-	11.6
0	0	0	18	FOR SALE OUT DEM	0	0	0	
0	0	0	018	INTR CHG CLAS B DEM	0	0	0	
0	0	0	018	INTR CHG CLAS D DEM	0	0	0	
117,200,000	60,353,000	56,847,000-	48.5 19	FOR SALE CUT ENER	468,536,000	171,686,000	296,850,000-	63.4
0	0	0	019	INTR CHG CLAS A ENER	0	0	0	
0	0	0	019	INTR CHG CLAS B ENER	0	0	0	
0	0	0	019	INTR CHG CLAS C ENER	0	0	0	
0	0	0	019	INTR CHG CLAS D ENER	0	0	0	
117,200,000	60,353,000	56,847,000-	48.5	INTR CHG CLAS	468,536,000	171,686,000	296,850,000-	63.4
117,200,000	60,353,000	56,847,000-	48.5	INTR CHG	468,536,000	171,686,000	296,850,000-	63.4
292,944,000	232,190,450	60,753,550-	20.7 TOTAL		1,345,378,000	1,009,286,936	336,091,064-	25.0

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 CONSUMPTION BUDGET FOR PERIOD ENDING FEB 1980

BUDGET CON	CURRENT MONTH ACTUAL CON	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET CON	YEAR TO DATE ACTUAL CON	OVER/UNDER	PERCENT
CONSUMPTION WATER								
184.834	230.100	45.266	24.5 050	RESI IN HOME	997.143	1,241.814	244.671	24.5
17.878	24.881	7.003	39.2 150	RESI IN MULT RESI	96.449	132.047	35.598	36.9
69.588	98.684	29.096	41.8 250	RESI IN APMT	375.413	518.527	143.114	38.1
2.475	2.990	515	20.8 076	RESI IN SPEC A	13.354	16.388	3.034	22.7
275	544	269	97.8 078	RESI IN SPEC B	1,483	2,688	1,205	81.3
275.050	357.199	82.149	29.9	RESI IN	1,483,842	1,911,464	427,622	28.8
226.083	203.550	22.533-	10.0 051	RESI OUT HOME	1,219,673	1,101,934	117,739-	9.7
3.745	8.861	116	1.3 151	RESI OUT MULT RESI	47.177	47.800	623	1.3
55.044	63.018	7.974	14.5 251	RESI OUT APMT	296.950	301.855	4,905	1.7
2.574	1.942	632-	24.6 077	RESI OUT SPEC A	13,885	11,155	2,730-	19.7
29	31	2	6.9 079	RESI OUT SPEC B	158	142	16-	10.1
292.475	277.402	15.073-	5.2	RESI OUT	1,577.843	1,462,886	114,957-	7.3
567.525	634.601	67.076	11.8	RESI	3,061,685	3,374,350	312,665	10.2
108.682	95.729	12,953-	11.9 550	COMM IN BUSI	586,317	501,538	84,779-	14.5
71.315	62,491	8,824-	12.4 350	COMM IN HOTEL	384,733	303,185	81,548-	21.2
47.847	42,491	5,356-	11.2 450	COMM IN OFFC	258,126	228,470	29,656-	11.5
227.844	200,711	27,133-	11.9	COMM IN	1,229,176	1,033,193	195,983-	15.9
44.348	52,650	8,302	18.7 551	COMM OUT BUSI	239,250	278,255	39,005	16.3
26.894	36,257	9,363	34.8 351	COMM OUT HOTEL	145,088	186,997	41,909	28.9
17.811	16,634	1,177-	6.6 451	COMM OUT OFFC	96,086	84,691	11,395-	11.9
89.653	105,541	16,488	18.5	COMM OUT	480,424	549,943	69,519	14.5
316.897	306,252	10,645-	3.4	COMM	1,709,600	1,583,136	126,464-	7.4
96.928	87,678	9,250-	9.5 650	IND IN IND	522,909	446,740	76,169-	14.6
96.928	87,678	9,250-	9.5	IND IN	522,909	446,740	76,169-	14.6
51.081	32,948	18,133-	35.5 651	IND OUT IND	275,574	155,925	119,649-	43.4
51.081	32,948	18,133-	35.5	IND OUT	275,574	155,925	119,649-	43.4
143.069	120,626	22,443-	18.5	IND	798,483	602,665	195,818-	24.5
25.806	25,730	76-	.3 052	IRRI IN IRRI	139,217	131,415	7,802-	5.6
25.806	25,730	76-	.3	IRRI IN	139,217	131,415	7,802-	5.6
19.438	28,748	9,310	47.9 053	IRRI OUT IRRI	104,864	133,633	28,769	27.4
19.438	28,748	9,310	47.9	IRRI OUT	104,864	133,633	28,769	27.4
45.244	54,478	9,234	20.4	IRRI	244,081	265,048	20,967	8.6
0	0	0	054	FIRE PROT IN PRIV	0	0	0	
0	0	0	056	FIRE PROT IN PUBL	0	0	0	
0	0	0		FIRE PROT IN	0	0	0	
0	0	0	055	FIRE PROT OUT PRIV	0	0	0	
0	0	0	057	FIRE PROT OUT PUBL	0	0	0	
0	0	0		FIRE PROT OUT	0	0	0	
0	0	0		FIRE PROT	0	0	0	
0	0	0	044	SVC FEES IN TEMP CONN	0	0	0	
0	0	0		SVC FEES	0	0	0	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 CONSUMPTION BUDGET FOR PERIOD ENDING FEB 1980

BUDGET CON	CURRENT MONTH			PERCENT	DESCRIPTION	BUDGET CON	YEAR TO DATE		
	ACTUAL CON	OVER/UNDER					ACTUAL CON	OVER/UNDER	PERCENT
0	0	0	0	045	SVC FEES OUT TEMP CONN	0	0	0	0
0	0	0	0		SVC FEES CUT	0	0	0	0
0	0	0	0		SVC FEES	0	0	0	0
0	0	0	0	059	OTHR IN OTHR	0	0	0	0
0	0	0	0		OTHR IN	0	0	0	0
0	0	0	0	059	OTHR OUT OTHR	0	0	0	0
0	0	0	0		OTHR OUT	0	0	0	0
0	0	0	0		CTHR	0	0	0	0
3,776	2,137	1,669-	44.2	058	OUC USE IN MEYR	20,373	12,417	7,956-	39.1
0	13	13		072	OUC USE IN LAKE HIGH	0	128	128	
0	2,850	2,850		073	CUC USE IN OTHR WELL	0	17,779	17,779	
0	5,299	5,299		074	OUC USE IN FLSH MAIN	0	34,939	34,939	
0	401	401		075	OUC USE IN OVHD TANK	0	1,918	1,918	
3,776	10,670	6,894			OUC USE IN	20,373	67,181	46,808	
3,776	10,670	6,894			CUC USE	20,373	67,181	46,808	
1,081,451	1,126,627	45,176	4.2	TOTAL		5,834,222	5,892,380	58,158	1.0

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				ELEC GENR				
74,837	84,909	10,102	13.5	500 SUPV AND ENGR	349,673	333,894	15,779-	4.5
151,631	176,301	25,170	16.6	505 OPNS EXP	758,155	818,685	60,530	8.0
16,857	53,659	36,842		506 MISC EXP	95,285	401,579	306,294	
1,437	2,829	1,392	96.9	525 RENT	7,185	7,096	89-	1.2
244,732	318,238	73,506	30.0	TOTL OPNS	1,210,298	1,561,254	350,956	29.0
9,528,083	7,591,951	1,936,132-	20.3	501 FOSS FUEL	37,728,750	26,288,571	11,440,179-	30.3
22,000	17,388	4,612-	21.0	518 NUKE FUEL	112,000	106,832	5,168-	4.6
9,550,083	7,609,339	1,940,744-	20.3	TOTL FUEL	37,840,750	26,395,403	11,445,347-	30.2
27,332	31,283	3,951	14.5	511 MNTC STRUCT	136,660	127,032	9,628-	7.0
80,133	46,816	33,517-	41.8	512 MNTC BLRS	400,665	313,746	86,919-	21.7
81,533	51,511	30,022-	36.8	513 MNTC TURB	407,665	351,142	16,523-	4.1
51,870	73,716	21,846	42.1	514 MNTC MISC PLNT	259,350	259,122	228-	.1
12,010	14,989	2,979	24.8	526 MNTC NUKE PLNT	60,050	55,557	4,493-	7.5
600	363	297-	49.5	553 MNTC GAS TURB	23,000	26,129	3,129	13.6
253,478	218,418	35,060-	13.8	TOTL MNTC	1,287,390	1,172,728	114,662-	8.9
10,048,293	8,145,995	1,902,298-	18.9	TOTL ELEC GENR	40,338,438	29,129,385	11,209,053-	27.8
7,000	20,392	13,392		555 PRCH POWR	35,000	660,671	625,671	
100	115	15	15.0	556 LOAD CONT	500	557	57	11.4
9,836	9,898	62	.6	565 XMSN SVCS	49,180	62,179	12,999	26.4
10,065,229	8,176,400	1,888,829-	18.8	TOTL POWR SUPP EXP	40,423,118	29,852,792	10,570,326-	26.1

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH		PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE		PERCENT
	ACTUAL AMT	OVER/UNDER				ACTUAL AMT	OVER/UNDER	
				ELEC GENR & ENVR DIR				
25,536	13,133	12,403-	48.6	500 SUPV AND ENGR	103,318	52,411	50,907-	49.3
1,649	2,805	1,156	70.1	506 MISC EXP	19,245	28,760	9,515	49.4
27,185	15,938	11,247-	41.4	TOTL OPNS	122,563	81,171	41,392-	33.8
27,185	15,938	11,247-	41.4	TOTL ELEC GENR	122,563	81,171	41,392-	33.8

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	MONTH OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				LAKE HIGHLAND PLANT				
12.192	16.296	4.104	33.7	500 SUPV AND ENGR	60.960	61.703	743	1.2
58.530	69.313	10.783	18.4	505 OPNS EXP	292.650	296.683	4.033	1.4
2.560	3.959	1.399	54.6	506 MISC EXP	12.800	15.458	2.658	20.8
73.282	89.568	16.286	22.2	TOTL CPNS	366.410	373.844	7.434	2.0
163.000	241.509	78.509	48.2	501 FOSS FUEL	671.000	1,064.904	393.904	58.7
163.000	241.509	78.509	48.2	TOTL FUEL	671.000	1,064.904	393.904	58.7
9.000	10.091	1.091	12.1	511 MNTC STRUCT	45.000	37.748	7.252-	16.1
9.300	10.159	859	9.2	512 MNTC BLRS	46,500	39,339	7,161-	15.4
3.200	5.277	2.077	64.9	513 MNTC TURB	16,000	16,935	935	5.8
12.432	12,423	9-	.1	514 MNTC MISC PLNT	62,160	55,633	6,527-	10.5
600	303	297-	49.5	553 MNTC GAS TURB	23,000	26,129	3,129	13.6
34,532	38,253	3,721	10.8	TOTL MNTC	192,660	175,784	16,876-	8.8
273,814	369,330	98,516	36.4	TOTL ELEC GENR	1,230,070	1,614,532	384,462	31.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
INDIAN RIVER PLANT								
34,379	51,814	17,435	50.7	500 SUPV AND ENGR	171,895	191,288	19,393	11.3
83,726	102,374	13,648	15.4	505 OPNS EXP	443,630	500,687	57,057	12.9
6,143	40,387	34,239		506 MISC EXP	30,740	328,842	298,102	
129,253	194,575	65,322	50.5	TOTL OPNS	646,265	1,020,817	374,552	58.0
9,365,083	7,350,442	2,014,641-	21.5	501 FOSS FUEL	37,057,750	25,223,667	11,834,083-	31.9
9,365,033	7,350,442	2,014,641-	21.5	TOTL FUEL	37,057,750	25,223,667	11,834,083-	31.9
18,332	21,192	2,860	15.6	511 MNTC STRUCT	91,660	89,284	2,376-	2.6
70,833	30,457	34,376-	48.5	512 MNTC BLRS	354,165	274,407	79,758-	22.5
78,333	40,234	32,099-	41.0	513 MNTC TURB	391,665	374,207	17,458-	4.5
39,438	61,293	21,855	55.4	514 MNTC MISC PLNT	197,190	203,489	6,299	3.2
206,936	165,176	41,760-	20.2	TOTL MNTC	1,034,680	941,387	93,293-	9.0
9,701,272	7,710,193	1,991,079-	20.5	TOTL ELEC GENR	38,738,695	27,185,871	11,552,824-	29.8

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				CRYSTAL RIVER PLANT				
2.700	3.666	966	35.8	500 SUPV AND ENGR	13.500	28.492	14.992	
4.375	5.114	739	16.9	505 OPNS EXP	21.875	21.315	560-	2.6
6.500	6.548	48	.7	506 MISC EXP	32.500	28.519	3.981-	12.2
1.437	2.829	1.392	96.9	525 RENT	7.185	7.096	89-	1.2
15.012	18.157	3.145	20.9	TOTL OPNS	75.060	85.422	10.362	13.8
22.000	17.388	4.612-	21.0	518 NUKE FUEL	112.000	106.832	5.168-	4.6
22.000	17.388	4.612-	21.0	TOTL FUEL	112.000	106.832	5.168-	4.6
12.010	14.989	2.979	24.8	526 MNTC NUKE PLNT	60.050	55.557	4.493-	7.5
12.010	14.989	2.979	24.8	TOTL MNTC	60.050	55.557	4.493-	7.5
49.022	50.534	1.512	3.1	TOTL ELEC GENR	247.110	247.811	701	.3

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ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

DATE 03/28/80
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BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				ELEC XMSN				
11.286	19.261	7.975	70.7	560 SUPV AND ENGR	55.726	68.288	12.562	22.5
26.125	30.441	4.316	16.5	561 LOAD DISP	130.625	132.089	1.464	1.1
37.411	49.762	12.291	32.9	TOTL OPNS	186.351	200.377	14.026	7.5
4.500	468.380	463.880		569 HNTC STRUCT	22.500	505.054	482.554	
41.200	37.771	3.429-	8.3	570 HNTC STAT EQPT	206.000	179.690	26.310-	12.8
10.974	20.572	9.598	87.5	573 HNTC MISC PLNT	54.870	70.511	15.641	28.5
56.674	526.723	470.049		TOTL HNTC	283.370	755.255	471.885	
94.985	576.425	482.340		TOTL ELEC XMSN	869.721	955.632	485.911	

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	MONTH OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				ELEC DIST				
66.746	80.888	14.142	21.2	580 SUPV AND ENGR	333.800	280.966	52.834-	15.8
38.846	26.005	12.841-	33.1	583 OVHD LINE EXP	194.330	144.171	50.159-	25.8
27.652	8.398	19.254-	69.6	584 UGRD LINE EXP	138.260	70.521	67.739-	49.0
14.853	25.907	11.054	74.4	588 MISC EXP	74.265	117.554	43.289	58.3
148.097	141.198	6.899-	4.7	TCTL OPNS	740.655	613.212	127.443-	17.2
3.970	5.575	1.605	40.4	590 SUPV AND ENGR	19.850	20.443	593	3.0
42.500	48.491	5.991	14.1	593 MNTC OVHD LINE	212.500	227.190	14.690	6.9
14.000	23.033	9.033	64.5	594 MNTC UGRD LINE	70.000	90.931	20.931	29.9
4.300	7.745	3.445	80.1	595 MNTC LINE XFMR	21.500	33.559	12.059	56.1
9.000	16.183	7.183	79.8	596 MNTC ST LITE	45.000	61.617	16.617	36.9
19.349	21.256	1.907	9.9	597 MNTC MTRS	96.745	90.055	6.690-	6.9
37.455	47.585	10.130	27.0	598 MNTC MISC PLNT	187.275	208.785	21.510	11.5
130.574	169.868	39.294	30.1	TOTL MNTC	652.870	732.580	79.710	12.2
278.671	311.066	32.395	11.6	TOTL ELEC DIST	1,393.525	1,345.792	47.733-	3.4

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR-TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				WATR PROD				
38.456	47.629	9.173	23.9	600 SUPV AND ENGR	192.280	207.330	15.050	7.8
3.581	3.263	318-	8.9	603 MISC EXP	17.905	16.484	1.421-	7.9
30.000	28.250	1.810-	6.0	621 POWR FOR PROD RW	150.300	134.832	15.468-	10.3
32.000	25.471	6.529-	20.4	623 POWR FOR PROD TR	160.000	141.505	18.495-	11.6
0	0	0		627 RENT	0	0	0	
9.500	10.528	1.028	10.8	641 CHEM	47.500	37.381	10.119-	21.3
113.597	115.141	1.544	1.4	TOTL OPNS	567.985	537.532	30.453-	5.4
1.950	2.363	413	21.2	631 MNTC PUMP STRUCT	9.750	9.527	223-	2.3
6.675	12.403	5.728	85.8	633 MNTC PUMP EQPT	33.375	40.225	6.850	20.5
1.750	317	1,433-	81.9	651 MNTC TMNT STRUCT	8.750	3.090	5.660-	64.7
6.060	8.292	2.232	36.8	652 MNTC TMNT EQPT	30.300	38.821	8.521	28.1
50.625	1.428	49.197-	97.2	672 MNTC STOR PLNT	253.125	4.279	248.846-	98.3
67.000	24.803	42.257-	63.0	TOTL MNTC	335.300	55.942	239.358-	71.4
180.657	139.944	40.713-	22.5	TOTL WATR PROD	903.285	633.474	269.811-	29.9

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				WATR DIST				
19.776	10.301	9.475-	47.9	660 SUPV AND ENGR	64.151	49.782	14.369-	22.4
c	0	0		665 MISC EXP	0	0	0	
19.776	10.301	9.475-	47.9	TOTL OPNS	64.151	49.782	14.369-	22.4
3.991	9.775	784	8.7	670 SUPV AND ENGR	33.625	34.911	1.286	3.8
112.367	59.805	52.562-	46.8	673 MNTC MAIN	307.001	274.966	32.035-	10.4
25.000	30.846	5.846	23.4	675 MNTC SVCS	99.700	109.141	9.441	9.5
13.690	20.197	1.507	8.1	676 MNTC MTRS	86.879	87.872	993	1.1
4.600	6.541	1.941	42.2	677 MNTC HYDR	19.500	30.725	11.225	57.6
169.648	127.164	42.484-	25.0	TOTL MNTC	546.705	537.615	9.090-	1.7
189.424	137.465	51.959-	27.4	TOTL WATR DIST	610.856	587.397	23.459-	3.8

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				CUST ACCT				
37,238	51,676	14,438	38.8	901 SUPV AND ENGR	186,390	186,047	343-	.2
57,361	75,867	18,506	32.3	902 METR READ EXP	286,805	251,768	4,963	1.7
72,944	87,383	14,439	19.8	903 CUST RECS	364,599	364,206	393-	.1
25,000	20,000	5,000-	20.0	904 BAD DEBT	125,000	100,000	25,000-	20.0
1,230	861	375-	30.3	905 MISC EXP	6,085	5,578	107-	1.8
193,779	235,787	42,008	21.7	TOTL CUST ACCT	968,879	947,999	20,880-	2.2

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
				MKTG				
10,042	13,814	3,772	37.6	911 SUPV AND ENGR	50,210	50,940	730	1.5
894	1,081	187	20.9	912 DEMO EXP	4,470	5,117	647	14.5
0	0	0		913 ADV EXP	0	0	0	
15	10	5-	33.3	916 MISC EXP	75	42	33-	44.0
10,951	14,905	3,954	36.1	TOTL MKTG	54,755	56,099	1,344	2.5

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH ACTUAL AMT	MONTH OVER/UNDER	PERCENT	DESCRIPTION	BUDGET AMT	YEAR TO DATE ACTUAL AMT	OVER/UNDER	PERCENT
GENL ADMN								
167.482	208.921	41.439	24.7	920 SUPV AND ENGR	799.142	781.197	17.945-	2.2
40.246	40.333	87	.2	921 OFF SUPP	219.492	156.853	22.639-	10.3
37.550	91.705	54.155		923 OUTS SVCS	179.950	152.810	27.140-	15.1
76.000	79.841	3.841	5.1	924 PROP INS	380.000	355.874	24.126-	6.3
31.140	90.667-	121.807-		925 INJ AND DMGS	153.545	15.539	138.006-	89.9
1.071-	107.315-	165.644-		926 EMPL BENE	27.390-	174.786-	147.396-	
5.155	7.084	1.929	37.4	930 MISC EXP	25.779	30.499	4.720	18.3
0	0	0		931 RENT	0	0	0	
355.992	169.902	186.000-	52.3	TCTL CPNS	1,730,518	1,357,986	372,532-	21.5
122.459	159,566	37,107	30.3	932 MNTC GENL PLNT	612,273	650,276	38,003	6.2
122.459	159,566	37,107	30.3	TOTL MNTC	612,273	650,276	38,003	6.2
478.361	329,468	148,893-	31.1	TOTL GENL ADMN	2,342,791	2,008,262	334,529-	14.3

ORLANDO UTILITIES COMMISSION
 FINANCIAL MANAGEMENT SYSTEM
 OPERATIONS BUDGET FOR PERIOD ENDING FEB 1980

BUDGET AMT	CURRENT MONTH			DESCRIPTION	BUDGET AMT	YEAR TO DATE		
	ACTUAL AMT	OVER/UNDER	PERCENT			ACTUAL AMT	OVER/UNDER	PERCENT
525,000	542,982	17,982	3.4	403 ELEC DEPN	2,625,000	2,729,280	104,280	4.0
71,500	79,936	8,436	11.8	403 WATR DEPN	357,500	423,594	66,094	18.5
17,500	18,112	612	3.5	403 COMM DEPN	87,500	90,218	2,718	3.1
691	524	167-	24.2	406 ELEC AMOR	3,455	2,617	838-	24.3
0	0	0		406 WATR AMOR	0	0	0	
0	0	0		406 COMM AMOR	0	0	0	
128,375	112,547	15,828-	12.3	408 STAT UTIL TAX	585,026	558,447	26,579-	4.5
333,462	280,442	53,020-	15.9	408 CITY SUPP XFR EL	1,519,638	1,283,366	236,272-	15.5
21,400	19,599	1,801-	8.4	408 CITY SUPP XFR WA	120,300	101,189	19,111-	15.9
29,391	25,451	3,940-	13.4	408 CNTY PMT ELEC	133,937	113,840	20,097-	15.0
25,360-	15,640-	9,720-	38.3	412 LEAS PLNT REV	130,560-	66,580-	63,980-	49.0
990	990	0		413 LEAS PLNT RENT	4,950	4,950	0	
4,638	4,638	0		413 LEAS PLNT DEPN	23,190	23,191	1	
0	0	0		413 LEAS PLNT MNTC	0	0	0	
448,000-	885,992-	437,992	97.8	419 INTR INCM	2,478,500-	3,074,220-	595,720	24.0
30,000-	165,295-	135,295		421 NON OPNS INCM	150,000-	415,078-	265,078	
2,100	14,563	12,463		426 NON OPNS EXP	10,500	44,082	33,582	
0	0	0		427 BOND INTR 1956	0	0	0	
0	0	0		427 BOND INTR 1957	0	0	0	
0	0	0		427 BOND INTR 1959	0	0	0	
0	0	0		427 BOND INTR 1962	0	0	0	
0	0	0		427 BOND INTR 1970	0	0	0	
0	0	0		427 BOND INTR 1971	0	0	0	
0	0	0		427 BOND INTR 1973	0	0	0	
0	0	0		427 BOND INTR 1975A	0	0	0	
0	0	0		427 BOND INTR 1976	0	0	0	
0	0	0		427 BOND INTR 1975B	0	0	0	
774,740	571,408	203,332-	26.2	427 BOND INTR 1978	3,873,700	2,857,040	1,016,660-	26.2
0	202,023	202,023		427 BOND INTR 1979	0	1,010,117	1,010,117	
0	1,373	1,373		428 BOND DISC AMOR	0	6,867	6,867	
11,000	9,938	1,062-	9.7	431 GTHR INTR EXP	55,000	49,516	5,484-	10.0
653,500	558,400	95,100-	14.6	437 XFR TO CITY	3,078,500	2,752,200	286,300-	9.3

ATTACHMENT B-3

ORLANDO UTILITIES COMMISSION

II (c)

EXPANSION PLAN ANALYSIS without retirements
 Sales forecast-11/79. Budget(except fuel) used for 80.
 Mc#3(81); St.Lucie-48MW(83); Coal#1-150MW(87)
 Coal#2-150MW(91); Coal#3-150MW(95).
 NUC-100MW(98); 100MW(00); 100MW(02).
 Retire: LH(82). OGP LAEI run 12/14/79 and L069 run 12/27/79.

INPUT DATA
 CM79.12.31.02

RUN OPTION - AUTOMATIC BOND FLOATATION; ELECTRIC AND WATER RATES ADJUSTED DUE TO COVERAGE AND RETURN

BASIC ELECTRIC DATA

EXPENSES AND REVENUES

YEAR	SALES			ECONOMY		FUEL		BASIC U.REV	FUEL ADJ UR	ELECT XFUEL	GENERAL		WATER		OTHER INC
	GWH	BULKSALES GWH	DEM-\$ GWH	PROF	\$/MWH		ELECT				WATER	MMGAL.	EXP		
1980	2170	132	555	1033	6198	35.96	35.91	18.85	10624	6004	2128	15559	3274	430	
1981	2259	74	413	1066	6396	43.06	35.91	26.90	12494	6777	2395	16023	3496	460	
1982	2351	74	413	1070	6588	41.65	35.91	25.14	16361	7410	2589	16476	3731	488	
1983	2447	73	413	963	6037	42.51	35.91	25.96	17790	8015	2762	16895	3937	512	
1984	2547	74	413	800	5248	46.04	35.91	29.78	19976	8585	2911	17303	4115	533	
1985	2647	74	413	635	4336	50.10	35.91	34.19	21261	9175	3061	17665	4291	549	
1986	2756	0	0	484	3408	55.21	35.91	40.35	22654	9807	3215	18031	4475	565	
1987	2866	0	0	496	3606	52.69	35.91	37.58	29695	10477	3371	18383	4666	582	
1988	2978	0	0	414	6300	55.93	35.91	41.13	33883	11162	3522	18695	4856	599	
1989	3100	0	0	249	6018	61.44	35.91	47.16	36540	11909	3684	19016	5053	617	
1990	3220	0	0	203	5859	67.78	35.91	54.12	39111	12670	3841	19285	5251	636	
1991	3348	0	0	207	6446	65.18	35.91	51.28	49435	13500	4011	19578	5460	655	
1992	3478	0	0	436	14640	68.80	35.91	55.23	55950	14370	4181	19851	5673	675	
1993	3610	0	0	431	15615	75.54	35.91	62.61	60386	15262	4348	20087	5836	695	
1994	3748	0	0	406	15866	83.69	35.91	71.56	64824	16235	4525	20336	6109	716	
1995	3889	0	0	551	23222	83.54	35.91	71.38	79879	17222	4697	20542	6337	737	



INPUT DATA
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PLANT ADDITIONS

FUEL DETAIL

YEAR	ELECT BOOK ADDITIONS			WATER B/A		GEN PLANT	TOTAL BK ADD	CAPITAL		ECONOMY \$/MWH	OIL \$/MMBTU	OIL HTRATE	WATER UN REV
	PROD	TRANS	DIST	PROD	T&D			BONDS	OTHER				
1980	200	200	4924	550	2216	1346	9436	81422	8936	42.440	4.0300	10.482	0.6028
1981	214	4089	4967	554	2266	1197	13287	41286	8912	46.810	4.4290	10.555	0.6028
1982	80464	13212	6305	1357	2808	772	110978	24395	10456	51.620	4.8670	10.734	0.6028
1983	233	2238	6638	2760	2752	520	15146	13176	10446	56.630	5.3490	10.794	0.6028
1984	66104	248	7060	62	2812	536	76822	31619	10966	60.990	5.8790	10.734	0.6028
1985	255	255	7126	1664	2608	552	12460	141078	10860	66.250	6.4610	10.708	0.6028
1986	263	263	7638	66	2766	568	11564	60795	11564	72.490	7.1010	10.702	0.6028
1987	230371	14311	8292	1868	2764	585	258191	15317	12251	82.240	7.8030	11.093	0.6028
1988	279	279	7779	70	2572	603	11582	31316	11582	64.340	8.5160	11.101	0.6028
1989	287	287	8783	72	2754	621	12804	141478	12804	47.290	9.4250	10.976	0.6028
1990	296	296	8719	4869	2403	640	17223	72777	12428	42.770	10.2070	10.923	0.6028
1991	229655	11718	9644	776	2732	659	255184	22519	13721	46.220	11.0550	11.548	0.6028
1992	314	314	9945	1059	2647	679	14958	70222	13978	50.280	11.9720	11.783	0.6028
1993	323	323	10023	981	2379	699	14728	234690	13828	54.710	12.9660	11.656	0.6028
1994	333	333	10907	83	2610	720	14986	183264	14986	59.380	14.0420	12.177	0.6028
1995	318187	13082	10805	86	2244	742	345146	181360	14563	64.320	15.2070	14.712	0.6028

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YEAR	CONSTR WORK	ELECT CIAC	WATER CIAC	MATER INV	FUEL INV	LAND PURCHASE	RATE INCREASE	SUPPLEMENT ELECT	TRAN WATER	FACTORS COUNTY	FUNDS DIFF	FULL DEPRE
1980	101537	1424	5587	3500	4688	4337	0.0000	0.5940	0.4740	0.3200	-801	0
1981	138448	1623	6775	3745	6281	0	0.0000	0.5930	0.4730	0.3200	-1811	0
1982	62321	1833	8034	3970	9791	0	0.0000	0.5930	0.4720	0.3200	-3742	17731
1983	70797	2054	9357	4168	11034	0	0.0000	0.5930	0.4710	0.3200	-1485	0
1984	36560	2285	10732	4335	11997	0	0.0000	0.5920	0.4710	0.3210	-1215	0
1985	176038	2521	12148	4465	13135	0	0.0000	0.5920	0.4700	0.3210	-1400	0
1986	236833	2766	13607	4599	14434	0	0.0000	0.5920	0.4700	0.3210	-1566	0
1987	6210	3017	15109	4737	20839	0	0.0000	0.5920	0.4690	0.3210	-6682	0
1988	37526	3276	16657	4879	24367	0	0.0000	0.5910	0.4690	0.3210	-3812	0
1989	179004	3543	18251	5025	27198	0	0.0000	0.5910	0.4680	0.3210	-3124	0
1990	246986	3817	19893	5176	29874	0	0.0000	0.5910	0.4680	0.3210	-2978	15828
1991	28042	4099	21854	5331	38453	0	0.0000	0.5910	0.4670	0.3220	-8621	0
1992	97284	4390	23326	5491	34207	0	0.0000	0.5910	0.4670	0.3220	3656	0
1993	331074	4689	25120	5656	38863	0	0.0000	0.5900	0.4670	0.3220	-4987	0
1994	514338	4997	26968	5826	53399	0	0.0000	0.5900	0.4660	0.3220	-14876	16929
1995	365115	5315	27872	6000	64771	0	0.0000	0.5900	0.4660	0.3220	-12721	0

INPUT DATA
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PLANT DEPRECIATION AND RETIREMENT RATES						
EPROD	ETRANS	EDIST	WPROD	WF&D	STRUCT	GENERAL
0.03305	0.02980	0.03460	0.03080	0.01550	0.02000	0.08690
0.00000	0.01383	0.02344	0.00000	0.00991	0.00000	0.01383

ELECTRIC AND WATER DATA	
NET PLANT FACTORS	0.8218 0.1782
ACCUMULATED DEPRECIATION	75323 14811
CONSTRUCTION WORK IN PROGRESS	23041 1911
CONTRIBUTION IN AID CONSTRUCTION	1238 4477

MISCELLANEOUS DATA			
INTEREST RATES			
BSF	SFR	R&R	CTF
0.0600	0.0833	0.0600	0.0700
TRANSFER TO CITY FACTOR	0.500		
SUPPLEMENTAL TRANSFER FACTOR	0.060		
PER UNIT OF YEAR RATE INCREASE IN EFFECT	0.50000		
LAST YEAR'S INTEREST INCOME APPLIED TO BOND INTEREST	1674		
LAST YEAR'S FUEL INVENTORY	4091		
PER UNIT CHIP INCLUDED IN THE RATE BASE	1.00000		

CONSOLIDATED INCOME STATEMENT
 CM79.12.31.02

	1980	1981	1982	1983	1984	1985
OPERATING REVENUE						
ELEC. - OUC (BASIC)	77925	83973	92890	102528	111855	120730
- OUC (FUEL)	40910	60758	59102	63523	75860	90510
- BULKSALES	6650	4163	4570	4915	5374	5823
- ECONOMY	50039	56295	61821	60572	54040	46405
TOTAL ELEC.	175524	205189	218383	231538	247129	263468
WATER	9378	9658	10028	10593	11356	11950
TOTAL OPER. REV.	184902	214847	228411	242131	258485	275418
OPER. EXP.						
ELEC. - FUEL	131367	156258	162191	167994	176599	186457
- OTHER	10624	12494	16361	17790	19976	21261
- STATE & PSC TAX	1691	2058	2162	2361	2667	2999
TOTAL ELEC.	143682	170810	180714	188145	199242	210717
WATER	3274	3496	3731	3937	4115	4291
SUP TRAN-CITY GEN FUND	4502	5424	5692	6207	6989	7840
PAYMENT TO COUNTY	380	463	486	531	602	678
OTHER	8132	9172	9999	10777	11496	12236
TOTAL OPER. EXP.	159970	189365	200622	209597	222444	235762
DEPRECIATION	7831	8141	9786	11433	12814	14153
NET REVENUES FOR RETURN	17101	17341	18003	21101	23227	25503
INTEREST & OTHER INCOME	4919	4915	5298	5481	6664	10647
BOND INTEREST	11536	14296	16720	18190	20400	28186
AMORTIZATION OF BOND EXP.	36	66	87	102	121	193
NET INCOME(EQUITY INCOME)	10448	7894	6494	8290	9370	7771
TRANSFER - CITY GEN FUND	5575	4957	4250	3982	3962	3706
RETAINED EARNINGS	4873	2937	2244	4308	5408	4065
TOTAL TRANSFERS TO CITY	10077	10381	9942	10189	10951	11546

CONSOLIDATED INCOME STATEMENT
 CM79.12.31.02

	1986	1987	1988	1989	1990
OPERATING REVENUE					
ELEC. - OUC (BASIC)	133387	147405	162781	178253	191754
- OUC (FUEL)	111212	107696	122490	146202	174282
- BULKSALES	0	0	0	0	0
- ECONOMY	38493	44397	32937	17793	14541
TOTAL ELEC.	283092	299498	318208	342248	380577
WATER	12258	12560	13109	13679	13942
TOTAL OPER. REV.	295350	312058	331317	355927	394519
OPER. EXP.					
ELEC. - FUEL	196519	200969	203320	213790	240219
- OTHER	22654	29695	33883	36540	39111
- STATE & PSC TAX	3469	3618	4044	4596	5184
TOTAL ELEC.	222642	234282	241247	254926	284514
WATER	4475	4666	4856	5053	5251
SUP TRAN-CITY GEN FUND	9034	9415	10485	11889	13371
PAYMENT TO COUNTY	785	818	915	1041	1174
OTHER	13022	13648	14684	15593	16511
TOTAL OPER. EXP.	249958	263029	272187	288502	320821
DEPRECIATION	14408	18695	22977	23220	23286
NET REVENUES FOR RETURN	30984	30334	36153	44205	50412
INTEREST & OTHER INCOME	9950	9640	10877	15122	14835
BOND INTEREST	32995	35773	38231	45887	50857
AMORTIZATION OF BOND EXP.	248	268	287	355	411
NET INCOME (EQUITY INCOME)	7691	3933	8512	13085	13979
TRANSFER - CITY GEN FUND	3728	4099	4720	4652	5723
RETAINED EARNINGS	3963	-166	3792	8433	8256
TOTAL TRANSFERS TO CITY	12762	13514	15205	16541	19094

CONSOLIDATED INCOME STATEMENT

CM79712.31.02

	1991	1992	1993	1994	1995	TOTALS
OPERATING REVENUE						
ELEC. - OUC (BASIC)	205485	221809	237833	258961	281317	2608886
- OUC (FUEL)	171684	192085	226037	268206	277607	2188164
- BULKSALES	0	0	0	0	0	31495
- ECONOMY	16014	36562	39195	39974	58662	667740
TOTAL ELEC.	393183	450456	503065	567141	617586	5496285
WATER	14495	15152	15569	15968	16291	205986
TOTAL OPER. REV.	407678	465608	518634	583109	633877	5702271
OPER. EXP.						
ELEC. - FUEL	241087	275725	312823	356860	380043	3602221
- OTHER	49435	55950	60386	64824	79879	570863
- STATE & PSC TAX	5342	5865	6573	7469	7921	68019
TOTAL ELEC.	295864	337540	379782	429153	467843	4241103
WATER	5460	5673	5886	6109	6337	76610
SUP TRAN-CITY GEN FUND.	13781	15101	16857	19108	20241	175936
PAYMENT TO COUNTY	1214	1332	1493	1697	1799	15408
OTHER	17511	18551	19610	20760	21919	233821
TOTAL OPER. EXP.	333830	378197	423628	476827	518139	4742878
DEPRECIATION	27331	31597	31904	31926	37392	326894
NET REVENUES FOR RETURN	46517	55814	63102	74356	78346	632499
INTEREST & OTHER INCOME	14696	17342	23841	24278	25163	203668
BOND INTEREST	53770	58039	70424	81498	92963	669765
AMORTIZATION OF BOND EXP.	435	472	589	712	819	5201
NET INCOME (EQUITY INCOME)	7008	14645	15930	16424	9727	161201
TRANSFER - CITY GEN FUND	6465	6799	6373	6603	6028	81622
RETAINED EARNINGS	543	7346	9557	9821	3699	79579
TOTAL TRANSFERS TO CITY	20246	21900	23230	25711	26269	257558

CONSOLIDATED CASH STATEMENT
 CM79.12.31.02

	1980	1981	1982	1983	1984	1985
CASH SOURCES						
OPERATING REVENUE	184902	214847	228411	242131	258485	275418
INTEREST & OTHER INCOME	4919	4915	5298	5481	6664	10647
DEC-FUNDS; WC, ETC. (INC)	-3299	-3423	-4652	-2645	-5603	-5307
TOTAL	186521	216339	229057	244967	259546	280258
CASH USES						
OPER. EXP.	159970	189365	200622	209597	222444	235762
BOND INTEREST	11536	14296	16720	18190	20400	28186
BOND PRINCIPAL	2510	4006	5038	5650	6018	7228
TRANSFER - CITY GEN FUND	5575	4957	4250	3982	3962	3706
TOTAL	179591	212624	226630	237419	252824	274882
CASH AVAILABLE FOR P/A	6930	3715	2427	7548	6722	5376
NET BOND PROCEEDS	43245	48360	34875	18135	38130	148800
FUNDS AVAILABLE B. O. Y.						
CASH & INVESTMENT	18081	15180	17064	19491	21521	23744
C. T. FUNDS	37466	184	177	201	232	276
TOTAL AVAILABLE FOR P/A	105722	67439	54543	45375	66605	178196
SCHEDULED P-A						
OTHER BONDABLE	9831	1831	0	5518	4499	3450
	80527	48367	34851	18104	38086	148488
TOTAL	90358	50198	34851	23622	42585	151938
FUNDS AVAILABLE E. O. Y.						
CASH & INVESTMENT	15180	17064	19491	21521	23744	25670
C. T. FUNDS	184	177	201	232	276	588
TOTAL	15364	17241	19692	21753	24020	26258
R&R + Working Cap E. O. Y.	15180	17064	19540	21521	23744	25670

CONSOLIDATED CASH STATEMENT
 CM79.12.31.02

	1986	1987	1988	1989	1990
CASH SOURCES					
OPERATING REVENUE	295350	312058	331317	355927	394519
INTEREST & OTHER INCOME	9950	9640	10877	15122	14835
DEC FUNDS, WC, ETC. (INC)	-3012	-7963	-8277	-7786	-4772
TOTAL	302287	313734	333916	363262	404582
CASH USES					
OPER. EXP.	249958	263029	272187	288502	320821
BOND INTEREST	32995	35773	38231	45887	50857
BOND PRINCIPAL	11473	11915	12393	14051	18824
TRANSFER - CITY GEN FUND	3728	4099	4720	4652	5723
TOTAL	298154	314816	327531	353092	396225
CASH AVAILABLE FOR P/A	4133	-1082	6385	10170	8357
NET BOND PROCEEDS	71145	27900	41850	150660	80445
FUNDS AVAILABLE B. O. Y.					
CASH & INVESTMENT	25670	28184	27102	33487	39999
C. T. FUNDS	588	993	1325	277	313
TOTAL AVAILABLE FOR P/A	101536	55995	76662	194594	129114
SCHEDULED P-A					
OTHER	1619	0	0	3658	5061
BONDABLE	70740	27568	42898	150624	80144
TOTAL	72359	27568	42898	154282	85205
FUNDS AVAILABLE E. O. Y.					
CASH & INVESTMENT	28184	27102	33487	39999	43295
C. T. FUNDS	993	1325	277	313	614
TOTAL	29177	28427	33764	40312	43909
R&R + Working Cap E. O. Y.	28184	32177	36416	39999	43295

CONSOLIDATED CASH STATEMENT
 CM79.12.31.02

	1991	1992	1993	1994	1995	TOTALS
CASH SOURCES						
OPERATING REVENUE	407678	465608	518634	583109	633877	5702271
INTEREST & OTHER INCOME	14696	17342	23841	24278	25163	203668
DEC FUNDS, WC, ETC. (INC)	-11070	-4931	-17201	-22511	-15707	-128659
TOTAL	411303	478018	525273	584876	643333	5777272
CASH USES						
OPER. EXP.	333830	378197	423628	476827	518139	4742878
BOND INTEREST	53770	58039	70424	81498	92963	669765
BOND PRINCIPAL	19947	21070	23086	32845	36650	232704
TRANSFER - CITY GEN FUND	6465	6799	6373	6603	6028	81622
TOTAL	414012	464105	523511	597773	653780	5726969
CASH AVAILABLE FOR P/A	-2709	13913	1762	-12897	-10447	50303
NET BOND PROCEEDS	36270	83235	248775	198555	195765	1466145
FUNDS AVAILABLE B. O. Y.						
CASH & INVESTMENT	43295	40586	54100	55862	42965	
C. T. FUNDS	614	644	78	335	640	
TOTAL AVAILABLE FOR P/A	77470	138378	304715	241855	228923	1571995
SCHEDULED P-A						
OTHER	0	399	0	0	0	35866
BONDABLE	36240	83801	248518	198250	195923	1503129
TOTAL	36240	84200	248518	198250	195923	1538995
FUNDS AVAILABLE E. O. Y.						
CASH & INVESTMENT	40586	54100	55862	42965	32518	
C. T. FUNDS	644	78	335	640	482	
TOTAL	41230	54178	56197	43605	33000	
RR + Working Cap E. O. Y.	48174	54100	58573	63928	72599	

CONSOLIDATED FINANCIAL DATA

CM79.12.31.02

	1980	1981	1982	1983	1984	1985
DEBT COVERAGE RATIO						
PRIOR YEAR	2.8464	2.1804	2.0129	2.0664	2.1165	1.6534
ALLOWABLE DEBT INCREASE						
DEBT COV. = 1.5	154588	94569	79749	92179	111633	39886
CAPITALIZATION B O Y						
ADJUSTED LONG TERM DEBT	132552	173767	218657	248881	261566	294101
LONG TERM DEBT	149860	196360	247070	282480	299540	337990
EQUITY	121845	126718	129655	131899	136207	141615
ADJ. LTD INTEREST RATE	4.9173	4.9273	4.9027	5.0454	5.1578	5.1299
REQUIRED RETURN ON EQ 13.5						
REQUIRED RETURN ON CAPITAL	8.4079	8.1170	7.7875	7.7384	7.8450	7.7524
RETURN ON EQUITY	8.2451	6.0885	4.9235	6.0863	6.6165	5.3343
RETURN ON CAPITAL	6.2225	5.3269	4.9093	5.3708	5.5885	5.1764
RATE BASE B O Y						
ELECTRIC	167590	249303	291448	316990	325579	356327
WATER	33590	33764	34691	37147	41041	40120
TOTAL	201180	283067	326139	354137	366620	396447
RETURN ON RATE BASE						
ELECTRIC	9.4827	5.9190	5.2454	5.0840	5.8820	5.8814
WATER	9.5562	8.2181	7.2463	6.3944	5.9989	6.9873
TOTAL	9.4950	6.1932	5.4581	5.2214	5.8952	5.9932
OPER REV VS NET PLANT	69.2390	68.4544	69.6687	69.5195	66.7034	51.3906
DEBT VS NET PLANT	73.5296	78.7213	86.1606	86.0025	87.2201	92.2600
NET INC VS OPER REV	5.6506	3.6742	2.8431	3.4238	3.6250	2.8215
OPER REV VS DEBT	94.1648	86.9579	80.8592	80.8343	76.4771	55.7019
DEBT RATIO	60.7779	65.5836	68.1695	68.7417	70.4726	77.2421
OPERATING RATIO	86.5161	88.1395	87.8338	86.5635	86.0568	85.6015
ELEC BASE+FA PU RATE INCR	0.0000	0.1930	0.0060	0.0525	0.0756	0.0859
WATER RATE INCR	0.0000	0.0703	0.0560	0.0647	0.0326	0.0444
ELECT UNIT REV=BASE+FA	54.7626	65.3313	65.7252	69.1726	74.4040	80.7936
WATER RATE INCREASE	0.0000	0.0000	0.0194	0.0406	0.0526	0.0100
WATER UNIT REVENUE	0.6028	0.6028	0.6145	0.6395	0.6731	0.6799



CONSOLIDATED FINANCIAL DATA
CM79.12.31.02

	1986	1987	1988	1989	1990
DEBT COVERAGE RATIO					
PRIOR YEAR	1.6954	1.7980	1.7808	1.7036	1.8245
ALLOWABLE DEBT INCREASE					
DEBT COV. = 1.5	57574	91224	91440	82401	143852
CAPITALIZATION B O Y					
ADJUSTED LONG TERM DEBT	437325	497786	514080	544002	682281
LONG TERM DEBT	494450	563405	585745	622980	775940
EQUITY	145680	149643	149477	153269	161702
ADJ. LTD INTEREST RATE	4.9885	5.3686	5.8596	5.8853	5.6673
REQUIRED RETURN ON EQ 13.5					
REQUIRED RETURN ON CAPITAL	7.0886	7.2480	7.5807	7.5591	7.1680
RETURN ON EQUITY	5.1396	2.6312	5.5536	8.0920	8.2250
RETURN ON CAPITAL	5.0202	4.8120	5.7992	6.2658	6.0939
RATE BASE B O Y					
ELECTRIC	491628	550418	562339	586034	718978
WATER	42653	42061	44882	43822	43789
TOTAL	534281	592479	607221	629856	762767
RETURN ON RATE BASE					
ELECTRIC	4.6866	5.2000	4.9982	5.7670	5.7982
WATER	7.0595	6.9602	6.2604	6.7447	7.1562
TOTAL	4.8761	5.3249	5.0914	5.8350	5.8762
OPER REV VS NET PLANT	48.8493	49.6640	49.6712	43.5692	44.7432
DEBT VS NET PLANT	93.1842	93.2212	93.3975	94.9831	96.2920
NET INC VS OPER REV	2.6040	1.2603	2.5691	3.6763	3.5433
OPER REV VS DEBT	52.4223	53.2754	53.1826	45.8704	46.4662
DEBT RATIO	79.0136	79.6591	80.2552	82.7544	83.3211
OPERATING RATIO	84.6311	84.2885	82.1530	81.0565	81.3195
ELEC BASE+FA PU RATE INCR	0.1208	-0.0034	0.0836	0.0790	0.0888
ELEC BASE PU RATE INCR	0.0772	0.0492	0.0757	0.0299	0.0413
ELECT UNIT REV=BASE+FA	90.5500	90.2445	97.7865	105.5087	114.8799
WATER RATE INCREASE	0.0000	0.0100	0.0425	0.0100	0.0000
WATER UNIT REVENUE	0.6799	0.6867	0.7158	0.7230	0.7230

CONSOLIDATED FINANCIAL DATA
 CM79.12.31.02

	1991	1992	1993	1994	1995	AVE:EOY
DEBT COVERAGE RATIO PRIOR YEAR	1.8987	1.7383	1.6193	1.5664	1.5110	1.8757
ALLOWABLE DEBT INCREASE DEBT COV. = 1.5	182655	118910	75234	48920	9227	
CAPITALIZATION B O Y						
ADJUSTED LONG TERM DEBT	744794	761519	824606	1053054	1220967	
LONG TERM DEBT	849045	873975	948775	1196785	1377440	1551290
EQUITY	169958	170501	178347	187904	197725	201424
ADJ. LTD INTEREST RATE	5.7362	5.8997	5.8607	5.6427	5.6908	5.4175
REQUIRED RETURN ON EQ 13.5						
REQUIRED RETURN ON CAPITAL	7.1787	7.2900	7.2192	6.8325	6.7792	7.4745
RETURN ON EQUITY	4.1102	8.2115	8.4777	8.3065	4.8291	6.3044
RETURN ON CAPITAL	5.4708	6.2655	6.2159	5.9771	5.5918	5.6317
RATE BASE B O Y						
ELECTRIC	775872	794735	841813	1062196	1243364	
WATER	50461	48517	49410	49412	48264	
TOTAL	826333	843252	891223	1111608	1291628	
RETURN ON RATE BASE						
ELECTRIC	6.1991	5.5579	6.3282	5.7050	5.7834	5.3748
WATER	5.8470	6.1875	6.5109	6.4733	6.5543	6.3369
TOTAL	6.1777	5.5941	6.3384	5.7392	5.8122	5.4065
OPER REV VS NET PLANT						
	44.6406	46.9195	41.9748	41.3136	39.5766	52.8686
DEBT VS NET PLANT						
DEBT VS NET PLANT	95.7001	95.6085	96.8599	97.5924	96.8559	91.0993
NET INC VS OPER REV	1.7190	3.1453	3.0715	2.8166	1.5345	2.9986
OPER REV VS DEBT						
OPER REV VS DEBT	46.6464	49.0746	43.3356	42.3328	40.8613	59.2789
DEBT RATIO	83.6759	84.1768	86.4299	87.4473	88.5079	77.8899
OPERATING RATIO	81.8857	81.2265	81.6815	81.7732	81.7413	83.9043
ELEC BASE+FA PU RATE INCR						
ELEC BASE PU RATE INCR	-0.0140	0.0663	0.0666	0.1142	0.0038	1.6310
ELEC BASE PU RATE INCR	0.0204	0.0574	0.0100	0.0871	0.0100	1.0244
ELECT UNIT REV=BASE+FA	113.2755	120.7824	128.8237	143.5364	144.0789	97.4785
WATER RATE INCREASE						
WATER RATE INCREASE	0.0482	0.0145	0.0162	0.0100	0.0100	0.3222
WATER UNIT REVENUE						
WATER UNIT REVENUE	0.7578	0.7688	0.7813	0.7891	0.7970	0.7022

ANTITRUST INFORMATION REQUIRED BY 10 CFR 50.33a,
10 CFR 50, APPENDIX L AND NUCLEAR REGULATORY COMMISSION
REGULATORY GUIDE 9.2 (Rev. 1)

10 CFR 50, Appendix L

- II. 9. There are no non-affiliated electric utility systems with peak loads smaller than Orlando Utilities Commission (OUC) which serve areas adjacent to OUC. Florida Power Corporation and Florida Power & Light Company are the only electric utilities that serve areas adjacent to OUC. See attached maps (Attachment C-1).

The statistics requested for the adjacent utilities are as follows:

	<u>Florida Power Corp.</u>	<u>Florida Power & Light</u>
1979 peak load - MW	4224	8791
Average annual growth rate - %	3.9	3.8
Winter generating capacity as of 1/1/80- MW	4884	11516
Largest thermal generat- ing unit - MW	726	795

U. S. NUCLEAR REGULATORY COMMISSION REGULATORY GUIDE 9.2

C.1.a Official Statement dated July 27, 1979 for \$40,000,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978A (Attachment C-2).

C.1.b. 1979 Annual Report (as of September 30, 1979) (Attachment B-1)
Form 1 - December 31, 1979 (Attachment C-3)
Form 12 - December 31, 1978 (Attachment C-4)

C.1.c.
(1) Copies of OUC's rate schedules are attached. (Attachment C-5)

(2) Copies of four different types of interchange contracts between OUC and other municipal utilities are attached.

Type 1 contracts exist between OUC and City of Kissimmee, City of Lakeland, City of Homestead and City of Tallahassee. (Attachment C-6)

Type 2 contracts exist between OUC and City of Gainesville and Sebring Utilities Commission. (Attachment C-7)



Type 3 contracts exist between OUC and City of St. Cloud and Jacksonville Electric Authority. (Attachment C-8)

Type 4 contracts exist between OUC and New Smyrna Beach Utilities Commission, Lake Worth Utilities Authority and City of Vero Beach. (Attachment C-9)

C.1.d. Annual Report 1972 (The Golden Anniversary) (Attachment C-10)

C.1.e. Attached are copies of load flow diagrams for 1982 and 1985 taken from a recent Florida Electric Power Coordinating Group (FCG) report, which indicate line flows before and after St. Lucie Unit 2 is in service. (Attachment C-11)

Also attached is a map showing OUC's proposed transmission additions through 1985. (Attachment C-12)

C.1.f. N/A

C.1.g. Orlando Utilities Commission (OUC) is a joint owner, along with ten other municipal and REA utilities, of Florida Power Corporation's Crystal River #3 825 MW nuclear unit. OUC owns a 1.6015% (13.2 MW) share as a tenant in common with an undivided interest. The Participation Agreement was signed July 31, 1975, and the unit was placed in commercial operation March 13, 1977.

OUC is a joint owner of the City of Lakeland's McIntosh #3 334 MW coal-fired unit. OUC's share of the project is 40% (134 MW) as a tenant in common with an undivided interest. The Participation Agreement was signed April 4, 1978. The unit is expected to be in commercial operation in October, 1981.

C.1.h. N/A

C.1.i. Generation and interchange control is accomplished through the use of an analog computer utilizing tie line frequency bias and Automatic Generation Control.

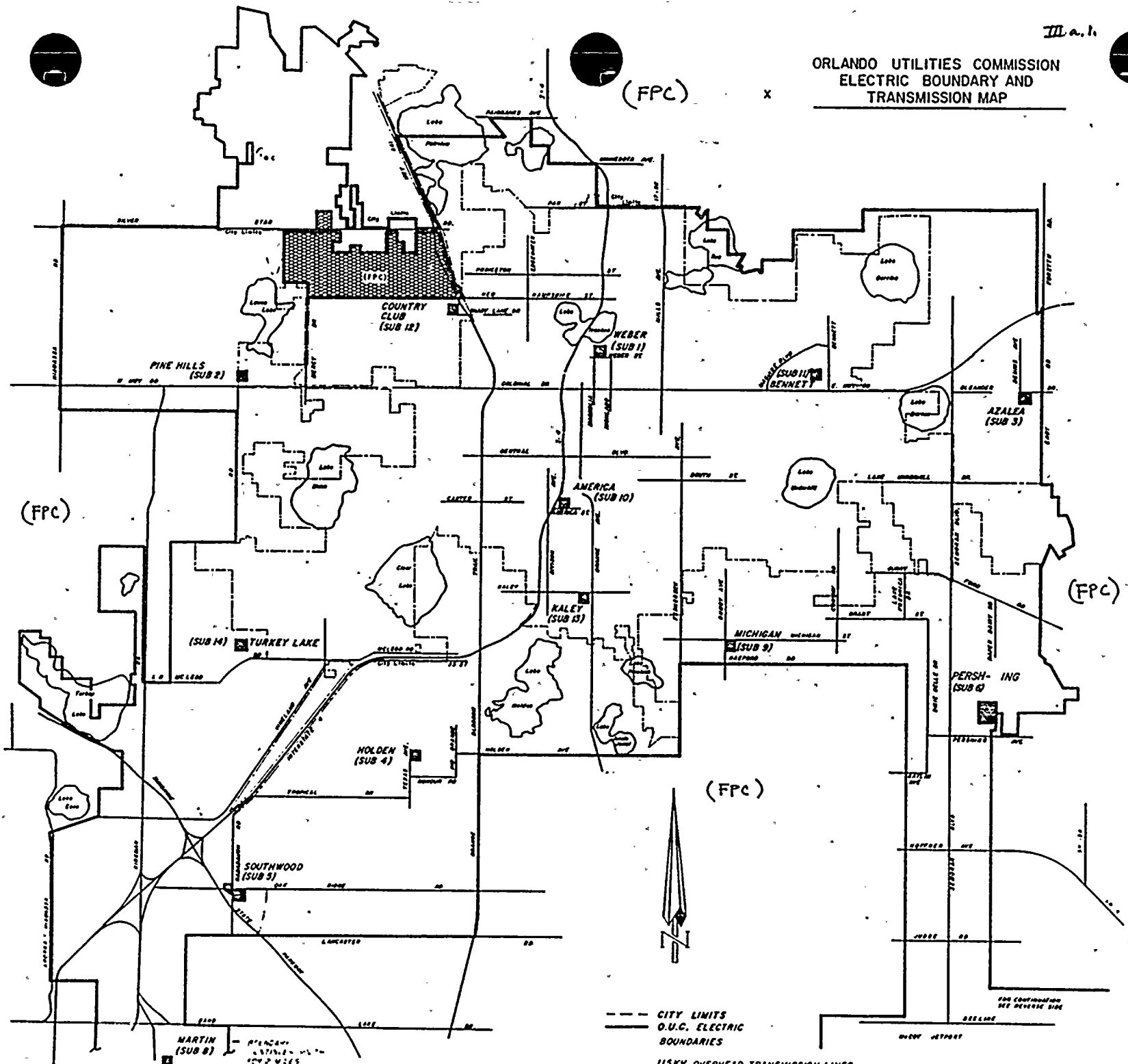
The scheduling and dispatching of generation is by the most economical configuration consistent with reliability and quality of service. (Attachments C-13 & 14).

Communications consist of hard wired cable to substations and leased telephone circuits for distant telemetering and control. Voice Communication includes two way radio. Leased telephone and teletype circuits provide communications with neighboring systems.

The Control Center is located on the second floor of an unmarked building. A General Electric analog computer for Generation Control and Westinghouse Visicode for supervisory control of substations are the primary control systems.

10 CFR 2.101(a)(5) (Attachment C-15)

ORLANDO UTILITIES COMMISSION
ELECTRIC BOUNDARY AND
TRANSMISSION MAP



(FPC)

(FPC)

(FPC)

(FPC)

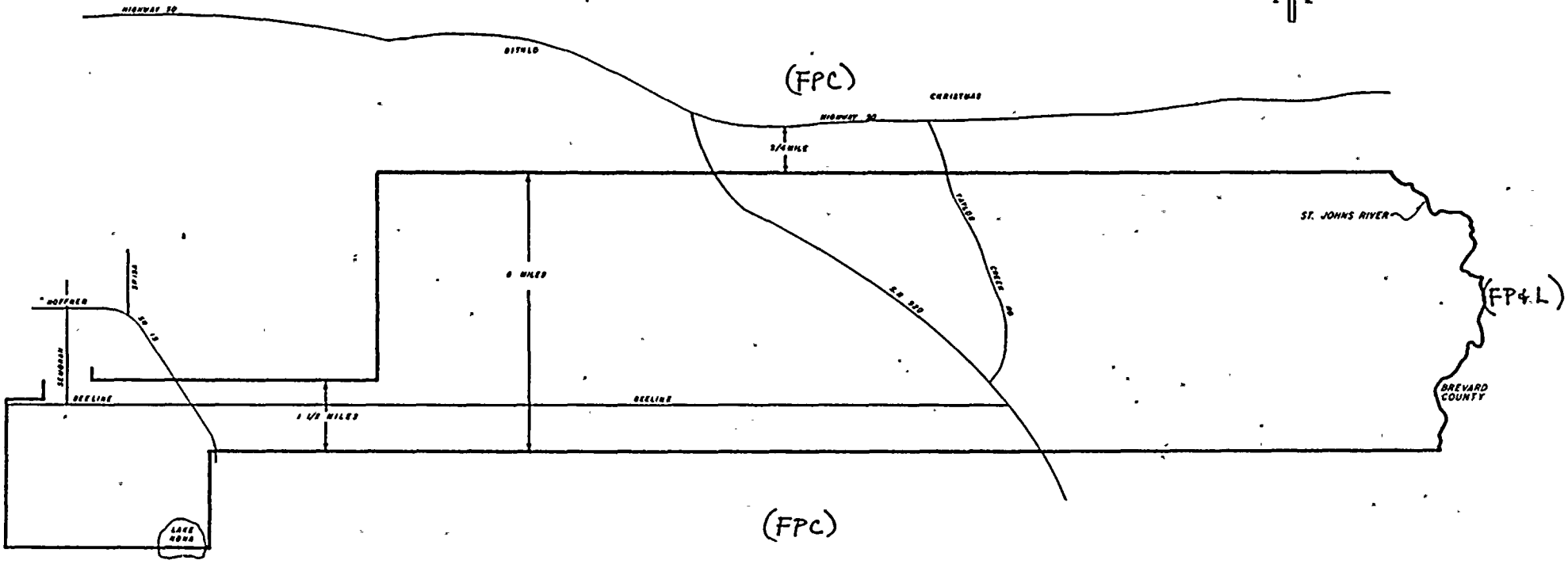
--- CITY LIMITS
 - - - O.U.C. ELECTRIC
 BOUNDARIES

115KV OVERHEAD TRANSMISSION LINES
 115KV UNDERGROUND TRANSMISSION LINES
 230KV TRANSMISSION LINES

FOR CONTINUATION
SEE REVERSE SIDE



Attachment (1)



— O.U.C. TERRITORIAL BOUNDARIES
 — 115KV TRANSMISSION LINES
 — 230KV TRANSMISSION LINES

INITIAL	DATE	REVISED
ECC	1/20/78	

X

In the opinion of Bond Counsel, interest on the 1978A Improvement Bonds is exempt from all Federal income taxation under existing laws and from taxation under the laws of the State of Florida, except as to estate taxes and taxes imposed by Chapter 220, Florida Statutes, on interest, income or profits on debt obligations owned by corporations, banks and savings associations.

Ratings: Moody's: Aa
Standard & Poor's: AA
(See "Ratings" herein)

\$40,000,000

Orlando Utilities Commission

**Water and Electric Revenue Refunding and Improvement Bonds,
Series 1978A**

Dated: April 1, 1979

Due: April 1, as shown below

The Water and Electric Revenue Refunding and Improvement Bonds, Series 1978A (the "1978A Improvement Bonds") will be issued as coupon bonds in the denomination of \$5,000 each, registrable as to principal only, or as to both principal and interest. Principal and semi-annual interest (April 1 and October 1, commencing October 1, 1979) will be payable at the principal office of The Chase Manhattan Bank, N.A., New York, New York. The 1978A Improvement Bonds are subject to redemption prior to maturity commencing April 1, 1989 as more fully described herein.

The 1978A Improvement Bonds, part of an authorization of \$225,330,000 of which \$110,330,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 (the "Refunding Bonds") were issued in June 1978, are being issued to finance a portion of the costs of the McIntosh Unit 3 Project, to be constructed jointly with the City of Lakeland, Florida, as more fully described herein.

The 1978A Improvement Bonds will be issued pursuant to a resolution adopted by the Orlando Utilities Commission on April 18, 1978, as amended, and will be payable from and secured by a first lien upon the pledge of the Net Revenues derived from the operation of the Water and Electric System and from certain investment income.

AMOUNTS, MATURITIES, COUPON RATES AND PRICES OR YIELDS

<u>Principal Amount</u>	<u>Due</u>	<u>Interest Rate</u>	<u>Price or Yield</u>	<u>Principal Amount</u>	<u>Due</u>	<u>Interest Rate</u>	<u>Price or Yield</u>
\$2,025,000	1993	5.60%	100%	\$2,480,000	2001	6.00%	6.05%
1,620,000	1994	5.65	100	2,635,000	2002	6.10	100
1,725,000	1995	5.70	100	2,800,000	2003	6.10	6.15
1,830,000	1996	5.75	100	2,875,000	2004	6.20	100
1,945,000	1997	5.80	100	3,060,000	2005	6.25	100
2,065,000	1998	5.90	100	3,255,000	2006	6.30	100
2,195,000	1999	6.00	100	3,465,000	2007	6.30	6.35
2,335,000	2000	6.00	100	3,690,000	2008	6.40	100

(Plus Accrued Interest from April 1, 1979)

The 1978A Improvement Bonds are offered for delivery when, as and if issued and received by the Underwriters and subject to the approval of legality by Mudge Rose Guthrie & Alexander, New York, New York, Bond Counsel. Certain other legal matters on behalf of the Commission will be passed on by J. Thomas Gurney, Sr., of Gurney, Gurney & Handley, P.A., Orlando, Florida, Counsel to the Commission. It is expected that the Bonds will be delivered in New York City on or about August 7, 1979.

E. F. Hutton & Company Inc.

Stephens Inc.

Arch W. Roberts & Co.

Dated: July 27, 1979

No dealer, broker, salesman or other person has been authorized by the Commission or the Underwriters to give any information or to make any representations other than those contained in this Official Statement, and if given or made, such other information or representations must not be relied upon as having been authorized by either of the foregoing. This Official Statement does not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of the 1978A Improvement Bonds by any person in any jurisdiction in which it is unlawful for such person to make such offer, solicitation or sale. This Official Statement has been approved by the Commission and the information set forth herein has been furnished by the Commission and other sources which are believed to be reliable but is not guaranteed as to accuracy or completeness, and is not to be construed as a representation by the Underwriters. The information and expressions of opinion herein are subject to change without notice and neither the delivery of this Official Statement nor any sale made hereunder shall, under any circumstances, create any implication that there has been no change in the affairs of the Commission since the date hereof.

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ORLANDO UTILITIES COMMISSION

PRESIDENT

Grover C. Bryan

FIRST VICE PRESIDENT

Charles J. Hawkins

SECOND VICE PRESIDENT

Grace C. Lindblom

COMMISSIONERS

Mayor Carl T. Langford

Henry T. Meiner

EXECUTIVE VICE PRESIDENT AND GENERAL MANAGER

Curtis H. Stanton

ASSISTANT GENERAL MANAGER

Harry C. Luff

MANAGER OF ELECTRIC OPERATIONS

Louis E. Stone

MANAGER OF CUSTOMER RELATIONS AND SUPPORT OPERATIONS

Stephen P. Willis

MANAGER OF FINANCIAL OPERATIONS

Harold H. Walker

MANAGER OF WATER OPERATIONS

Theodore C. Pope

GENERAL COUNSEL

J. Thomas Gurney, Sr.
Gurney, Gurney & Handley, P.A.
Orlando, Florida

CONSULTING ENGINEERS

ELECTRIC DEPARTMENT

Black & Veatch
Orlando, Florida

WATER DEPARTMENT

CH2M Hill
Atlanta, Georgia

BOND COUNSEL

Mudge Rose Guthrie & Alexander
New York, New York

FINANCIAL CONSULTANT

M. G. Lewis & Co., Inc.
Winter Park, Florida

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SUMMARY STATEMENT

(Subject in all respects to more complete information contained in this Official Statement)

The Orlando Utilities Commission (the "Commission") was created by the Florida State Legislature according to Chapter 9861, Laws of Florida, Acts of 1923 and Chapter 10968, Laws of Florida, Acts of 1925 and is a part of the City of Orlando, Florida (the "City"). The Commission consists of five members, including the Mayor of the City of Orlando. Members serve without salary and, with the exception of the Mayor, who automatically becomes a member of the Commission, are appointed by the Commission subject to the approval of the City Council.

The Electric and Water System: Power for the electric system load is supplied from three plants. The Commission's Indian River Plant is located approximately 32 miles east of the City. This plant is a modern steam power plant having a total net generating capacity of 612,000 kw in three 1800 psi reheat steam turbine-generator units. The Lake Highland Plant is located in the City. This plant has a total net generating capacity of approximately 117,000 kw consisting of three steam turbine-generator units having a combined net capacity of 90,000 kw and two quick-start combustion turbine units having a combined net capacity of 26,000 kw and one diesel generator with a net capacity of 1000 kw. The Lake Highland Plant is used primarily for peaking and standby service. The Commission is a joint owner, along with ten other utilities, of Florida Power Corporation's Crystal River Unit 3 Nuclear Plant which is located on the Gulf of Mexico in Citrus County. The Commission owns an undivided interest of 1.6015% of the plant as a tenant in common and is entitled to 13,200 kw of the plant net capacity. The Nuclear Plant supplies 1.78% of the total system requirements. In addition, the system has a substantial interconnection capability with Florida Power Corporation and Florida Power and Light Company. The Electric System currently services approximately 82,600 customers.

The Commission also provides water for the City and outlying areas. An abundant water supply, obtained from 23 deep wells, is treated, stored and pumped from eight interconnected plants. Due to the high quality of the well water, the only treatment needed is that of aeration, chlorination and flouridation. The Water System currently services approximately 63,700 customers.

The Commission has followed a policy of financing expansion of its facilities from internally generated funds to the extent practicable and has consistently increased its accumulated retained earnings. Equity in the system has averaged more than 40% of total capitalization over the past ten years.

Purpose of the 1978A Improvement Bonds: The 1978A Improvement Bonds are to be issued for the purpose of providing monies to construct a 364,000 kw coal-fired steam-turbine power generation facility, jointly owned by the Commission (40%) and the City of Lakeland, Florida (60%), and to be constructed by the City of Lakeland at its McIntosh plant site. This unit will be a modern 2400 psi unit designed to fire coal as a primary fuel with fuel oil and refuse as secondary fuel.

Security for the 1978A Improvement Bonds: The 1978A Improvement Bonds are payable from and secured by a lien upon and a pledge of the Net Revenues of the Water and Electric System and from investment income on monies and obligations in the Debt Service Reserve Account and the Investment Account established by the Resolution and deposited in the Interest Account.

The 1978A Improvement Bonds are payable from the Net Revenues and certain investment income pari passu with the Refunding Bonds, except that none of the 1978A Improvement Bonds or Pari Passu Additional Bonds will be payable from monies or investments on deposit in the Investment Account; only the principal of the Refunding Bonds maturing April 1, 2008 are additionally secured and payable from such monies and investments on deposit in the Investment Account. The 1978A Improvement Bonds do not constitute an indebtedness of either the Commission or the City but are payable from the Net Revenues of the System and certain investment income. The City is not obligated to levy any ad valorem taxes for the payment of the 1978A Improvement Bonds or to apply any of its funds for such payment.

Rates: The Commission has full power and authority to prescribe rates for its service and to change rates at its discretion. The rate schedule has been adjusted periodically as considered necessary, the last being a \$3 million annual increase for electric service effective September 1, 1977. The Commission's electric rates have consistently been among the lowest in Florida. The residential rate within the City limits for 1,000 kwh in April 1979 was \$36.03 including fuel adjustment. (See page 9 for further information with respect to rates.)

Rate Covenant: The Commission has covenanted to establish and maintain such rates for the services and facilities of the Water and Electric System as will always provide in each fiscal year, Net Revenues

adequate at all times to pay in each fiscal year at least one hundred twenty-five percent (125%) of the Annual Debt Service Requirement for the Refunding Bonds, the 1978A Improvement Bonds and any Pari Passu Additional Bonds hereafter issued, and that such Net Revenues shall be sufficient to make all of the payments required by the terms of the Resolution and that such rates, fees, rentals or other charges shall not be so reduced so as to be insufficient to provide adequate Revenues for such purpose.

Additional Bonds: The Commission may issue Pari Passu Additional Bonds from time to time upon certain conditions as specified in the Resolution. Such Pari Passu Additional Bonds may be issued only if the Net Revenues during the immediate preceding Fiscal Year or any twelve consecutive months of the fifteen months immediately preceding the issuance, as adjusted, will equal 150% of the Maximum Annual Debt Service on all outstanding Bonds and the Pari Passu Additional Bonds then proposed to be issued. The remaining authorized but unissued \$75,000,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 when or if issued are subject to the same restrictions and conditions as the Pari Passu Additional Bonds.

Estimated Coverage of Debt Service: Set forth below are the historical and projected Net Revenues, as defined in the Resolution, together with the coverage provided by such revenues. See "Historical and Projected Operating Data" and "Estimated Debt Service Schedules" contained herein.

HISTORICAL AND PROJECTED NET REVENUES
(In thousands of dollars)

	Historical (a) Year Ended Dec. 31.		Historical (a) Year Ended Sept. 30.		
	1974	1975	1976	1977	1978
Gross Revenues and Income	\$81,298	\$89,756	\$89,466	\$92,534	\$99,753
Total Expenses	56,508	63,898	62,488	66,004	70,262
Net Available for Debt Service	24,790	25,858	26,978	26,530	29,491
Current Debt Service.....	7,599	8,116	8,653	8,877	9,810
Coverage by Net Revenues	3.26x	3.19x	3.12x	2.99x	3.0
	Projected (b) Year Ended September 30				
	1979	1980	1981	1982	1983
Gross Revenues and Income	\$114,395	\$121,887	\$130,067	\$153,317	\$157,407
Total Expenses	85,800	90,174	96,246	114,919	117,724
Net Available for Debt Service	\$ 28,595	\$ 31,713	\$ 33,821	\$ 38,398	\$ 39,683
Estimated Debt Service (c)(d).....	10,011	14,698	14,695	14,698	14,704
Coverage of Current Debt Service (c)(d).....	2.86x	2.16x	2.30x	2.61x	2.70x
Coverage of Estimated Maximum Debt Service (c)(e).....	1.83x	2.02x	2.16x	2.45x	2.53x

- (a) Historical amounts are derived from the Commission's audited financial statements which are prepared on an accrual basis. See the Commission's "Historical Operating Data" set forth herein.
- (b) Projected amounts were developed by the Commission and reviewed and approved by the Consulting Engineer. Increases in expenses of operation as a result of inflation could be substantial and result in a decrease in the above coverage figures in the absence of a rate increase. See the Commission's "Projected Operating Data" set forth herein.
- (c) Debt Service reflects a credit given with respect to projected and estimated investment income earned on monies and investments on deposit in the Investment Account and the Debt Service Reserve Account.
- (d) Estimated Debt Service reflects actual debt service on the Refunding Bonds plus anticipated debt service on the 1978A Improvement Bonds and the remaining Pari Passu Additional Bonds which the Commission plans to issue during the years 1979-1980.
- (e) Estimated Maximum Debt Service on the Refunding Bonds, the 1978A Improvement Bonds and the Pari Passu Additional Bonds is estimated at \$15,663,837.

DEFINITION OF CERTAIN TERMS
(As used in this Official Statement, the following
terms have the meanings indicated below.)

"Annual Debt Service Requirement" means, at any time, the amount required to be deposited in the then current Fiscal Year into the Interest Account, Principal Account, Investment Account and the Bond Redemption Account, as provided in the Resolution; provided, however, that such amount shall be reduced by any earnings or investment income in the then current fiscal year from monies and investments in the Investment Account and the Debt Service Reserve Account.

"Maximum Annual Debt Service" means, at any time, the maximum amount required to be deposited in the then current or any succeeding fiscal year into the Interest Account, Principal Account, Investment Account and Bond Redemption Account, as provided in the Resolution; provided, however, that such amount shall be reduced (i) by any determinable earnings or investment income projected to be earned on the Investment Account Securities and (ii) by any estimated earnings or investment income from investments in the Debt Service Reserve Account, which estimate shall be based on the income and earnings to be received from the investments then on deposit in the Debt Service Reserve Account.

"1978A Improvement Bonds" means the \$40,000,000 principal amount of Water and Electric Improvement Bonds, Series 1978A authorized to be issued under the Resolution and offered by this Official Statement.

"Bonds" means the Refunding Bonds, the 1978A Improvement Bonds, and any Pari Passu Additional Bonds hereinafter issued pursuant to the Resolution.

"Pari Passu Additional Bonds" means (a) the remaining \$75,000,000 authorized but unissued Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, (b) any additional Bonds issued under the provisions of the Resolution payable from the Revenues of the Water and Electric System pari passu with the Refunding Bonds and the 1978A Improvement Bonds, and (c) any Demand Charge Components, when the provisions of the Resolution with respect to the issuance of Pari Passu Additional Bonds are met at the time such Demand Charge Components are incurred. Such Pari Passu Additional Bonds are not payable from or secured by the monies and investments in the Investment Account.

"Refunding Bonds" means the \$110,330,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 initially issued pursuant to the Resolution in June, 1978 for the purpose of refunding the outstanding obligations of the Commission.

"Investment Account" means an account within the sinking fund established by this Resolution. All interest derived from all monies and investments on deposit in the Investment Account shall remain in the Investment Account and shall be used and received and credited against the amount of Revenues required to be deposited in the Investment Account. When there is on deposit in the Investment Account a sufficient principal amount of investment account securities together with any other funds on deposit in the Investment Account to pay the principal of the Refunding Bonds, due April 1, 2008, then all interest or investment income shall be deposited in the Interest Account.

"Serial Bonds" means the Bonds of an issue which shall be stated to mature in annual or semi-annual installments but not including term Bonds.

"Resolution" means the Resolution, as amended and adopted by the Commission on April 18, 1978, authorizing the issuance of \$235,000,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978.

"Revenues" means all rates, fees, charges, or other income received by the Commission or accrued to the Commission from the operation of the Water and Electric System, including the investment income required to be deposited in the Revenue Fund from the investment and reinvestment of monies on deposit in certain funds and accounts created and established by the Resolution.

"Net Revenues" means the Revenues remaining after deduction of Operating Expenses. Such Operating Expenses do not include (a) Transfer of Funds (b) Payments to Orange County and (c) any Demand Charge Components.

"Operating Expenses" means the current expenses, paid or accrued, of operation, maintenance and ordinary current repairs of the Water and Electric System and its facilities and includes, without limiting the generality of the foregoing, insurance premiums, administrative expenses of the Commission relating solely to the Water and Electric System, and such other reasonable current expenses as shall be in accordance with generally accepted accounting practice. "Operating Expenses" do not include any allowance for depreciation.

"Transfer of Funds" means the transfer of funds made to the general fund of the City of Orlando, which includes but is not limited to (a) funds pledged for the retirement of the City of Orlando's 1955 Sewer Revenue Bonds and (b) funds pledged for the retirement of the City of Orlando's 1970 Improvement Revenue Bonds.

"Payments made to Orange County, Florida" means contributions made to Orange County, Florida pursuant to the proceedings of the Orlando Utilities Commission, dated March 13, 1973.

"Demand Charge Component" means that portion of any rates, fees, charges or payments which the Commission is obligated to pay to another entity for purchase of electrical output for the specific purpose of meeting principal or interest or both on that entity's obligations. Demand Charge Components shall be excluded from Operating Expenses, but shall rank on a parity as to payment with the Bonds provided that the provisions of the Resolution regarding the issuance of Pari Passu Additional Bonds are met with respect to Demand Charge Components at the time such Demand Charge Components are incurred. Otherwise, Demand Charge Components shall be subordinate to the Bonds. All such Demand Charge Components, however, will not be payable from or secured by the monies or investments deposited in the Investment Account.

"Water and Electric System" means the complete water and electric plants now under the control and jurisdiction of the Commission, together with any and all additions, extensions and improvements hereafter made to the Water and Electric System from any sources whatsoever, including the additions, extensions and improvements to the Water and Electric System constructed from the proceeds of the Bonds, and shall include (without being limited to) all lands or interest therein, plants, buildings, machinery, franchises, pipes, fixtures, equipment and all property, real or personal, tangible or intangible, now or hereafter owned or used in connection with the Water and Electric System.

\$40,000,000

Orlando Utilities Commission

Water and Electric Revenue Refunding and Improvement Bonds, Series 1978A

INTRODUCTION

This Official Statement of the Orlando Utilities Commission (the "Commission") provides certain information relating to the Commission, its Water and Electric System and its \$40,000,000 principal amount of Water and Electric Revenue Refunding and Improvement Bonds, Series 1978A (the "1978A Improvement Bonds"). The 1978A Improvement Bonds are being offered for the purpose of constructing a 364,000 kw coal-fired steam-turbine electric power generation facility. This facility will be constructed in the City of Lakeland and will be jointly owned by the Commission (40%) and the City of Lakeland, Florida (60%) (see Joint-ownership agreement, appendix G herein). The 1978A Improvement Bonds being offered are part of an authorization of \$235,000,000 principal amount of Bonds, of which \$110,330,000 principal amount of Refunding Bonds have been issued to refund the Commission's outstanding water and electric revenue bonds, and of which \$75,000,000 principal amount of bonds which the Commission intends to issue to complete the financing of the new power supply facility and other projects. The authorization of the remaining \$9,670,000 principal amount of Bonds has been cancelled by the Commission.

AUTHORITY FOR ISSUANCE OF THE 1978A IMPROVEMENT BONDS

The 1978A Improvement Bonds are being issued pursuant to the authority contained in Chapter 9861, Laws of Florida, Acts of 1923, as amended and supplemented by Chapter 10968, Laws of Florida, Acts of 1925, as amended by Chapter 13198, Laws of Florida, Acts of 1927; Chapter 24758, Laws of Florida, Acts of 1947; Chapters 31075, 31076, 31077, 31078, 31080 and 31092, Laws of Florida, Acts of 1955; Chapter 2589, Laws of Florida, Acts of 1961; and other applicable provisions of law, and pursuant to the Resolution, as amended. The 1978A Improvement Bonds were validated by judgment of the Circuit Court of the Ninth Judicial Circuit of Orange County, Florida on May 12, 1978, from which judgment no appeal was taken during the applicable appeal period.

DESCRIPTION OF THE 1978A IMPROVEMENT BONDS

Principal Amount, Date, Interest Rate and Maturities

The 1978A Improvement Bonds will be issued in the aggregate principal amount of \$40,000,000, will be dated April 1, 1979, and will be numbered consecutively from one (1) upward in the denomination of \$5000 each.

The 1978A Improvement Bonds will bear interest from April 1, 1979, at the rates set forth on the cover page hereof, payable on October 1, 1979, and semi-annually thereafter on April 1 and October 1 of each year and will mature in the principal amounts and on the dates set forth on the cover page of this Official Statement. The 1978A Improvement Bonds will be issuable in coupon form registrable as to principal only or as to both principal and interest and may be converted into coupon bonds payable to bearer upon the terms and conditions set forth in the Resolution. The 1978A Improvement Bonds are payable as to principal, interest and redemption premium, if any, at the principal office of The Chase Manhattan Bank, N.A., New York, New York (the "Paying Agent").

Redemption

The 1978A Improvement Bonds shall be subject to redemption at the option of the Commission prior to maturity on or after April 1, 1989, in whole at any time or in part from time to time on any interest payment date in the inverse order of their maturities (by lot within a maturity if less than a full maturity)

at par and accrued interest plus $\frac{1}{2}$ of 1% for each year or fraction thereof between the redemption date and the stated date of maturity; such premium, however, shall not exceed 2%.

Notice of such redemption (i) shall be published at least thirty (30) days prior to the redemption date in a financial journal of general circulation in New York, New York, and in a newspaper of general circulation in the City of Orlando, Florida; (ii) shall be filed with the Paying Agent; and (iii) shall be mailed, postage prepaid to all registered owners of the 1978A Improvements Bonds to be redeemed at their addresses as they appear on the registration books.

Issuance of Pari Passu Additional Bonds

The Commission may issue the remaining authorized but unissued \$75,000,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 and other Pari Passu Additional Bonds from time to time only upon certain conditions, as set forth in the Resolution. Among other things, the Commission is required to receive from its Consulting Engineer a certificate stating that the Net Revenues during the preceding Fiscal Year or any twelve consecutive months of the fifteen months immediately preceding the issuance of such additional bonds, subject to certain adjustments, will be equal to at least one hundred fifty percent (150%) of the Maximum Annual Debt Service requirement on (i) all Refunding Bonds and 1978A Improvement Bonds then outstanding, (ii) any Pari Passu Additional Bonds then outstanding, and (iii) the proposed Pari Passu Additional Bonds (see "Summary of Certain Provisions of the Resolution—Issuance of Pari Passu Additional Bonds" herein).

SECURITY FOR THE 1978A IMPROVEMENT BONDS

The 1978A Improvement Bonds (and any Pari Passu Additional Bonds issued hereafter) are payable solely from and secured by a lien upon and pledge of the Net Revenues derived by the Commission from the operation of the Water and Electric System and from certain investment income earned on monies and obligations in the Debt Service Reserve Account and the Investment Account and deposited in the Interest Account. The 1978A Improvement Bonds are payable from the Net Revenues pari passu with the Refunding Bonds, except that none of the 1978A Improvement Bonds or Pari Passu Additional Bonds will be payable from monies or investments on deposit in the Investment Account; only the principal of the Refunding Bonds maturing April 1, 2008 is payable from and secured by such monies or investments on deposit in the Investment Account. The pledge of the Net Revenues derived by the Commission from the operation of the Water and Electric System does not constitute a lien upon the Water and Electric System or any part thereof or any other property of the Commission or the City. The Bonds do not constitute indebtedness of the Commission or the City within the meaning of any constitutional, statutory or charter provisions or limitations, and are payable as described above. The full faith and credit of the State of Florida or the City are not pledged for payment of the Bonds, and the City is not obligated to levy any ad valorem taxes therefore or to apply any of its funds for the payment of the Bonds.

The Commission is required under the Resolution to deposit in the Debt Service Reserve Account a sum which, when added to the monies and obligations already on deposit therein, will be at least equal to the combined Maximum Annual Debt Service Requirement on the Refunding Bonds and the 1978A Improvement Bonds. The Commission is further required to replenish deficiencies in the Debt Service Reserve Account in the manner provided in the Resolution so that the Debt Service Reserve Account will contain funds equal to the Maximum Annual Debt Service Requirement on the outstanding Bonds (see also, "Summary of Certain Provisions of the Resolution" herein for more detailed explanation of requirements with respect to replenishment of deficiencies in the Debt Service Reserve Account and the accumulation of deposits therein upon issuance of Pari Passu Additional Bonds).

The Resolution provides that the provisions thereof and of the 1978A Improvement Bonds constitute a contract with the holders of the 1978A Improvement Bonds and in accordance with the Resolution, the holders of the 1978A Improvement Bonds or any trustee acting for such holders may, either at law or in equity, by suit, mandamus or other proceeding in any court of competent jurisdiction, protect, enforce or compel the performance of all duties required under the Resolution.

RATE COVENANT

The Commission has covenanted in the Resolution to establish and maintain such rates for the services and facilities of the Water and Electric System as will always provide in each Fiscal Year Net Revenues adequate at all times to pay in each Fiscal Year at least one hundred twenty-five percent (125%) of the Annual Debt Service Requirement on the Refunding Bonds, the 1978A Improvement Bonds, and any Pari Passu Additional Bonds hereafter issued, and that such Net Revenues shall be sufficient to make all other payments required by the terms of the Resolution and that such rates, fees, rentals or other charges shall not be so reduced so as to be insufficient to provide adequate Revenues for such purpose.

PURPOSE OF THE OFFERING

The 1978A Improvement Bonds are being issued to provide funds to jointly construct and own the McIntosh Unit 3 Project with the City of Lakeland, Florida, the first such joint generating project between municipalities in the State of Florida. The Commission will have a 40% ownership in the generating plant and be entitled to 40% of its capacity. The project is a 364 mw steam-electric generating plant to be located on the north side of Lake Parker in Lakeland, Florida.

Electric Power Generation

The Orlando Utilities Commission and the City of Lakeland entered into a Participation Agreement for the Construction and Joint Ownership of McIntosh Unit Number Three (the "Joint Ownership Project"), a 364 megawatt coal-fired steam-electric generating plant, being build adjacent to, and contiguous with, existing electric generating plants owned by the City of Lakeland. The Joint Ownership Project will use coal as its primary fuel and be capable of burning number 6 fuel oil and solid refuse as fuel supplements. The coal supply will be delivered by rail in "unit trains" and unloaded automatically with a trestle/dumping procedure which empties each coal car while the train maintains a slow forward speed. The railroad spur and coal storage/handling facilities are part of the Joint Ownership Project, as is the flue gas cleaning equipment (a limestone scrubber and a precipitator). Appropriate storage, handling, classifying, conveying and shredding equipment associated with processing solid refuse will also be constructed as part of the Joint Ownership Project.

Electric Transmission

The Joint Ownership Project includes those 230KV facilities necessary for switching and delivering the energy output of the Joint Ownership Project. 230KV transmission facilities not a part of the Joint Ownership Project will be constructed by the Commission with a portion of the proceeds of this issue. That 230KV transmission system will be wholly owned by the Commission and include approximately 40 miles of transmission line which will deliver the Commission's portion of the Joint Ownership Project energy output to the Orlando Utilities Commission electric distribution network.

APPLICATION OF 1978A IMPROVEMENT BOND PROCEEDS

All monies received by the Commission from the sale of the 1978A Improvement Bonds are required under the Resolution to be disbursed as follows:

The accrued interest derived from the sale of the 1978A Improvement Bonds is to be deposited in the Interest Account established for the purpose of paying the interest becoming due and payable on the 1978A Improvement Bonds on their next interest payment date.

A sufficient amount of the 1978A Improvement Bond proceeds is to be deposited in the Debt Service Reserve Account which, together with other available monies and securities already on deposit in the Debt Service Reserve Account, is to equal the combined Maximum Annual Debt Service on the Refunding Bonds and the 1978A Improvement Bonds.

The balance of the proceeds of the 1978A Improvement Bonds are to be deposited in the Construction Fund created and established by the Resolution and applied in the manner prescribed by the Resolution.

The estimated application of funds derived from the sale of the 1978A Improvement Bonds herein offered is as follows:

Joint Ownership Project Costs (the Commission's share).....	\$36,994,485
Deposit to Debt Service Reserve Account.....	2,500,000
Legal, fiscal and administrative services and printing costs.....	150,000
Accrued Interest from April 1, 1979.....	848,498
Total Applications.....	\$40,492,983
Proceeds of the 1978A Improvement Bonds.....	\$40,000,000
Add: Accrued Interest from April 1, 1979.....	848,498
Less: Underwriter's Discount.....	355,515
Total Sources.....	\$40,492,983

ESTIMATED DEBT SERVICE SCHEDULE

\$225,330,000

<u>Year Ending Sept. 30.</u>	<u>Gross Debt Service on \$110,330,000 Refunding Bonds, Including Deposits to Investment Account</u>	<u>Estimated Debt Service on \$115,000,000 Authorized Balance, Including this Issue(1)</u>	<u>Total Debt Service</u>	<u>Less Investment Income from Debt Service Reserve & Investment Accounts and Maturing Principal of Investment Securities Applied to Reduce Debt Service(3)</u>	<u>Net Debt Service</u>
1979.....	\$ 9,833,822	\$ 1,250,000(2)	\$11,083,822	\$ 1,073,232	\$10,010,590
1980.....	9,366,503	7,187,500	16,554,003	1,855,619	14,698,384
1981.....	9,573,096	7,187,500	16,760,596	2,065,581	14,695,015
1982.....	9,804,947	7,187,500	16,992,447	2,293,487	14,698,960
1983.....	10,057,046	7,187,500	17,244,546	2,540,780	14,703,766
1984.....	10,324,529	7,187,500	17,512,029	2,806,843	14,705,186
1985.....	10,544,416	7,187,500	17,731,916	3,089,612	14,643,204
1986.....	10,078,609	7,187,500	17,972,109	3,388,674	14,584,435
1987.....	11,111,827	7,187,500	18,299,327	3,710,012	14,589,315
1988.....	11,484,858	7,187,500	18,672,358	4,060,224	14,612,134
1989.....	11,867,592	7,187,500	19,055,092	4,438,693	14,616,399
1990.....	12,285,668	7,187,500	19,473,168	4,849,955	14,623,213
1991.....	12,733,762	7,187,500	19,921,262	5,294,631	14,626,631
1992.....	13,227,186	7,187,500	20,414,686	5,777,461	14,637,225
1993.....	10,453,298	10,072,500	20,525,798	6,308,762	14,217,036
1994.....	13,491,895	7,452,188	20,944,083	6,453,550	14,490,533
1995.....	13,527,065	7,399,375	20,926,440	6,453,550	14,472,890
1996.....	13,539,348	7,393,125	20,932,473	6,453,550	14,478,923
1997.....	13,563,028	7,370,625	20,933,654	6,453,550	14,480,104
1998.....	9,816,328	10,802,813	20,619,141	6,453,550	14,165,591
1999.....	6,923,490	13,988,750	20,912,240	6,453,550	14,458,690
2000.....	6,892,515	14,025,313	20,917,838	6,453,550	14,462,288
2001.....	6,844,685	14,050,938	20,895,623	6,453,550	14,442,073
2002.....	6,815,495	14,369,375	21,184,870	6,453,550	14,731,320
2003.....	6,783,308	14,903,313	20,873,621	6,453,550	14,420,071
2004.....	5,747,698	15,027,812	20,775,510	6,453,550	14,321,960
2005.....	5,767,528	15,014,688	20,782,216	6,453,550	14,328,666
2006.....	4,153,943	15,629,375	19,783,318	6,453,550	13,329,768
2007.....	2,925,925	15,630,000	19,565,925	6,453,550	13,112,375
2008.....	\$65,675,925	\$15,634,687	\$81,310,512	\$65,646,775	\$15,663,837

- (1) A 6.25% interest rate used for calculation purposes only.
- (2) Assumes no debt service for the remaining authorized balance in 1979 only.
- (3) Debt Service Reserve Account income calculated at 8.5%.

ESTIMATED DEBT SERVICE SCHEDULE

\$150,330,000

Year Ended Sept. 30.	Gross Debt Service on \$110,330,000 Refunding Bonds, Including Deposits to Investment Account	Debt Service \$40,000,000 1978A Improvement Bonds(1)	Total Debt Service \$150,330,000	Less Investment Income from Reserve & Investment Accounts and Maturing Principal of Investment Securities Applied to Reduce Debt Service(2)	Estimated Net Debt Service \$150,330,000
1979	\$ 9,833,822	\$1,212,140	\$11,045,962	\$ 770,081	\$10,275,881
1980	9,366,503	2,424,280	11,790,783	1,515,619	10,275,164
1981	9,573,096	2,424,280	11,997,376	1,725,581	10,271,795
1982	9,804,947	2,424,280	12,229,227	1,953,487	10,275,740
1983	10,057,046	2,424,280	12,481,326	2,200,780	10,280,546
1984	10,324,529	2,424,280	12,748,809	2,466,843	10,281,966
1985	10,544,416	2,424,280	12,968,696	2,749,612	10,219,084
1986	10,078,609	2,424,280	12,502,889	3,048,674	9,454,215
1987	11,111,827	2,424,280	13,536,107	3,370,012	10,166,095
1988	11,484,858	2,424,280	13,909,138	3,720,224	10,188,914
1989	11,867,592	2,424,280	14,291,872	4,098,693	10,193,179
1990	12,285,668	2,424,280	14,709,948	4,509,955	10,199,993
1991	12,733,762	2,424,280	15,158,042	4,954,631	10,203,411
1992	13,227,186	2,424,280	15,651,466	5,437,461	10,214,005
1993	10,453,298	4,449,280	14,902,578	5,968,762	8,933,816
1994	13,491,895	3,930,880	17,422,775	6,113,550	11,309,225
1995	13,527,065	3,944,350	17,471,415	6,113,550	11,357,865
1996	13,539,348	3,951,025	17,490,373	6,113,550	11,376,823
1997	13,563,028	3,960,800	17,523,828	6,113,550	11,410,278
1998	9,816,328	3,967,990	13,784,318	5,773,550	8,010,768
1999	6,923,490	3,976,155	10,899,645	5,518,550	5,381,095
2000	6,892,515	3,984,455	10,876,970	5,518,550	5,358,420
2001	6,844,685	3,989,355	10,834,040	5,518,550	5,315,490
2002	6,815,495	3,995,555	10,811,050	5,518,550	5,292,500
2003	6,783,308	3,999,820	10,783,128	5,518,550	5,264,578
2004	5,747,698	3,904,020	9,651,718	5,433,550	4,218,168
2005	5,767,528	3,910,770	9,678,298	5,433,550	4,244,748
2006	4,153,943	3,914,520	8,068,463	5,263,550	2,804,913
2007	2,925,925	3,919,455	6,845,380	5,263,550	1,581,830
2008	65,675,925	3,926,160	69,602,085	64,456,775	5,145,310

(1) Calculation based on actual interest rates on 1978A Improvement Bonds.

(2) Debt Service Reserve Account income calculated at 8.5%.

DEBT SERVICE SCHEDULE

\$40,000,000

The following table of debt service requirements is based on the sale of the 1978A Improvement Bonds, which is a portion of the remaining authorized but unissued Bonds and which are being issued for the purpose of partially funding the Joint Ownership Project.

<u>Year Ending September 30,</u>	<u>Principal</u>	<u>Interest(1)</u>	<u>Total Debt Service</u>
1979.....		\$ 1,212,140	\$ 1,212,140
1980.....		2,424,280	2,424,280
1981.....		2,424,280	2,424,280
1982.....		2,424,280	2,424,280
1983.....		2,424,280	2,424,280
1984.....		2,424,280	2,424,280
1985.....		2,424,280	2,424,280
1986.....		2,424,280	2,424,280
1987.....		2,424,280	2,424,280
1988.....		2,424,280	2,424,280
1989.....		2,424,280	2,424,280
1990.....		2,424,280	2,424,280
1991.....		2,424,280	2,424,280
1992.....		2,424,280	2,424,280
1993.....	\$ 2,025,000	2,424,280	4,449,280
1994.....	1,620,000	2,310,880	3,930,880
1995.....	1,725,000	2,219,350	3,944,350
1996.....	1,830,000	2,121,025	3,951,025
1997.....	1,945,000	2,015,800	3,960,800
1998.....	2,065,000	1,902,990	3,967,990
1999.....	2,195,000	1,781,155	3,976,155
2000.....	2,335,000	1,649,455	3,984,455
2001.....	2,480,000	1,509,355	3,989,355
2002.....	2,635,000	1,360,555	3,995,555
2003.....	2,800,000	1,199,820	3,999,820
2004.....	2,875,000	1,029,020	3,904,020
2005.....	3,060,000	850,770	3,910,770
2006.....	3,255,000	659,520	3,914,520
2007.....	3,465,000	454,455	3,919,455
2008.....	3,690,000	236,160	3,926,160
TOTALS.....	\$40,000,000	\$56,452,370	\$96,452,370

(1) Interest on the \$40,000,000, 1978A Improvement Bonds was calculated at the actual rates of interest.

ORLANDO UTILITIES COMMISSION

General Information

The Commission was created by the Florida State Legislature according to Chapter 9861, Laws of Florida, Acts of 1923 and Chapter 10968, Laws of Florida, Acts of 1925. The Commission consists of five members, including the Mayor of the City of Orlando. Members serve without salary and, with the exception of the Mayor, who automatically becomes a member of the Commission, are appointed by the Commission subject to the approval of the City Council.

Curtis H. Stanton, Professional Engineer, Executive Vice President and General Manager of the Commission has headed the Commission's management for more than thirty years and has seen the system

grow from a very modest base to a system with assets of \$245,081,000 as of September 30, 1978. According to letters received from the State Health Division which are on file with the Commission, the Commission's water treatment plant has been selected by the State Health Division as the best operated among large cities in the State. Mr. Stanton is currently President of the American Waterworks Association.

The Commission has a total of 747 employees with 357 of these involved in electric operations and 110 in water operations. The remaining number of employees are divided among customer relations, support operations, financial operations and administration. The number of employees has remained relatively stable for the past five years. Employees are not unionized.

Electric Properties and Operations

Power for the Electric System is supplied from three power plants. A modern steam power plant with reheat turbine generator units is located in Brevard County and is known as the Indian River Plant. For peaking and standby service, the Commission has a plant located in the City of Orlando known as Lake Highland Plant. In addition, the Commission is a joint owner, along with 10 other utilities, of Florida Power Corporation's Crystal River Unit 3 Nuclear Plant. The Electric System serves an area of approximately 200 square miles through a loop transmission system of 230 kv and 115 kv. Fourteen substations provide reliable service. Four interconnections with other utilities who are members of the Florida Electric Power Coordinating Group (FCG) allows the Commission to operate in a reliable and efficient manner. A fifth interconnection, which will be with the City of Kissimmee, is currently under construction. Three of the interconnection points operate at 230 kv. A fourth 230 kv connection exists with Florida Power and Light Company and the new tie with the City of Kissimmee will be a 230 kv connection. The interconnections greatly facilitate marketing of electric energy and those involved in the interconnections are continually entering into interchange marketing agreements with each other. Sales and electric energy arrangements have over the years been beneficial to the Commission. The table below shows the Commission's existing generating facilities, capacity of each unit and other data relating thereto.

EXISTING GENERATING FACILITIES

Plant Name & Location	Unit No.	Type	Fuel**		Date In Service Mo/Yr	Estimated Retirement Date Mo/Yr	Gen Max Nameplate KW	Net Capability	
			Pri	Alt				Summer MW	Winter MW
Lake Highland Orlando, FL	1	F	HO	NG	9/49	12/82	28,750	30	31
	2	F	HO	NG	9/54	12/82	37,500	30	31
	3	F	HO	NG	6/56	12/82	37,500	30	31
	GT-A	CT	LO	NG	12/58	10/86	18,750	13	16
	GT-B	CT	LO	NG	12/58	12/86	18,750	13	16
	Diesel	D	LO	—	1970	Unknown	1,000	1	1
						142,250	117	126	
Indian River, Brevard Cnty.	1	F	HO	NG	2/60	12/91	86,700	90	92
	2	F	HO	NG	12/64	12/94	207,600	204	208
	3	F	HO	NG	2/74	Unknown	344,500	318	321
						638,000	612	621	
*Crystal River, Citrus County	3	N	N	—	3/77	Unknown	860,382	13	13
Total System as of Dec. 31, 1978								<u>742</u>	<u>760</u>

* OUC has an undivided ownership interest of 1.6015% (12.2 MW) as a tenant in common in Florida Power Corporation's Crystal River = 3.825 MW Nuclear Unit

** Heavy oil = HO, Light oil = LO, Natural Gas = NG, Nuclear = N

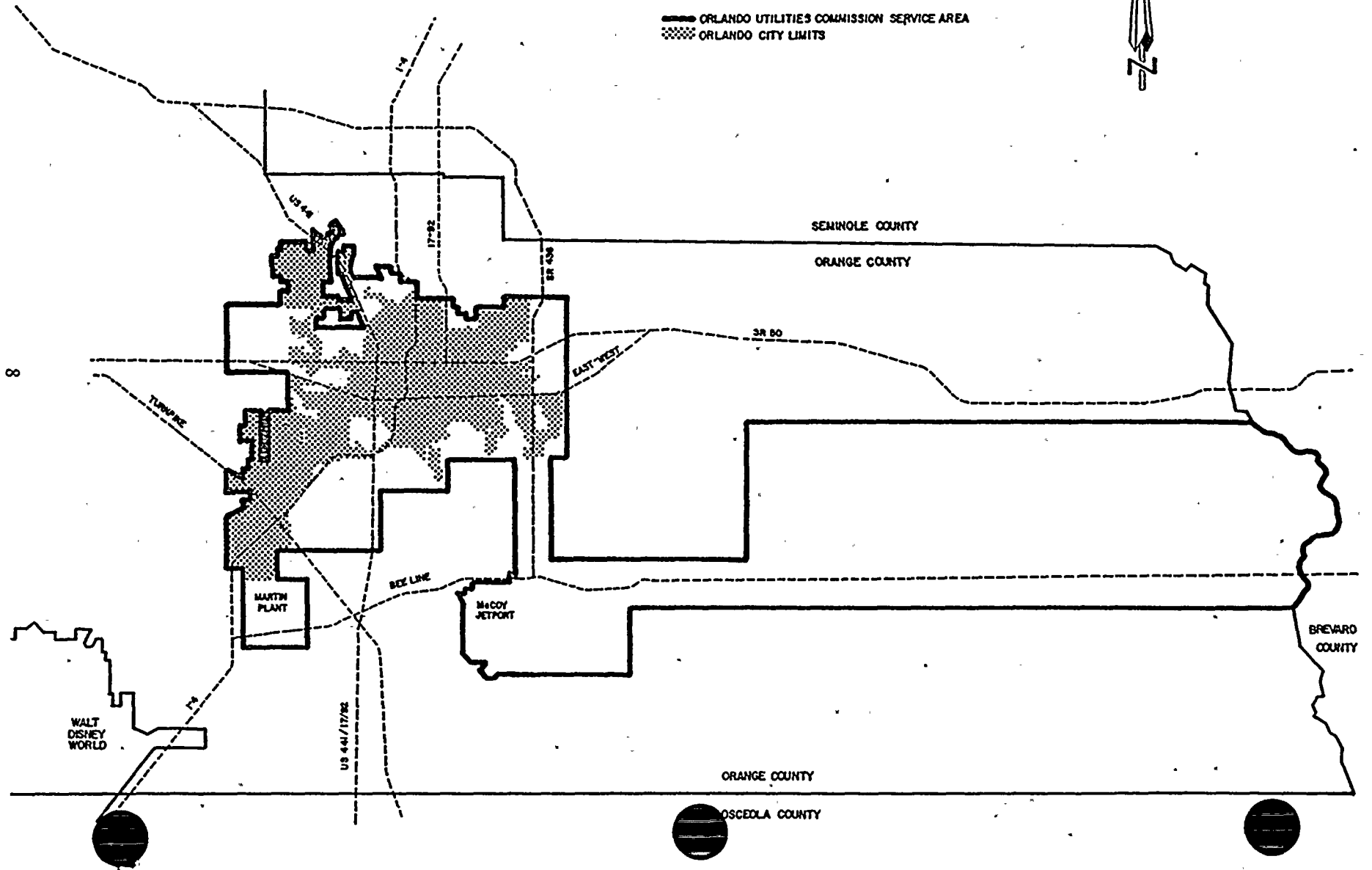
ORLANDO UTILITIES COMMISSION SERVICE AREA

POPULATION

ORANGE COUNTY 438,278

ORLANDO UTILITIES COMMISSION SERVICE AREA 206,791

- ORLANDO UTILITIES COMMISSION SERVICE AREA
- ORLANDO CITY LIMITS



The boilers of the Commission burn either natural gas or number 6 fuel oil and number 2 fuel oil for flame stabilization. The boilers will operate under any combination of these fuels. The natural gas is supplied under a contract with the Florida Gas Transmission Company which expires in 1985. The number 6 fuel oil is supplied by the Belcher Oil Company under a five-year contract which commenced April 1, 1975. Belcher Oil Company purchases the oil from both domestic and foreign refineries. The Commission has 382,000 barrels of storage capacity located at the plant sites. Additionally, the Commission owns a 325,000 barrel oil storage tank located on property leased for 50 years commencing May 27, 1973, from the Canaveral Port Authority located at Port Canaveral, Florida. In addition to the tank, the Commission owns dock facilities which allow the transfer of oil to or from the storage tank. Oil is received at the harbor in tanker cargo quantities, transferred into the storage tank and then trans-shipped via barges on the intracoastal waterway to the Indian River Plant where barge unloading facilities are owned by the Commission. The Commission leases to the oil supplier for the duration of the supply contract the deepwater terminal facilities located at Port Canaveral. This arrangement provides a turn-key contract whereby the supplier has the total responsibility up to the point of delivery at the Indian River Plant site and minimizes the Commission's risks for oil spill claims. A condition of the lease is that the oil in storage at the terminal is for the exclusive use of the Commission. In 1978, the combined storage of approximately 707,000 barrels provides the Commission with an inventory of from 50-80 burn days, depending upon seasonal load variations.

The Commission has received varying amounts of natural gas in recent years to meet a portion of its fuel requirements. The Florida Gas Transmission Company supplies this form of energy and in 1978 28% of the total electric energy requirements came from this source. Deliveries of natural gas to the Commission in 1978 amounted to 8,735,000 million BTU's as compared to 20,978,000 million BTU's of number 6 fuel oil, 52,523 million BTU's of number 2 fuel oil and 436,000 million BTU's of nuclear fuel. This represents a significant decrease in the supply of natural gas since 1973 when this type of energy supplied over 50% of the total energy requirements of the Commission. Because of the uncertainty of natural gas deliveries in future periods, the projection of revenues, expenses and operations for future years as developed by Commission staff in conjunction with the Consulting Engineers are based on the assumption that no natural gas will be available to the Commission. The favorable ratios of revenues to expenses and net revenues to debt service in these projections as compared to historical data are indicative of the Commission's non-reliance upon natural gas as a future energy source.

Rates

The Orlando Utilities Commission staff annually conducts an economic study of the most recent fiscal year to assess the adequacy of its electric and water revenues to meet its anticipated revenue requirements for the subsequent year.

This study for the fiscal year ending September 30, 1978, was completed in July 1979, reviewed by Ernst & Whinney for correctness and accepted by the Commission on July 17, 1979. A public rate hearing is scheduled to be held in August 1979, at which time the Commission is expected to approve the study recommendations.

The July study recommends an increase of \$146,000 in water revenues and a reduction of \$1,423,000 in electric revenues. The electric reductions were made possible due to extensive bulk power sales to other electric utilities. These sales are anticipated to continue through September 1980.

Projected revenues included in this Official Statement include anticipated rate adjustments necessary to meet revenue requirements in subsequent years.

Electric Rates

The present schedule of electric rates of the Commission are considered to be generally competitive with those of other similar utilities in the State of Florida. As a result of the Commission's annual rate adequacy review, the Commission on May 10, 1977 approved a \$3 million annual rate increase for electric service (4.46% above 1976 electric revenues) which became effective September 1, 1977. This increase is partially offset by a reduction in fuel adjustment charges which has been made possible in part due to the Commission's participation in the Crystal River No. 3 Nuclear Plant. The net effect on typical electric billings for Orlando residential customers as set forth below is less than \$1.00 per 1,000 kwh per month.

Electric Rates—Residential Customers
(Subject to additional cost for fuel adjustment)

Rate Designation	KWH Consumption				
	200	500	1,000	1,500	2,000
Inside City.....	\$9.27	\$20.18	\$37.72	\$54.59	\$71.47
Outside City.....	9.93	21.53	40.15	58.04	75.94

Electric Rate Comparison-Residential Customers
Month of April 1979
(Fuel adjustment charge included)

	<u>500 KWH</u>	<u>1,000 KWH</u>	<u>1,500 KWH</u>	<u>2,000 KWH</u>
Jacksonville.....	\$27.00	\$49.88	\$71.88	\$93.13
Lakeland (inside city).....	23.99	45.51	67.03	88.55
ORLANDO (inside city).....	19.34	36.03	52.05	68.09
Tampa Electric Company	27.36	50.42	72.91	95.39
Florida Power Corp.....	24.76	46.11	66.73	87.33
Florida Power & Light Company	22.20	42.46	64.15	85.83
Gainesville	23.70	44.04	64.38	84.72
Tallahassee	23.37	44.73	66.10	87.46

Electric System Requirements

The demand for electric energy in the Orlando area generally reaches its peak during the month of August of each year. The monthly low peak usually occurs in March. The table on page 11 shows for the Commission Electric System the net integrated peaks in megawatts for the past five years and the projected peaks through 1987. The present net generating capacity for short duration periods is 760 megawatts during the winter months and 742 megawatts during the summer months. These amounts include 13 megawatts of nuclear generating capacity which became available to the Commission on March 13, 1977 because of its participation in the ownership of the Crystal River No. 3 Nuclear Plant.

Annual electric energy sales, expressed in gigawatt hours, as presently projected by the Commission staff, reflect an average annual growth rate of approximately 4.5% (see table on page 11). Electric energy from the Crystal River No. 3 Nuclear Plant will provide approximately 70 gigawatt hours per year of this requirement. Prior to 1974, due to the rapid growth of the Orlando area coupled with increased per capita consumption, the average annual growth rate for the Commission had been approximately 10%. The recession that occurred after 1974 was accompanied by a substantial increase in fuel costs. The average annual growth rate since 1974 has leveled off at approximately 4.7%.

Water Properties and Operations

The Commission also provides water for the City of Orlando and outlying areas. An abundant water supply, obtained from 23 deep wells, is treated, stored, and pumped from eight interconnected plants. Due to the high quality of the well water, the only treatment needed is that of aeration and chlorination. The transmission and distribution system and storage facilities provide excellent water pressures and reliable service. These factors contribute directly to the City's Class 3 Fire Rating.

Water Rates

On May 10, 1977 the Commission adopted a new schedule of water rates which became effective on July 1, 1977. The minimum bill inside the City is \$1.85 for the first 1,000 gallons and outside the City the minimum bill for the first 1,000 gallons is \$2.54. The new water rates for additional service are as follows:

	<u>Next 99,000 gals.</u>	<u>All over 100,000 gals.</u>
Inside City per 1,000 gal.	44¢	37¢
Outside City per 1,000 gal.....	60¢	50¢

These new rates are expected to increase water revenues by \$328,000 per year or an average increase of 4.3% annually over 1976 water revenues.

Customers

The retail sale of electric energy during 1978 was up approximately 6.2% over the previous year (see table on page 11). Both the electric and water systems have enjoyed consistent increases in the number of

connections over the past years. The following table shows the number of active accounts for both systems as of December 31 for the years 1974 through 1978 and as of March 31, 1979.

<u>Date</u>	<u>Electric Customers (active)</u>	<u>Water Customers (active)</u>
12/31/74	71,863	59,316
12/31/75	74,510	59,593
12/31/76	77,017	60,267
12/31/77	79,922	61,471
12/31/78	82,258	63,302
3/31/79	82,610	63,723

Thirty-two electric customers out of the total 82,610 account for 6.1% of the total electric revenues. The largest of these (the U.S. Navy Base) accounts for 2.4% of this total. The next largest user of electric energy (the Martin Company) accounts for 1.8% of the total electric revenues.

Customer Billing Procedures

Meters are scheduled for monthly readings with the actual reading taking place approximately five days before billing. A period of approximately 30 days is maintained for each billing period. The period between meter reading and billing is used to follow up on items such as: dirty dial, unable to read, and meter flooded, reported by the meter reader on his meter reading card.

Bills are prepared on a 20 cycle basis each month. Bills are due and payable upon receipt and become past due on the date indicated on each bill. The past due date is approximately 20 days after the date of mailing the bill. Past due notices are prepared for mailing the day following the past due date if there is an unpaid amount due. The notice indicates service will be discontinued within three working days if the past due amount is not paid. Actual disconnection of the service takes place five days after the notice is mailed if the account is still unpaid.

The Commission's Credit Section reviews all accounts scheduled for disconnect prior to the actual cut-off taking place.

A sample calendar of events for meter reading through enforced collection is as follows:

Meter reading date	August 1
Billing date	August 8
Mailing date of bill	August 9
Past due date on bill	August 29
Mailing of Past Due Notice	August 31
Final day for payment on notice	September 3
Date service is discontinued	September 5

Past due notices are mailed to customers when their unpaid balance exceeds \$10, unless they meet one of the following conditions: one, they have a deposit on file that is more than double the unpaid amount due; or two, they have received no past due notices within the past 12 consecutive months.

Regulation

Historically, municipal utilities such as the Commission have not been subject to state regulation except for situations involving environmental concerns, the principal regulating body now being designated the Department of Environmental Regulation. In 1974, however, the Legislature enacted a statute which confers jurisdiction in the Florida Public Service Commission to regulate "rate structures" of municipal utilities. It is felt by counsel that this is clearly distinguishable from the total amount of revenues which a particular utility may receive from rates, and that distinction has thus far been carefully made by the Florida Public Service Commission. Currently, the Florida Public Service Commission is conducting a docket, the purpose of which is to delineate just exactly what type of controls and procedures it will seek to impose under the new jurisdictional authority.

Existing and proposed interconnection agreements with investor-owned utilities are subject to the review and approval of the Federal Energy Regulatory Commission.

The Environmental Protection Agency has issued a permit for the Commission's Indian River electric generating plant which may in effect require the Commission to provide an off-stream cooling water system for such plant by the mid-1980's in the event that a proposed ecological study shows that, in the opinion of the Agency, the present cooling system is doing substantial damage to the ecological system of the adjacent portion of the Indian River. The cost to the Commission of such study is estimated to be \$800,000. The final determination of the Agency is appealable to the courts. If construction of offstream cooling facilities were begun now, it is estimated that it would cost approximately \$21,000,000.

Future Capital Needs of the Electric and Water Systems

The Commission anticipates capital additions to its electric and water systems of approximately \$114 million through the years 1979-1981. The Commission estimates \$16 million of those additions will be funded internally, and the remaining \$98 million funded with additional debt. This present issue is a portion of that total \$98 million requirement, and the schedules on page 13 reflect that the Commission will have ample revenue available to cover the additional debt service.

Pension Plan

The Commission has a pension plan covering all eligible employees. The total pension expense for the years 1978 and 1977 was \$1,390,132 and \$1,317,039, respectively, which includes amortization of past service costs over a period of approximately 30 years. The funding method used is the entry age normal with the initial unfunded accrued liability frozen. Funding is by a deposit administration contract. As of September 1, 1978, the anniversary date of the plan, the pension fund assets exceeded the actuarially computed value of vested benefits.

Financial Statements

The Financial Statements for the Commission as of September 30, 1978 are attached hereto as Appendix "A" and are an integral part of this Official Statement.

ORLANDO UTILITIES COMMISSION ELECTRICAL SYSTEM REQUIREMENTS

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
NET 60 MINUTE INTEGRATED DEMAND—MW															
January	248	345	410	468	430	454	468	496	525	554	585	616	650	684	721
February	365	272	340	409	427	429	427	447	468	489	510	532	556	579	604
March	275	311	288	328	340	313	379	396	415	434	453	472	493	514	536
April	312	336	314	325	325	335	412	431	451	471	492	514	536	559	583
May	366	369	331	349	389	432	453	474	496	518	541	565	589	614	641
June	370	377	353	435	431	462	483	506	530	554	578	603	630	656	685
July	379	362	406	411	411	471	493	517	541	565	590	616	643	670	699
August	376	385	385	394	433	486	509	533	558	583	609	635	663	691	721
September	376	365	384	407	413	472	494	517	542	566	591	617	644	671	700
October	294	338	334	341	361	421	441	462	484	506	528	551	575	599	625
November	280	319	406	275	311	414	434	454	475	497	519	541	565	589	614
December	334	370	379	389	339	419	439	460	481	503	525	548	572	596	622
ANNUAL ENERGY REQUIREMENTS—GWH—EXCLUDING SALES FOR RESALE															
Gross	1914	1986	2028	2159	2301	2412	2529	2647	2768	2896	3024	3154	3293	3432	3577
Net	1787	1866	1917	2055	2194	2299	2410	2523	2638	2760	2882	3006	3138	3271	3409
Sales	1702	1762	1827	1940	2062	2161	2265	2372	2480	2594	2709	2826	2950	3075	3204
GENERATING CAPACITY—MW (Net, Short Duration)															
Winter	= IRP		621	Summer	= IRP		612								
	LHPST		93		LHPST		90								
	LHPGT		32		LHPGT		26								
	LH Diesel		1		LH Diesel		1								
	CRP 3		13		CRP 3		13								
			<u>760</u>				<u>742</u>								

Historical Data—Through and Including April, 1979

Net Instantaneous Demand = 1.01019 (Net Integrated Demand)

Source: Orlando Utilities Commission

ORLANDO UTILITIES COMMISSION WATER AND ELECTRIC SYSTEM
HISTORICAL OPERATING DATA
(000'S Omitted)

	Year Ended December 31,		Year Ended September 30,			Six Months Ended March 31,	
	1974	1975	1976(3)	1977	1978	1978	1979
Sources of Revenue							
Electric Operating Revenue.....	\$74,191	\$81,478	\$80,254	\$82,228	\$88,289	\$39,140	\$45,585
Water Operating Revenue.....	5,492	6,705	7,447	8,091	8,360	3,808	4,263
Total Operating Revenue.....	79,683	88,183	87,701	90,319	96,649	42,948	49,848
Interest & Other Income.....	1,615	1,573	1,765	2,215	3,104	1,484	1,923
Gross Revenue and Income.....	81,298	89,756	89,466	92,534	99,753	44,432	51,771
Expenditures							
Electrical Operating Expenses (1).....	\$53,322	\$59,959	\$58,891	\$61,638	\$65,566	\$27,651	\$33,538
Water Operating Expenses (1).....	2,930	3,462	3,428	4,056	4,350	2,062	2,270
Total Operating Expenses (1).....	56,252	63,421	62,319	65,694	69,916	29,713	35,808
Other Expense (1).....	256	477	169	310	346	174	179
Total Expense (1).....	56,508	63,898	62,488	66,004	70,262	29,887	35,987
Net Revenue and Income (1)(2).....	24,790	25,858	26,978	26,530	29,491	14,545	15,784
Current Debt Service							
(Principal & Interest).....	7,599	8,116	8,653	8,877	9,810	4,737	4,773
Debt Service Coverage.....	3.26x	3.19x	3.12x	2.99x	3.01x	3.07x	3.31x
Distribution of Net Revenues After Debt Service Payments							
Renewal & Replacement Requirement Per Bond Resolution	\$ 4,247	\$ 7,968	\$ 8,818	\$ 8,770	\$ 6,289	\$ 4,516	\$ 3,614
Transfers to City							
General Funds and payments to Orange County.....	6,893	7,961	8,105	7,615	9,120	4,347	4,501
Balance Available for Additional OUC Plant Improvements Over & Above Those Monies Spent Through Renewal & Replacement.....	6,051	1,813	1,402	1,268	4,272	945	2,896

(1) Excludes transfers to the General Funds of the City of Orlando and payments to Orange County.

(2) Net Available for Debt Service

(3) In 1976 the Commission changed its fiscal year to September 30.

Source: Orlando Utilities Commission

**ORLANDO UTILITIES COMMISSION WATER AND ELECTRIC SYSTEM
PROJECTED OPERATING DATA**

The following information sets forth projected revenues and expenditures of the Commission giving effect to (1) the sale of \$115,000,000 principal amount of the remaining authorized but unissued Bonds for the purpose of funding a portion of the cost of the Joint Ownership Project and (2) the increased revenues and expenditures resulting from such project.

	(000 Omitted)				
	Year ended September 30,				
	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
Sources of Revenue					
Electric Operating Revenue.....	\$103,631	\$109,891	\$117,746	\$140,857	\$144,089
Water Operating Revenue.....	8,771	9,350	9,888	10,350	11,092
Total Operating Revenue.....	112,402	119,241	127,634	151,207	155,181
Interest & Other Income.....	1,993	2,646	2,433	2,110	2,226
Gross Revenue and Income.....	114,395	121,887	130,067	153,317	157,407
Expenditures					
Electric Operating Expenses.....	\$ 75,009	\$ 78,754	\$ 83,663	\$101,148	\$102,881
Water Operating Expenses.....	3,067	3,237	3,510	3,757	3,975
Other Operating Expenses.....	7,724	8,183	9,073	10,014	10,868
Total Operating Expenses.....	85,800	90,174	96,246	114,919	117,724
Net Revenue & Income.....	28,595	31,713	33,821	38,398	39,683
Estimated Current Debt Service(1).....	10,010	14,698	14,695	14,698	14,704
Estimated Current Debt Service Coverage.....	2.86x	2.16x	2.30x	2.61x	2.70x
Estimated Maximum Debt Service Coverage(1)(2).....	1.83x	2.02x	2.16x	2.45x	2.53x
Balance Available for Renewal and Replacement Requirements, Transfers to City General Fund and Additional Improvements.....	\$ 18,585	\$ 17,015	\$ 19,126	\$ 23,700	\$ 24,979

(1) Debt service reflects a credit given with respect to projected and estimated investment income earned on monies and investments on deposit in the Investment Account and the Debt Service Reserve Account.

(2) Estimated Maximum Annual Debt Service on the Refunding Bonds, the 1978A Improvement Bonds and the Pari Passu Additional Bonds is estimated at \$15,663,837.

The foregoing projections have been compiled by the Commission and reviewed and approved by the Consulting Engineers. The annual supplemental transfer of monies to the City of Orlando General Fund and the annual payment to Orange County have not been reflected as expenses in the calculation of Net Revenue and Income.

TEN-YEAR CONDENSED BALANCE SHEET
ORLANDO UTILITIES COMMISSION
(000 Omitted)

Assets	December 31,							September 30,**		
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Utility Plant										
In service-depreciated value	\$ 89,779	\$ 91,402	\$ 94,164	\$103,544	\$108,353	\$167,195	\$170,730	\$167,008	\$170,682	\$168,505
Construction in progress	4,184	6,571	18,167	41,305	52,458	4,977	8,291	11,064	5,609	9,031
	93,963	97,973	112,331	144,849	160,811	172,172	179,021	178,072	176,291	177,536
Restricted Funds										
Debt service funds.....	5,184	5,256	9,014	9,289	9,836	10,174	11,075	12,977	13,764	15,664
Construction and related funds...	4,717	2,784	40,030	13,712	14,856	7,472	7,205	9,894	19,781	18,403
Other.....	628	—	—	—	—	—	—	—	—	—
	10,529	8,040	49,044	23,001	24,692	17,646	18,280	22,871	33,545	34,067
Current Assets										
Cash.....	1,389	1,829	1,571	374	1,599	2,455	80	2,183	299	356
Marketable securities and special deposit.....	1,046	2,593	4,066	2,575	253	—	6,500	3,500	6,600	14,705
Accounts receivable, less allowance for doubtful accounts.....	2,516	3,051	2,906	3,322	3,930	6,528	7,656	4,706	6,548	8,382
Materials and supplies	1,961	2,162	2,006	2,542	4,263	7,360	6,065	6,891	6,912	5,810
Other current assets.....	340	328	451	779	840	1,047	1,535	3,539	6,190	4,224
	7,252	9,963	11,000	9,592	10,885	17,390	21,836	20,819	26,549	33,477
Other Assets.....	14	7	—	—	—	—	—	—	—	—
	<u>\$111,758</u>	<u>\$115,983</u>	<u>\$172,375</u>	<u>\$177,442</u>	<u>\$196,388</u>	<u>\$207,208</u>	<u>\$219,137</u>	<u>\$221,762</u>	<u>\$236,385</u>	<u>\$245,080</u>
Liabilities and Capitalization										
Accumulated Retained Earnings....	\$ 50,162	\$ 55,722	\$ 61,317	\$ 66,872	\$ 72,565	\$ 79,020	\$ 84,793	\$ 89,948	\$ 96,010	\$115,904
Contribution-in-aid of Const.	—	—	—	—	—	1,944	2,787	3,118	3,742	4,515
Long-Term Debt										
Water and electric revenue bonds, less unamortized discount	58,154	56,359	106,891	104,915	117,517	115,076	121,952	118,949	125,529	110,330
TOTAL CAPITALIZATION.....	108,316	112,081	168,208	171,787	190,082	196,040	209,532	212,015	225,281	230,749
Current Liabilities (excluding current maturities of long-term debt)										
Notes payable—bank.....	—	—	—	—	—	3,000	2,250	—	—	—
Accounts payable and accrued expenses.....	1,446	1,423	1,654	1,930	2,804	4,354	2,336	4,817	2,578	3,800
Utility plant construction contracts.....	115	258	84	524	149	16	197	289	23	17
Customers' meter deposits and other current liabilities	1,256	1,543	1,562	1,822	1,764	2,089	3,264	2,777	6,555	8,127
Other Liabilities										
Customers' water and electric line extension deposits.....	625	678	867	1,379	1,589	1,709	1,558	1,864	1,948	2,387
Commitments*	—	—	—	—	—	—	—	—	—	—
	<u>\$111,758</u>	<u>\$115,983</u>	<u>\$172,375</u>	<u>\$177,442</u>	<u>\$196,388</u>	<u>\$207,208</u>	<u>\$219,137</u>	<u>\$221,762</u>	<u>\$236,385</u>	<u>\$245,080</u>

* See Footnotes on following page

** Because of statutory requirements, the OUC changed its fiscal year from December 31 to September 30, in 1976.

Source: Orlando Utilities Commission

Footnotes to Ten-Year Balance Sheet—By resolution, the Commission, on July 12, 1955 appropriated \$180,000 annually for a period of 26 years commencing April 1, 1955; for the retirement of the Sewer Revenue Bonds of the City of Orlando dated April 1, 1955 in the amount of \$5,438,000. By an agreement between the City and the Commission, the Commission may offset this contribution against the City of Orlando utilities tax. The agreement whereby the Commission pledges \$180,000 of its revenues annually has become a part of the agreement between the City of Orlando and the bondholders and, therefore, it is a contingent liability ranking junior only to obligations of the Commission to the holders of the Refunding Bonds and the 1978A Improvement Bonds being offered hereby or any Pari Passu Additional Bonds. This liability becomes real only if the utilities tax is inadequate and thereafter the City fails to reimburse the Commission from other utility tax revenues and also fails to levy the sewer tax as required.

On December 22, 1969, the Commission pledged \$480,000 of its annual revenues in connection with the issuance by the City of \$5,500,000 Improvement Revenue Bonds. This pledge is for a period of 22 years from the date of issuance by the City of the Improvement Revenue Bonds or such longer period as shall be required to pay and retire all principal and interest on said bonds. This lien on the revenues derived from the Utilities shall be junior and subordinate to the lien of the holders of the Refunding Bonds and the 1978A Improvement Bonds being offered hereby or any Pari Passu Additional Bonds but shall be prior and superior to any lien, pledge or encumbrance hereafter made of such revenues for any purposes other than the Refunding Bonds and the 1978A Improvement Bonds being offered hereby, any Pari Passu Additional Bonds hereafter issued by the Commission for water or electric purposes, and the annual Sewer Revenue Bond payment, as described above.

During 1978, authoritative accounting principles required a change in the manner of reporting Contributions in aid of Construction. Amounts formerly reported as a reduction of plant investment are reclassified as contributed equity.

SUMMARY OF CERTAIN PROVISIONS OF THE RESOLUTION

The following statements are brief summaries of certain provisions of the Resolution. These summaries do not purport to be complete and reference is made to the Resolution for a full and complete statement of such provisions (a copy of the Resolution appears herein as Appendix "E"). Certain capitalized words and terms used in this summary are defined in the Resolution and have the same meaning herein as therein used unless the context requires some other meaning.

Creation of Funds and Flow of Funds. The Resolution creates and establishes the following funds and accounts:

The "Water and Electric System Revenue Fund".

The "Water and Electric Sinking Fund" and five (5) separate accounts in said Sinking Fund to be known as the "Interest Account", the "Principal Account", the "Investment Account", the "Bond Redemption Account", and the "Debt Service Reserve Account".

The "Water and Electric Renewal and Replacement Account".

In accordance with the Resolution, revenues derived from the operation of the Water and Electric System are to be deposited in the "Water and Electric Revenue Fund" and shall be applied in the following order:

1. Revenues are to be used to pay the current Operating Expenses of the Water and Electric System.
2. Revenues are next to be used, to the full extent necessary, for deposit into the Interest Account in the Sinking Fund, on the fifteenth (15th) day of each month, such sums as shall be sufficient to pay one-sixth of the interest becoming due on the Bonds on the next semi-annual interest payment date, provided, however, that such monthly deposits for interest shall not be required to be made into the Interest Account to the extent monies are deposited in the Interest Account from the proceeds of the Bonds.

Any monies that are deposited in the Interest Account from the earnings and investment income derived from the monies and investments on deposit in the Debt Service Reserve Account and the Investment Account shall be credited against the amount of Revenues required to be deposited in the Interest Account and such Revenues shall not be required to be deposited into the Interest Account as long as the amount on deposit therein is equal to or greater than the amount required to be on deposit in the Interest Account at the time of such computation.

3. Revenues are next to be used, to the full extent necessary,

(a) for deposit in the Principal Account on the fifteenth (15th) day of each month in each year, in such amounts as may be required for the payment of the principal amount of the Serial Bonds which will mature and become due on such annual maturity dates.

(b) for deposit in the Investment Account on the fifteenth (15th) day of each month in each year, as may be required for the payment or redemption of the Term Bonds payable from the Investment Account. Any interest or investment income derived from the Investment Account Securities retained in the Investment Account, shall be credited against the amount of Revenues required to be deposited into the Investment Account.

The monies deposited in the Investment Account for the Term Bonds payable therefrom is to be applied to the purchase of the Investment Account Securities. The monies deposited in the Investment Account until applied to the purchase of Investment Account Securities may be invested in (i) direct obligations of the United States of America, (ii) obligations fully guaranteed by the United States of America, or (iii) Certificates of Deposit or Repurchase Agreements continuously and fully secured by (i) or (ii) above or the Federal Deposit Insurance Corporation, which mature prior to the date that such monies shall be required for the purposes of the Investment Account.

In the event that any of the Investment Account Securities shall be called for redemption in accordance with their terms, the monies resulting therefrom may be retained in the Investment Account and may be reinvested in Investment Account Securities. Such monies or Investment Account Securities may be applied at the option of the Commission for the purchase or redemption of the Term Bonds payable from the Investment Account or the payment of said Term Bonds at maturity.

The Investment Account Securities shall be held in trust by a bank or trust company pursuant to an agreement entered into by and between the Commission and said bank or trust company and shall be pledged and applied solely to the payment of the principal of the Term Bonds at maturity or to their payment upon the prior redemption thereof.

All interest or investment income derived from all monies and investments on deposit in the Investment Account is to remain in and become a part of the Investment Account and such interest or investment income is to be used as received and credited against the amount of Revenues required to be deposited in the Investment Account. Until applied for the purchase of Investment Account Securities all interest or investment income may be invested as provided above. When there is on deposit in the Investment Account a sufficient principal amount of Investment Account Securities together with any other funds on deposit in the Investment Account to pay the principal of the Term Bonds payable therefrom no further deposits into said Investment Account are necessary. Thereafter all interest or investment income derived from the Investment Account Securities is to be deposited in the Interest Account and used for the purposes thereof.

Such interest or investment income derived from all monies and investments on deposit in the Investment Account shall be pledged to the purchase of Investment Account Securities until there is on deposit in the Investment Account a sufficient principal amount of Investment Account Securities together with any other funds on deposit in the Investment Account to pay the principal of the Term Bonds payable therefrom.

(c) for deposit into the Bond Redemption Account on the fifteenth (15th) day of each month in each year, beginning on such date, in such amounts and in each year as may be required for the payment of the Term Bonds payable from the Bond Redemption Account.

The monies in the Bond Redemption Account are to be used at the option of the Commission for the purchase or redemption of the Term Bonds payable therefrom or such monies or investments may be retained in the Bond Redemption Account, invested and reinvested as provided herein and applied to the payment of said Term Bonds prior to or at their maturity. The Commission may at any time purchase any of said Term Bonds at prices not greater than the then redemption price of said Term Bonds. If the Term Bonds are not then redeemable prior to maturity, the Commission may purchase said Term Bonds at prices not greater than the redemption price of such Term Bonds on the next ensuing redemption date.

The Resolution provides that no distinction or preference is to exist in the use of the monies on deposit in the Revenue Fund for payment into the Interest Account, the Principal Account, the Investment Account and the Bond Redemption Account, such accounts being on a parity with each other.

4. Revenues are next to be used, to the full extent necessary, for deposits into the Debt Service Reserve Account on the fifteenth (15th) day of each month in each year, such sums as will be sufficient to pay an amount equal to one-twelfth of twenty percent (1/12th of 20%) of the Maximum Annual Debt Service; provided, however, that no payments are required to be made into said Debt Service Reserve Account whenever and as long as the amount deposited therein is equal to the Maximum Annual Debt Service.

There shall be initially deposited in the Debt Service Reserve Account, from the proceeds derived from the sale of the Bonds and the monies and securities transferred from the debt service reserve accounts created and established for the Outstanding Obligations, an amount equal to the Maximum Annual Debt Service on the Bonds.

Monies in the Debt Service Reserve Account are to be used only for the purpose of making payments into the Interest Account, Principal Account, Bond Redemption Account and Investment Account when the monies in the Revenue Fund are insufficient therefor.

In the event that any monies shall be withdrawn from the Debt Service Reserve Account for payments into the Interest Account, Principal Account, Bond Redemption Account and the Investment Account such withdrawals shall be subsequently restored from the first Revenues or funds available after all required payments have been made into such Accounts, including any deficiencies for prior payments.

Any monies in the Debt Service Reserve Account in excess of the Maximum Annual Debt Service for the Bonds and any Pari Passu Additional Bonds may be transferred to and deposited in the Renewal and Replacement Fund and used as provided herein for said fund.

5. Revenues are next to be used for the payment of any subordinated obligations issued by the Commission in accordance with the Resolution; provided, however, such subordinated obligations are to be paid only after payment of the Transfers of Funds.

6. Revenues are next to be used, to the full extent necessary, for deposits in the Renewal and Replacement Fund on the fifteenth (15th) day of each month, such sums as shall be sufficient to pay one-twelfth (1/12th) of fifteen per centum (15%) of the Revenues derived from the Water and Electric System during the preceding Fiscal Year, after deducting from such Revenues a sum equal to one hundred per centum (100%) of the fuel expense and energy component of purchased power expenses incurred during such Fiscal Year. No further payments are required to be made into the Renewal and Replacement Fund when there shall have been deposited therein, an amount at least equal to fifteen per centum (15%) of the Gross Revenues derived from the Water and Electric System for the preceding Fiscal Year, after deducting from such Gross Revenues a sum equal to one hundred per centum (100%) of the fuel expense and energy component of purchased power expenses incurred during such Fiscal Year, provided, however, that (i) such required amounts for deposit may be increased or decreased as the Consulting Engineer shall certify is necessary for the purpose of the Renewal and Replacement Fund, and (ii) in the event that the Consulting Engineer shall certify that the amounts on deposit are excessive for the purposes of the Renewal and Replacement Fund such excess may be withdrawn from the Renewal and Replacement Fund by the Commission and used for any lawful purpose in connection with the Water and Electric System.

The monies in the Renewal and Replacement Fund are to be used, when necessary, for the purpose of paying the costs of extensions, improvements or additions to, or the replacement or renewal of capital assets of the Water and Electric System, or extraordinary repairs of the Water and Electric System. The monies in the Renewal and Replacement Fund are also to be used for payment into the Interest Account, Principal Account, Investment Account and Bond Redemption Account when the monies in the Revenue Fund and Debt Service Reserve Account are insufficient therefor.

The Resolution provides that there shall be initially deposited into the Renewal and Replacement Fund all monies and securities on deposit in the renewal and replacement funds created and established by the proceedings which authorized the issuance of the Outstanding Obligations and such amounts are to be credited against the amount required to be deposited in the Renewal and Replacement Fund, as provided in this resolution.

7. Thereafter, the balance of any Revenues remaining in said Revenue Fund shall be used (i) to make any Transfers of Funds, and (ii) for any lawful purpose in connection with the Water and Electric System; provided, however, that none of such Revenues is to be used for the purposes described in (i) and (ii) of this paragraph unless all payments required in paragraphs (1) to (6) above, including any deficiencies for prior payments, have been made in full to the date of such use, and the Commission shall have fully complied with all covenants and agreements contained in the Resolution.

8. Monies on deposit in the Revenue Fund, Interest Account, Principal Account and in the Bond Redemption Account may be invested (i) in direct obligations of the United States of America (ii) in obligations fully guaranteed by the United States, (iii) in Certificates of Deposit or Repurchase Agreements continuously and fully secured by (i) or (ii) above or insured by the Federal Deposit Insurance Corporation, maturing not later than the dates on which such monies will be needed for the purposes of such fund or account, or (iv) such other obligations as are permitted by the applicable laws of the State of Florida.

Monies on deposit in the Debt Service Reserve Account may be invested (i) in direct obligations of the United States of America, or (ii) in obligations fully guaranteed by the United States of America, maturing not later than the final maturity of any of the Bonds.

Monies on deposit in the Renewal and Replacement Fund may be invested (i) in direct obligations of the United States of America, (ii) in obligations fully guaranteed by the United States of America, (iii) in Certificates of Deposit or Repurchase Agreements continuously and fully secured by (i) or (ii) above or insured by the Federal Deposit Insurance Corporation, or (iv) in such other obligations as are permitted by the applicable laws of the State of Florida, which mature within five (5) years from the time of such investment.

All income and earnings received from the investment and reinvestment of monies on deposit in the Interest Account, Principal Account, Bond Redemption Account and Renewal and Replacement Fund are to be transferred on the next business day following their receipt to the Revenue Fund and used in the same manner and order of priority as other monies on deposit therein.

All income and earnings received from the investment and reinvestment of monies on deposit in the Investment Account are to remain on deposit therein until the maximum amount required to be on deposit in said Investment Account is on deposit therein. Thereafter such income and earnings are to be transferred on the next business day following their receipt to the Interest Account.

All income and earnings received from the investment and reinvestment of monies on deposit in the Debt Service Reserve Account are to be transferred on the next business day following their receipt to the Interest Account.

Issuance of Pari Passu Additional Bonds. The Commission may issue Pari Passu Additional Bonds for the purpose of financing the cost of construction of additions, extensions, and improvements to or construction of revenue producing utilities within the operation, maintenance and control or jurisdiction of

the Commission, either alone or jointly with other persons, public bodies or private bodies, or the cost of acquisition of revenue producing utilities to be, when acquired, within the operation, maintenance and control or jurisdiction of the Commission, either alone or jointly with other persons, public bodies or private bodies or for the purpose of refunding outstanding Bonds issued pursuant to this Resolution. Demand Charge Components are deemed to be Pari Passu Additional Bonds for purposes of the Resolution if the conditions for the issuance of Pari Passu Additional Bonds are met at the time of incurrence with respect to the incurring of such Demand Charge Components.

Pari Passu Additional Bonds shall be issued payable from the Revenues of the Water and Electric System pari passu with Bonds originally authorized and issued pursuant to the Resolution; except, however, that such Pari Passu Additional Bonds are not secured by or payable from the monies and investments on deposit in the Investment Account. The authorized but unissued \$75,000,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, if issued, shall be issued under the same conditions and terms as Pari Passu Additional Bonds.

No such Pari Passu Additional Bonds are to be issued unless the following, among other conditions, are complied with:

(1) The Commission must be current in all deposits into the various funds and accounts and all payments theretofore required to have been deposited or made by it under the provisions of the Resolution and have complied with the covenants and provisions of the Resolution and any supplemental resolutions hereafter adopted for the issuance of Pari Passu Additional Bonds.

(2) The amount of the Net Revenues, as adjusted, during the immediate preceding Fiscal Year or any twelve (12) consecutive months selected by the Commission of the fifteen (15) months immediately preceding the issuance of said Pari Passu Additional Bonds, as certified by the Consulting Engineer, will be equal to One Hundred Fifty per centum (150%) of the Maximum Annual Debt Service on outstanding Bonds and the Pari Passu Additional Bonds then proposed to be issued.

For the purpose of this summary the phrase "immediate preceding Fiscal Year or the twelve (12) consecutive months of the fifteen (15) months immediately preceding the issuance of said Pari Passu Additional Bonds" shall be sometimes referred to as "twelve (12) consecutive months".

The Net Revenues calculated pursuant to the foregoing subsection (2) may be adjusted, at the option of the Commission, as follows:

(a) If the Commission, prior to the issuance of the proposed Pari Passu Additional Bonds, shall have increased the rates, fees, rentals or other charges for the services of the Water and Electric System, the Net Revenues for the twelve (12) consecutive months immediately preceding the issuance of said Pari Passu Additional Bonds, shall be adjusted to show the Net Revenues which would have been derived from said Water and Electric System in such twelve (12) consecutive months as if such increased rates, fees, rentals or other charges for the services of said Water and Electric Systems had been in effect during all of such twelve (12) consecutive months:

(b) If the Commission shall have acquired or has contracted to acquire any privately or publicly owned existing water system or electric system, the cost of which shall be paid from all or part of the proceeds of the issuance of the proposed Pari Passu Additional Bonds, then the Net Revenues derived from the Water and Electric System during the twelve (12) consecutive months immediately preceding the issuance of said Pari Passu Additional Bonds, shall be increased by adding to the Net Revenues for said twelve (12) consecutive months the Net Revenues which would have been derived from said existing water system or electric system as if such existing water system or electric system had been a part of the Water and Electric System during such twelve (12) consecutive months.

(c) If the Commission, in connection with the issuance of Pari Passu Additional Bonds, shall enter into a contract (with a duration not less than the final maturity of such Pari Passu Additional Bonds) with any public or private entity whereby the Commission agrees to furnish services in connection with any water system or electric system, then the Net Revenues of the Water and Electric

System during the twelve (12) consecutive months immediately preceding the issuance of said Pari Passu Additional Bonds shall be increased by the least amount which said public or private entity shall guarantee to pay in any one year for the furnishing of said services by the Commission, after deducting therefrom the proportion of operating expenses and repair, renewal and replacement cost attributable in such year to such services. Such payments shall be deemed to be Revenues derived from said Water and Electric System and pledged for the Bonds in the same manner as other Revenues derived from said Water and Electric System.

(d) If the Commission shall be constructing or acquiring additions, extensions or improvements to the Water and Electric System from the proceeds of such Pari Passu Additional Bonds and shall have established rates or charges to be charged and collected from users of such facilities when service is rendered, such Net Revenues may be adjusted by (i) adding thereto eighty per cent (80%) of the average annual Net Revenues estimated by the Consulting Engineer to be derived during the first three Fiscal Years of operation after completion of the construction or acquisition of said additions, extensions and improvements to the Water and Electric System, and (ii) dividing such total amount by two (2).

Insurance. That the Commission is required to carry such insurance as is required by the State of Florida or is ordinarily carried by private or public corporations owning and operating similar utilities as the Water and Electric System with a reputable insurance carrier or carriers, including public liability insurance and such other insurance against loss or damage by fire, explosion, hurricane, cyclone or other hazards and risks.

Books and Records. Any holder of a Bond or Bonds shall have the right at all reasonable times to inspect said Water and Electric System and all parts thereof, and all records, accounts and data of the Commission relating thereto.

The Commission is required to promptly after the close of each Fiscal Year cause the books, records and accounts of the Water and Electric System for such Fiscal Year to be properly audited by a qualified, recognized and nationally known independent firm of certified public accountants, and shall file the report of such certified public accountants in the office of the General Manager of the Commission and shall mail upon request, and make available generally, said report, or a reasonable summary thereof, to any holder or holders of Bonds issued pursuant to this resolution.

Operating Budget. That the Commission is required to annually prepare and adopt by proper proceedings of its governing body a detailed budget of the estimated expenditures for operation and maintenance of the Water and Electric System during the succeeding Fiscal Year. The Commission is required to mail copies of such annual budget and all resolutions authorizing increased expenditures for operation and maintenance to any holder or holders of Bonds who shall file his address with the Commission and request in writing that copies of all such budgets and resolutions be furnished him or them, and shall make available such budgets and all resolutions authorizing increased expenditures for operation and maintenance of the Water and Electric System at all reasonable times to any holder or holders of the Bonds.

Maintenance of the Water and Electric System. The Commission has covenanted to maintain the Water and Electric System in good condition and continuously operate the same in an efficient manner and at a reasonable cost as a revenue producing enterprise.

The Commission is also required, prior to the end of each Fiscal Year, to cause the Water and Electric System to be inspected by the Consulting Engineers, who are required to make a written report of such inspection and of the condition of the Water and Electric System and are required to file such annual report with the original purchasers of the Bonds and the Commission. The Commission is required to mail upon request, and make available generally, the report of said Consulting Engineers, or a reasonable summary thereof, to any holder of Bonds issued pursuant to the Resolution.

Services Rendered By The Commission. The Commission is prohibited under the Resolution from rendering any free services of any nature by its Water and Electric System or any part thereof, nor will any

preferential rates be established for users of the same class; and in the event the City, or any other political subdivision, public body, or any department, agency or instrumentality, officer or employee thereof, shall avail itself of the facilities or services provided by said Water and Electric System or any part thereof, the same rates, fees or charges applicable to other customers receiving like services under similar circumstances are required to be charged the City, or such other political subdivision, public body, or any such department, agency, instrumentality, officer or employee. Such provisions shall not be deemed in any way to apply to any reduced rates for any classification of users for services and facilities of the Water and Electric System in effect on the date of the adoption of the Resolution and shall be subject to any present or future applicable laws or regulations.

Enforcement of Collections. The Commission has covenanted that it will diligently enforce and collect all fees, rentals or other charges for the services and facilities of the Water and Electric System, and take all steps, actions and proceedings for the enforcement and collection of such fees, rentals or other charges which shall become delinquent to the full extent permitted or authorized by applicable laws and regulations.

No Competing System. Neither the Commission nor the City will grant any franchise, license or permit, or cause or permit the granting of any franchise, license or permit, to any firm, corporation, agency or body, public or private, or any person whatsoever, for the supplying of water and electric power within the corporate limits of the City in competition with the Water and Electric System, except as may now exist.

Discharge and Satisfaction. The covenants, liens and pledges entered into, created or imposed pursuant to the Resolution may be fully discharged and satisfied with respect to the Bonds in any one or more of the following ways:

(1) by paying the principal of and interest on Bonds when the same shall become due and payable; or

(2) by depositing in the Interest Account, Principal Account, Investment Account, and Bond Redemption Account and such other accounts monies sufficient at the time of such deposit to pay the Bonds, all appurtenant interest coupons and the redemption premium, if any, as the same become due on the Bonds on or prior to the redemption date or maturity date thereof; or

(3) by depositing in the Interest Account, Principal Account, Investment Account and Bond Redemption Account and such other accounts monies which when invested in direct obligations of the United States of America or obligations fully guaranteed by the United States of America or in time deposits in banks or trust companies fully secured by direct obligations of the United States of America or obligations that are fully guaranteed by the United States of America, will provide monies which shall be sufficient to pay the Bonds, all appurtenant interest coupons and the redemption premium, if any, as the same shall become due on the Bonds on or prior to their redemption date or maturity date thereof.

Modification or Amendment. No material modification or amendment of this resolution or of any resolution amendatory thereof or supplemental thereto, may be made without the consent in writing of the holders of two-thirds or more in principal amount of the Bonds then outstanding; provided, however, that no modification or amendment shall permit a change in the maturity of such Bonds or a reduction in the rate of interest thereon, or affect the unconditional promise of the Commission to fix, maintain and collect fees, rentals and other charges for the Water and Electric System or to pay the interest of and principal on the Bonds, as the same mature or become due, from the Revenues of the Water and Electric System, or reduce such percentage of holders of such Bonds required above for such modification or amendments, without the consent of the holders of all the Bonds.

LITIGATION

Set forth below is a summary of the items of material litigation in which the Commission is currently involved:

On May 16, 1979, the final judgment was rendered in an alleged class action lawsuit brought by Rosalind Holding Company against the City of Orlando and Orange County, as well as the Commission. The judgment found against the plaintiffs and for the Commission as well as the other defendants and, in addition, dismissed the complaint. The plaintiff has filed notice of appeal. The lawsuit seeks to enjoin the making of payment by the Commission to Orange County of 1% of the Commission's gross electric revenues earned outside the City and to require repayment of the amounts paid, amounting to about \$12,000 per month since March, 1973. Secondly, it seeks to enjoin the Commission from transferring to the general fund of the City any part of the Commission's profits from its operations, which is currently the practice. The complaint also alleged that the Commission's rates are unreasonable, that payments for certain expenses are unreasonable and seeks an award for overcharges from 1970 to date plus attorneys' fees. If the plaintiff is ultimately successful, the amount of liability which could be imposed upon the Commission is almost impossible to estimate at this time. Legal counsel for the Commission is of the opinion that the suit is not well founded.

The Commission is defending a lawsuit, brought by United States Fidelity & Guaranty Company, seeking damages in connection with alleged contractual liability arising out of a construction project on one of the Commission's power plants. The maximum liability is estimated at approximately \$1,100,000. Legal counsel for the Commission is of the opinion that this suit is not well founded and that Commission's counterclaim for \$2,500,000 is well founded although not necessarily fully collectible.

There still exists a possible breach of contract lawsuit with Indevco as the claimant which could involve as much as approximately \$85,000 in possible liability. Indevco has further threatened that in the event it does not prevail on that matter, it may bring a class action against the Commission, although in the opinion of counsel the success of such an action is remote.

The Commission is currently the defendant in two bodily injury cases. However, any possible recovery is thought to be more than adequately covered by insurance. The attorneys for the Commission are of the opinion that the chance of an adverse judgment is minimal.

The Environmental Protection Agency has issued a permit for the Commission's Indian River electric generating plant which may in effect require the Commission to provide an off-stream cooling water system for such plant by some date in the mid-1980's in the event that an ongoing ecological study in the opinion of the Agency shows that the present cooling system is doing substantial damages to the ecological system of the adjacent portion of the Indian River. The cost to the Commission of such study is estimated to be \$800,000. The final determination of the Agency is appealable to the courts. If construction of off-stream cooling facilities were begun now, it is estimated that they would cost approximately \$21,000,000, which figure would in all likelihood substantially increase by the time construction was begun, if it is required.

The Commission, along with most of the utilities, both public and investor owned in the state and including all the large ones, is currently going through an administrative procedure to attempt to relax the opacity and particulates rules under the Clean Air Act. If the Environmental Protection Agency does not relax the requirements by early August, a large portion of the state's entire generating capacity including the Commission's would have to be eliminated, or the officers of the various companies would face criminal charges and the companies would be subject to fines.

Diversified Fuels, Inc., a non-Florida corporation, recently filed an action against the City of Lakeland seeking an injunction and a declaratory judgment based on the general allegation that Lakeland used an improper process in taking bids and negotiating with the low bidder for the coal supply required for the Joint Ownership Project. The Commission was, and is, vitally interested in this action inasmuch as it will own 40% of the unit and will receive 40% of the power. The Commission intervened in the action and a hearing for temporary injunction was held, with the court finding against the plaintiff. This does not

dispose of the action and presumably at some time there will be a hearing relative to the request for permanent injunction as well as one or more hearings on the Commission's motions to dismiss. In the opinion of legal counsel for the Commission the suit is not well founded.

There is no litigation or controversy of any nature now pending or threatened to restrain or enjoin the sale, execution, issuance or delivery of the 1978A Improvement Bonds, or in any way contesting the validity of the 1978A Improvement Bonds or any proceedings of the Commission taken with respect to the authorization, sale or issuance of the 1978A Improvement Bonds, or the pledge or application of any monies or securities provided for the payment or security of the 1978A Improvement Bonds.

RATINGS

Moody's Investor Service, Inc.

Moody's Investors Service, Inc. ("Moody's") has given the 1978A Improvement Bonds a rating of Aa. Bonds which are rated Aa are judged by Moody's to be of high quality by all standards and are generally considered high grade bonds. They are rated lower than the Aaa bonds because margins of protection may not be as large as in Aaa securities or fluctuation of protective elements may be of greater amplitude or there may be other elements present which make the long-term risks appear somewhat larger than in Aaa securities.

Standard & Poor's Corporation

Standard & Poor's Corporation ("Standard & Poor's") has given the 1978A Improvement Bonds a rating of AA. Bonds rated AA are considered by Standard & Poor's to qualify as high-quality debt obligations. The issuer's capacity to pay principal and interest is considered very strong.

The Commission furnished to such rating agencies certain information and materials in respect to the Commission and the 1978A Improvement Bonds. Generally, rating agencies base their ratings on such information and materials and on investigations, studies and assumptions made by the rating agencies. There is no assurance that such ratings will be maintained for any given period of time or that they may not be lowered or withdrawn entirely by the rating agencies, or either of them, if in their or its judgment circumstances warrant. Any such downward change in or withdrawal of such ratings, or either of them, may have an adverse effect on the market price of the 1978A Improvement Bonds.

TAX EXEMPTION

In the opinion of Bond Counsel, interest on the 1978A Improvement Bonds is exempt from all Federal income taxation under existing laws and from taxation under the laws of the State of Florida, except as to estate taxes and taxes imposed by Chapter 220, Florida Statutes, on interest, income or profits on debt obligations owned by corporations, banks and savings associations.

LEGALITY

The 1978A Improvement Bonds were validated by judgment of the Circuit Court of the Ninth Judicial Circuit in and for Orange County, Florida rendered on May 12, 1978, from which judgment no appeal was taken during the applicable appeal period.

All legal matters in connection with the issuance of the 1978A Improvement Bonds are subject to the approval of Mudge Rose Guthrie & Alexander, New York, New York, Bond Counsel to the Commission whose approving opinion will be available at the time of delivery of the 1978A Improvement Bonds.

Certain legal matters in connection with the offering of the 1978A Improvement Bonds will be passed on in behalf of the Commission by J. Thomas Gurney, Sr., of Gurney, Gurney & Handley, P.A., Orlando, Florida, Counsel to the Commission.

MISCELLANEOUS

So far as any statements made in this Official Statement involve matters of opinion or of estimates, whether or not expressly stated, they are set forth as such and not as representations of fact. No representation is made that any of the opinions or estimates will be realized.

OFFICIAL STATEMENT

As of the date hereof, the Commission has not met to consider a resolution as to the form of this Official Statement dated July 27, 1979.

CERTIFICATE CONCERNING OFFICIAL STATEMENT

It is expected that the Commission will approve the form and use of this Official Statement at its August 14, 1979 meeting. The certificate set forth in the next succeeding paragraph will be executed as of the date of delivery of the 1978A Improvement Bonds.

We, the undersigned Executive Vice President and General Manager, and Manager of Financial Operations of the Orlando Utilities Commission, DO HEREBY CERTIFY THAT (i) we have reviewed the Official Statement dated July 27, 1979 with respect to the \$40,000,000 1978A Improvement Bonds of the Orlando Utilities Commission (the "Official Statement"), and that to the best of our knowledge and belief the statements therein are true and correct; and (ii) nothing has come to our attention which would lead us to believe that the Official Statement contains an untrue statement of a material fact or omits to state a material fact which should be included therein for the purpose for which the Official Statement is intended to be used, or which is necessary to make the statements contained therein, in light of the circumstances under which they were made, not misleading.

IN WITNESS WHEREOF, we have hereunto set our hands this 7th day of August, 1979.

ORLANDO UTILITIES COMMISSION

By _____

By _____



ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE • P. O. BOX 3193 • ORLANDO, FLORIDA 32802 • 305/423-9100

MANAGEMENT LETTER

GROVER C. BRYAN
President

CHARLES J. HAWKINS
First Vice President

GRACE C. LINDBLOM
Second Vice President

CARL T. LANGFORD
Mayor

HENRY T. MEINER
Immediate Past President

CURTIS H. STANTON
*Executive Vice President
& General Manager*

J. THOMAS GURNEY, SR.
*General Counsel
P. O. Box 1273
Orlando, FL 32802
305/843-9500*

The Commission had a very good year in 1978.


In April the Commission approved the advance refunding of all its water and electric revenue bonds, outstanding April 1, 1978 in the amount of \$123,325,000, by the sale of \$110,330,000 Water and Electric Refunding and Improvement Bonds, and \$94,650,000 Special Obligation Bonds. In accordance with generally accepted accounting principles, the Commission recognized the gain of \$11,686,231 in this year's income as an extraordinary item.

In the year ending September 30, 1978, gross revenues increased \$6.3 million; operating expenses increased \$4.3 million. Income before the extraordinary income from refunding increased \$3.6 million or 33%.

The total active electric services, year ending September 30, were 81,219 an increase of 2,482 or 3.2% from the previous year. Active water services were 62,549, an increase of 1,697 or 2.8%.

The average price per kilowatt hour for residential electric service decreased from 3.85¢ in 1977 to 3.72¢ for 1978. Average annual use of electricity, for the same class of customers, increased from 12,188 kilowatt hours in 1977 to 12,411 in 1978, an increase of 1.8%.

In order to meet the future power requirements of its customers, the Commission entered into a participation agreement in April with the City of Lakeland, Florida, for the joint ownership of a 364 megawatt coal-fired plant. It is anticipated that this unit will come on line in 1982.


C. H. Stanton
Executive Vice President
& General Manager

Ernst & Ernst CERTIFIED PUBLIC ACCOUNTANTS

332 North Magnolia Ave. • Mail Address PO Box 3426 • Orlando, FL 32802 • Phone 305/841-2050

Orlando Utilities Commission
Orlando, Florida

We have examined the balance sheets of the Orlando Utilities Commission as of September 30, 1978 and 1977, and the related statements of income and accumulated retained earnings and changes in financial position for the years then ended. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above present fairly the financial position of the Orlando Utilities Commission at September 30, 1978 and 1977, and the results of its operations and the changes in its financial position for the years then ended, in conformity with generally accepted accounting principles applied on a consistent basis.

*Ernst & Ernst*Orlando, Florida
November 27, 1978

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BALANCE SHEETS

ORLANDO UTILITIES COMMISSION

	September 30	
	1978	1977
ASSETS		
UTILITY PLANT		
In service:		
Electric	\$196,755,277	\$194,223,485
Water	43,899,677	42,240,210
Common	11,668,344	11,627,269
Allowances for depreciation and amortization (deduction)	<u>(83,818,587)</u>	<u>(77,408,711)</u>
	168,504,711	170,682,253
 Construction work-in-progress--Note E	 <u>9,031,328</u>	 <u>5,608,602</u>
	177,536,039	176,290,855
 RESTRICTED ASSETS--Note B		
Debt service funds	15,664,661	13,763,606
Construction and related funds	<u>18,402,724</u>	<u>19,781,162</u>
	34,067,385	33,544,768
 CURRENT ASSETS		
Cash	356,084	299,251
Short-term investments	14,705,000	6,600,000
Customer accounts receivable, less allowance for doubtful accounts (1978-- \$196,531; 1977--\$129,688)	8,311,813	6,548,234
Accrued utility revenues	3,679,358	3,748,091
Materials and supplies	5,810,235	6,912,263
Accrued interest receivable	218,136	186,251
Miscellaneous receivables, prepaid expenses and deferred charges	<u>396,512</u>	<u>2,256,042</u>
	33,477,138	26,550,132
	 <u>\$245,080,562</u>	 <u>\$236,385,755</u>

	September 30	
	1978	1977
LIABILITIES AND CAPITALIZATION		
CAPITALIZATION		
Equity:		
Accumulated retained earnings:		
Appropriated for debt service	\$ 12,236,214	\$ 7,605,727
Invested in or appropriated for utility plant and working capital	<u>103,667,986</u>	<u>88,403,947</u>
	115,904,200	96,009,674
Contributed capital	<u>4,515,014</u>	<u>3,742,277</u>
	120,419,214	99,751,951
Long-term debt (current maturities: 1978--\$-0-; 1977--\$3,560,000)--Note C:		
Bond principal	110,330,000	126,885,000
Unamortized discount and expense (deduction)	<u>-0-</u>	<u>(1,355,636)</u>
	110,330,000	125,529,364
	<u>230,749,214</u>	<u>225,281,315</u>
CURRENT LIABILITIES, (excluding current maturities of long-term debt)		
Accounts payable and accrued expenses	3,800,435	2,577,775
Utility plant construction contracts	-0-	23,466
Accrued interest payable on long-term debt	3,428,447	2,597,879
Customer meter deposits and interest thereon	2,311,188	1,937,948
Collections for state and political subdivisions	1,919,354	1,697,745
Due to the General Fund of the City of Orlando--Note D	<u>484,578</u>	<u>321,383</u>
	11,944,002	9,156,196
OTHER LIABILITIES		
Customer water and electric line extension deposits	2,387,346	1,948,244
COMMITMENTS AND CONTINGENT LIABILITIES--Note E		
	<u>\$245,080,562</u>	<u>\$236,385,755</u>

See notes to financial statements

STATEMENTS OF INCOME AND ACCUMULATED RETAINED EARNINGS

ORLANDO UTILITIES COMMISSION

	Year Ended September 30	
	1978	1977
Operating revenues	\$ 96,649,494	\$ 90,318,997
Operating expenses:		
Production	56,810,200	54,095,834
Transmission and distribution	5,155,871	4,586,996
Customer accounting	1,988,964	1,903,512
General and administrative	4,826,196	3,910,860
State utilities tax	1,023,166	1,073,388
Consumer education	111,411	122,410
Payments to the General Fund of the City of Orlando--Note D	<u>2,860,474</u>	<u>2,831,859</u>
	<u>72,776,282</u>	<u>68,524,859</u>
	23,873,212	21,794,138
Depreciation--Note A	<u>7,412,202</u>	<u>7,262,021</u>
	16,461,010	14,532,117
Interest and other income	<u>3,349,538</u>	<u>2,214,698</u>
	19,810,548	16,746,810
Other deductions--principally interest	<u>5,342,253</u>	<u>5,902,737</u>
INCOME BEFORE EXTRAORDINARY ITEM	14,468,295	10,844,074
Extraordinary item--gain on advance refunding of long-term debt--Note F	<u>11,686,231</u>	<u>-0-</u>
NET INCOME	26,154,526	10,844,074
Accumulated retained earnings at beginning of year	<u>96,009,674</u>	<u>89,948,365</u>
	122,164,200	100,792,439
Transfers to the General Fund of the City of Orlando--Note D	<u>6,260,000</u>	<u>4,782,765</u>
ACCUMULATED RETAINED EARNINGS AT END OF YEAR	<u>\$115,904,200</u>	<u>\$ 96,009,674</u>

See notes to financial statements

STATEMENTS OF CHANGES IN FINANCIAL POSITION

ORLANDO UTILITIES COMMISSION

	Year Ended September 30	
	1978	1977
SOURCE OF FUNDS		
Income before extraordinary item	\$ 14,468,295	\$10,844,074
Charges to operations not requiring current outlay of working capital:		
Depreciation and amortization	7,810,044	7,605,460
Amortization of bond discount and expense	46,867	116,942
TOTAL FROM OPERATIONS BEFORE EXTRAORDINARY ITEM	22,325,206	18,566,476
Extraordinary item--gain on advance refunding of long-term debt	11,686,231	-0-
Amortization of bond discount and expense not requiring current outlay of working capital	1,308,769	-0-
	<u>12,995,000</u>	<u>-0-</u>
TOTAL FROM OPERATIONS	35,320,206	18,566,476
Proceeds from the sale of revenue bonds	110,330,000	9,875,000
Contributed capital	772,737	624,334
Increase in other liabilities	439,102	83,765
	<u>146,862,045</u>	<u>29,149,575</u>
APPLICATION OF FUNDS		
Additions to utility plant--net	9,055,228	5,824,173
Transfers to the General Fund of the City of Orlando	6,260,000	4,782,765
Reduction of long-term debt	126,885,000	3,285,000
Increase in restricted assets	522,617	10,673,798
Expenses attributable to sale of revenue bonds	-0-	126,129
	<u>142,722,845</u>	<u>24,691,865</u>
INCREASE IN WORKING CAPITAL	<u>\$ 4,139,200</u>	<u>\$ 4,457,710</u>
CHANGES IN COMPONENTS OF WORKING CAPITAL		
Increase (decrease) in current assets:		
Cash	\$ 56,833	\$(1,884,013)
Short-term investments	8,105,000	3,100,000
Customer accounts receivable	1,763,579	2,508,603
Materials and supplies	(1,102,028)	21,402
Other receivables and accounts	(1,896,378)	1,984,339
	<u>6,927,006</u>	<u>5,730,331</u>
Increase (decrease) in current liabilities:		
Accounts payable and accrued expenses	1,222,660	208,545
Utility plant construction contracts	(23,466)	(265,950)
Accrued interest payable on long-term debt	830,568	232,194
Customer meter deposits and interest thereon	373,240	581,474
Collections for state and political subdivisions	221,609	446,247
Due to the General Fund of the City of Orlando	163,195	70,111
	<u>2,787,806</u>	<u>1,272,621</u>
INCREASE IN WORKING CAPITAL	<u>\$ 4,139,200</u>	<u>\$ 4,457,710</u>

See notes to financial statements

NOTES TO FINANCIAL STATEMENTS

ORLANDO UTILITIES COMMISSION

NOTE A--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Utility Plant: Utility plant is stated at original cost of construction which includes payroll and related cost, general and administrative cost and cost of equipment used in construction. It is the policy of the Commission not to capitalize interest during construction.

Depreciation and Maintenance: The utility plant is being depreciated using the straight-line method, at rates calculated to amortize the cost over the estimated economic useful lives of the assets. Total depreciation and amortization for the years ended September 30, 1978 and September 30, 1977 amounted to \$7,897,044 and \$7,665,460, respectively. Such amounts are charged to depreciation expense, operating expenses and utility plant accounts, as appropriate.

The Commission charges maintenance with the cost of repairs and minor renewals of property, and the plant accounts with the cost of renewals and replacement of property units. The cost of significant unusual repairs are deferred and amortized over periods not exceeding 24 months.

Reclassifications: Certain items on the balance sheet as of September 30, 1977 have been reclassified to be comparative to current year classification.

Materials and Supplies: Materials and supplies are stated at average cost.

NOTE B--RESTRICTED ASSETS

Restricted assets consist of the following:

	September 30		Increase
	1978	1977	(Decrease)
Sinking Fund	\$ 6,417,412	\$ 4,377,896	\$ 2,039,516
Sinking Fund Reserve	9,247,249	9,385,710	(138,461)
Renewal and Replacement Fund	6,288,426	6,377,636	(89,210)
Construction Trust Funds	<u>12,114,298</u>	<u>13,403,526</u>	<u>(1,289,228)</u>
TOTALS	<u>\$34,067,385</u>	<u>\$33,544,768</u>	<u>\$ 522,617</u>
The above funds are classified as:			
Debt service funds	\$15,664,661	\$13,763,606	\$ 1,901,055
Construction and related funds	<u>18,402,724</u>	<u>19,781,162</u>	<u>(1,378,438)</u>
TOTALS	<u>\$34,067,385</u>	<u>\$33,544,768</u>	<u>\$ 522,617</u>

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE B--RESTRICTED FUNDS--CONTINUED

	September 30		Increase (Decrease)
	1978	1977	
The funds consist of:			
Cash and Certificates of Deposit	\$ 4,375,505	\$ 3,760,283	\$ 615,222
United States Treasury securities-- at cost (approximate market value: 1978--\$25,875,000; 1977-- \$29,700,000)	25,754,567	29,569,530	(3,814,963)
Short-term investments	3,479,000	-0-	3,479,000
Interest receivable	399,355	155,997	243,358
Orlando Utilities Commission Revenue Bonds--at cost	58,958	58,958	-0-
TOTALS	<u>\$34,067,385</u>	<u>\$33,544,768</u>	<u>\$ 522,617</u>

NOTE C--LONG-TERM DEBT

By resolution dated April 18, 1978, the Commission provided for the advance refunding of all of its water and electric revenue bonds outstanding at April 1, 1978 in the aggregate principal amount of \$123,325,000 (Refunded Bonds) by the sale of \$110,330,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 and \$94,650,000 Special Obligation Bonds, Series 1978. From the proceeds of the sale of the two issues, monies were invested in United States obligations in an irrevocable Escrow Deposit Trust Fund. Such United States obligations will mature at such time and in such amounts so as to provide sufficient funds for the payment of maturing principal and interest on the Refunded Bonds. All interest earned or accrued on the United States obligations has been pledged and will be used for the payment of the principal and interest on the Special Obligation Bonds, Series 1978. The Refunded Bonds are treated as extinguished debts in the accompanying financial statements even though the Refunded Bonds do not have a provision for defeasance. The transaction has been accounted for in the same manner as a defeased transaction because the obligation of the Commission for the Refunded Bonds has been satisfied in substance although not in form.

The Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 are payable from and secured by a lien upon and pledge of the net revenues derived by the Commission from the operation of the water and electric system and from investment income earned on monies and obligations in certain sinking fund accounts.

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE C--LONG-TERM DEBT--CONTINUED

In November 1976, the Commission entered into an advance refunding transaction whereby Water and Electric Revenue Refunding Bonds in the principal amount of \$8,875,000 were issued to facilitate the future retirement of the Commission's outstanding 1975A Water and Electric Revenue Bonds. The proceeds of the Refunding Bonds were deposited into an irrevocable escrow account and will be invested in United States Treasury obligations that, together with the interest earned thereon, will provide sufficient funds for the payment of \$375,000 maturing principal of the Refunding Bonds, interest on the Refunding Bonds until April 1, 1985, and the \$8,710,000 outstanding principal and call premium on the 1975A Revenue Bonds. In accordance with the provisions of the Refunding Bond Trust Indenture, the 1975A Revenue Bonds will be called for redemption and payment on April 1, 1985 at a call premium of \$210,000. Until such date, the principal and interest requirements pertaining to the 1975 Revenue Bonds will remain the obligation of the Commission.

The bonds outstanding as of September 30 are as follows:

	1978	1977
1957 series, 3%-3.7%, due serially to 1984	\$ -0-	\$ 11,975,000
1959 series, 3.25%-3.6%, due serially to 1986	-0-	6,200,000
1962 series, 2%-6%, due serially to 1992	-0-	24,000,000
1970 series, 4%-6%, due serially to 1996	-0-	19,115,000
1971 series, 3.5%-5.5%, due serially to 1998	-0-	31,895,000
1973 series, 4%-6%, due serially to 2003	-0-	13,925,000
1975A series, 4.5%-6%, due serially to 2002; outstanding principal (\$9,900,000) less amounts to be retired by Trustee (\$8,500,000)	-0-	1,400,000
1975B series, 4.9%-5.7%, due serially to 2002	-0-	9,875,000
1976 series, 5%-6%, due serially 1977 to 2002; outstanding principal (\$8,865,000) less amounts to be retired by Trustee (\$365,000)	-0-	8,500,000
1978 series, 5.8%-6.375%, due serially 1994 to 2008	-0-	-0-
	<u>110,330,000</u>	<u>-0-</u>
TOTALS	<u>\$110,330,000</u>	<u>\$126,885,000</u>

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE D--PAYMENTS AND TRANSFERS--GENERAL FUND OF THE CITY OF ORLANDO

The Commission made payments based on gross revenues from services within the City to the General Fund of the City of Orlando. The Commission transferred additional monies to the General Fund of the City of Orlando based on the Commission's income.

NOTE E--COMMITMENTS AND CONTINGENT LIABILITIES

- (1) By resolution, the Orlando Utilities Commission, on July 12, 1955, appropriated \$180,000 annually for a period of 26 years commencing April 1, 1955, for the retirement of the Sewer Revenue Bonds of the City of Orlando dated April 1, 1955, in the amount of \$5,438,000. By an agreement between the City and the Orlando Utilities Commission, the Commission may offset this contribution against the City of Orlando utilities tax. The agreement whereby the Commission pledges \$180,000 of its revenues annually has become a part of the agreement between the City of Orlando and the bondholders and, therefore, it is a contingent liability ranking junior only to obligations of the Orlando Utilities Commission to the holders of its Water and Electric Revenue Bonds. This liability becomes real only if the utilities tax is inadequate and thereafter the City fails to reimburse the Commission from other utility tax revenues and also fails to levy a sewer tax as required.
- (2) On December 22, 1969, the Orlando Utilities Commission pledged \$480,000 of its annual revenues in connection with the issuance by the City of \$5,500,000 Improvement Revenue Bonds. This pledge is for a period of 22 years from the date of issuance by the City of the Improvement Revenue Bonds or such longer period as shall be required to pay and retire all principal and interest on said bonds. This lien on the revenues derived from the Utilities shall be junior and subordinate to the lien of the holders of any obligations of the Commission outstanding or pari passu obligations hereinafter issued for purposes of the Commission, and to the annual payment for the retirement of the Sewer Revenue Bonds described in the preceding paragraph, but shall be prior and superior to any lien, pledge or encumbrance hereafter made of such revenues for any purposes other than said obligations of this Commission for water or electric purposes, and said annual Sewer Revenue Bond payment.
- (3) The approximate cost to complete construction contracts in progress entered into as of September 30, 1978 is \$9,250,000. It is currently anticipated that additional future expansion program costs, planned for the next three years will approximate \$110 million. These amounts include a joint project with the City of Lakeland to construct a 364 MW steam-electric generating plant to be located in Lakeland. The Commission will have a 40% ownership in the generating plant and be entitled to 40% of its capacity.

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE E--COMMITMENTS AND CONTINGENT LIABILITIES--CONTINUED

- (4) The Commission leases real estate for a fuel supply terminal under an operating lease through the year 2023. Future minimum payments for this lease at September 30, 1978 are \$11,880 annually. Various units of data processing and office equipment are leased on a monthly basis with an annual rental expense for the year ended September 30, 1978 and 1977 of approximately \$45,000 and \$67,000, respectively.
- (5) The Orlando Utilities Commission has a pension plan covering substantially all employees. The total pension expense for the years 1978 and 1977 was \$1,390,132 and \$1,317,039, respectively, which includes amortization of past service costs over a period of approximately 30 years. The funding method used is the entry age normal with the initial unfunded accrued liability frozen. Funding is by a Deposit Administration Contract. As of September 1, 1978, the anniversary date of the plan, the Pension Fund assets exceeded the actuarially computed value of vested benefits.
- (6) The Orlando Utilities Commission has been named as a defendant in a lawsuit wherein it is alleged that the plaintiff contractor and a bonding company sustained damages by reason of acts or omissions of the Orlando Utilities Commission and/or the engineers (named in the contract) in connection with the performance of certain construction contracts. The amounts claimed against the City of Orlando and the Orlando Utilities Commission approximates \$1,250,000. The Commission has filed a counter claim against the bonding company alleging damages for delays in construction. Counsel for the Commission is unable to express an opinion as to the probable outcome of these suits. The accompanying financial statements do not include a provision for liability, if any, that may result from settlement thereof.
- (7) The Commission is one of the defendants in an alleged class action lawsuit brought against the City of Orlando and Orange County, as well as the Commission. The lawsuit seeks to enjoin the making of payments by the Commission to Orange County of one percent (1%) of the Commission's gross electric revenues earned outside the City and to require repayment of the amounts paid amounting to about \$12,000 per month since March 1973. Secondly, it seeks to enjoin the Commission from paying to the General Fund of the City any part of the Commission's net income, which is currently the practice. The complaint was amended February 7, 1978, to allege that rates charged for utilities services are unreasonable, that payment for certain expenses are unreasonable and to seek an injunction for overcharges from 1970 to date plus attorneys' fees. Under the amended complaint, if the Plaintiff obtains all the relief requested, the amount of liability which could be imposed upon the Commission is impossible to estimate at this time. Legal counsel for the Commission is of the opinion that the suit is without merit.

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE E--COMMITMENTS AND CONTINGENT LIABILITIES--CONTINUED

- (8) The Environmental Protection Agency has issued a permit for the Commission's Indian River electric generating plant which requires the Commission to provide an off-stream water cooling system for such plant by some date in the mid-1980's in the event that an ecological study, in the opinion of the Agency, shows that the present cooling system is doing substantial damage to the ecological system of the adjacent portion of the Indian River. The cost to the Commission of such study is estimated to be \$1,000,000. The final determination of the Agency is appealable to the courts. If construction of off-stream cooling facilities were begun now, it is estimated that they would cost approximately \$20,000,000.
- (9) In August 1978, the Commission adopted a plan of paying employees having at least two years of employment for a portion of their unused sick leave accumulated at the date they terminate or retire. The maximum possible liability, calculated on the basis of unused sick leave for eligible employees at September 30, 1978 is approximately \$690,000. It is the policy of the Commission to record the costs of the plan only as benefits are paid. Benefit payments are expected to approximate \$50,000 per year.

NOTE F--EXTRAORDINARY ITEM

As a result of the April 1978 advance refunding of the Commission's outstanding revenue bonds as explained in Note C, a gain was recognized in accordance with generally accepted accounting principles. The recorded gain (non-current cash) was computed as follows:

Net carrying amount of refunded debt	\$123,325,000
Less unamortized discount and issue costs	<u>1,308,769</u>
	122,016,231
Refunding bonds issued	<u>110,330,000</u>

GAIN (NON-CURRENT CASH) ON
ADVANCE REFUNDING OF BONDS \$ 11,686,231

NOTES TO FINANCIAL STATEMENTS--CONTINUED

ORLANDO UTILITIES COMMISSION

NOTE G--BUSINESS SEGMENTS

The Commission operates in two business segments, the generation, transmission and distribution of electricity and the production, treatment, transmission and distribution of water. A summary of the segment information as of September 30, 1978 is summarized below:

	<u>Electric</u>	<u>Water</u>	<u>Administration</u>	<u>Total</u>
Operating revenues	\$ 88,289,612	\$ 8,359,882	\$ -0-	\$ 96,649,494
Operating income	20,094,153	3,779,059	-0-	23,873,212
Identifiable assets	195,214,805	42,331,574	7,534,183	245,080,562
Depreciation	6,463,830	948,372	-0-	7,412,202
Capital expenditures	7,078,492	2,142,883	-0-	9,221,375

Operating revenue of the electric segment includes approximately \$13 million in interchange sales to another utility.

BLACK & VEATCH
CONSULTING ENGINEERS

APPENDIX B

TEL. (913) 967-2000
TELEX 42-6263

1500 MEADOW LAKE PARKWAY
MAILING ADDRESS: P.O. BOX NO. 8405
KANSAS CITY, MISSOURI 64114

June 7, 1979

Mr. C. H. Stanton
Executive Vice President
Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32802

Dear Mr. Stanton:

This letter summarizes pertinent information relative to your electric system operations, for inclusion in the Official Statement being prepared by your financial consultants.

I. Electric System Load Growth

In January 1978, we presented to the Commission the results of our power supply study for the electric system. This study indicates that the gross system peak demand is estimated to increase at an average annual rate of 5.3 percent per year from 1978 through 1986. The 1978 gross system peak demand was essentially the same as the 1977 gross system peak demand but the net system energy requirement was consistent with the study projections. It is expected that the 1977 system energy sales will be doubled in 1991.

II. Power Supply Facilities

Power for the electric system load is supplied from the Commission's Indian River Plant, their Lake Highland Plant and from the Florida Power Corporation Crystal River No. 3 nuclear unit owned in part by the Commission. The Indian River Plant is located approximately 32 miles east of Orlando and is a modern steam plant having a total generating capacity of 639,000 KW in three 1800 psi reheat steam turbine-generator units.

The Lake Highland Plant is located in the City of Orlando and has a total generating capacity of approximately 120,000 KW in three 30,000 KW steam turbine-generator units and two 15,000 KW quick-start combustion turbine units. Cold start capability is provided for this plant by a 1000 KW diesel engine generator. The Lake Highland Plant is used primarily for peaking and standby service.

The Crystal River No. 3 nuclear unit is a nominally rated 825,000 KW unit utilizing a pressurized water reactor nuclear steam supply system. The unit is managed and operated by Florida Power Corporation but 13,200 KW of the capacity is owned by the Commission.

Orlando Utilities Commission
Mr. C. H. Stanton

June 7, 1979

The Indian River Plant and the Lake Highland Plant fire either natural gas or fuel oil and ample fuel oil storage is provided at each plant site. Additional fuel oil facilities are installed at Port Canaveral. These facilities include handling facilities and a storage tank capable of receiving tanker quantities of fuel oil and transferring the oil to barges for transport to the Indian River Plant via the Intercoastal Waterway.

New power supply facilities for the Commission's system include ownership of 146,000 KW of capacity in a nominally rated 364,000 KW steam turbine-generator unit jointly owned by the Commission and the City of Lakeland, Florida, and to be constructed by Lakeland at their McIntosh plant site. Early construction work for this unit is currently in progress. This unit will be a modern 2400 psi unit designed to fire coal as the primary fuel with fuel oil and refuse as secondary fuels. The unit will be designed so that up to ten percent of the total fuel requirement could be supplied from refuse collected by the City of Lakeland. Sewage treatment plant effluent water will be used as makeup for the plant cooling tower and sulphur removal system. This plant would be among the first in Florida to use refuse and treated sewage effluent water in its operation. Operation of this unit is scheduled for late 1981.

III. Power System Facilities

Power is transmitted from the Indian River Plant to the Orlando load area over two 115 kV and one 230 kV transmission lines which terminate at a major switching substation (Pershing) located in the southeast corner of the load area. A 230 kV line extends from this (Pershing) substation to another major substation (Southwood) located in the southwest corner of the load area to firmly connect the eastern and western sections of the Orlando load area. Power from the 230 kV system is supplied to a 115 kV loop network which covers the Orlando load area. The Lake Highland Plant is connected to this 115 kV network.

Power is delivered to the Commission's primary distribution systems through twelve major load area substations strategically located on the 115 kV network.

The Commission's power system is interconnected with the Florida Power Corporation system at three widely separated substations in the Orlando load area, and with the Florida Power and Light Company at the Indian River Plant substation. These interconnections provide the Commission's system with ready access to reserve capacity available in the Florida interconnected system.

Orlando Utilities Commission
Mr. C. H. Stanton

June 7, 1979

The power system is monitored and controlled through a central dispatching center and a supervisory control system. Currently work is in progress for expanding the dispatching center and installing a modern computer based supervisory control and data acquisition system.

New power system facilities include the installation of additional transformer capacity and distribution feeder switchgear at three existing substations and a new 230 kV transmission line extending from a new substation at the south central portion of the Commission's system to the McIntosh plant of the City of Lakeland. The new transmission line is currently being designed and will facilitate transmission of the power from the new coal fired unit into the Commission's load area.

IV. Electric Rates

The Commission has developed in house capability for routinely reviewing the adequacy of rate levels and for determining the amount and appropriate distribution of rate adjustments. The electric rates of the Orlando Utilities Commission are competitive with the rates of other electric utilities serving the surrounding area.

Respectively submitted,

BLACK & VEATCH



E. C. Windisch

ECW:dk

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17 April 1979

GN11701.80

Mr. C. H. Stanton
Executive Vice President
Orlando Utilities Commission
500 South Orange Avenue
P. O. Box 3193
Orlando, Florida 32820

Dear Mr. Stanton:

The purpose of this letter is to summarize certain pertinent information regarding the Water Operations Department for inclusion in the Official Statement currently being prepared in connection with the issuance of the 1978A Improvement Bonds.

Historical Background of Water System

Prior to 1956, Orlando obtained its water supply from a chain of lakes in the north central part of the city. A comprehensive engineering study of the water utility was prepared by Black, Crow and Eidsness in 1956, which showed the inadequacy of this supply and resulted in the establishment of a program to replace the surface water supply with that of deep wells, approximately 1,400 feet deep, penetrating the Middle Eocene formation. The water obtained from these wells proved to be of excellent chemical and bacterial quality, and greatly reduced treatment costs.

In 1978 the Navy Plant was completed, thereby increasing service to the northeastern side of the area.

A Ten-Year Master Plan has been prepared by Black, Crow and Eidsness covering the period 1973 through 1983. This plan incorporates projections to meet future consumer demands and provides for the continued orderly development of the water system.

Mr. C. H. Stanton
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Present Water Treatment and Pumping Facilities

With the exception of the Navy Plant, all plants treat the incoming raw water by the same method, namely, aeration, chlorination and fluoridation.

In the case of the Navy Plant a successful research program has been advanced to the design stage wherein new technology will be employed to eliminate the aeration step. It is anticipated that with construction of the first full scale installation at the Navy Plant in 1979, and following a successful demonstration of that operation, similar modifications will be made at the other plants in subsequent years.

Plant	Raw Water Capacity (mgd)	Aeration Capacity (mgd)	High Service Pumping Capacity (mgd)	Reservoir Capacity (10 ⁶ gal)
Navy	6	0*	12	2.0
Kirkman	5	5	15	2.0
Highland	35	35	48	3.5
Primrose	15	15	21	2.0
Pine Hills	15	15	24	2.0
Kuhl	15	15	27	2.0
Martin	6	6	12	1.0
Conway	<u>10</u>	<u>10</u>	<u>14</u>	<u>2.0</u>
Total	107	101	173	16.5

*Substitute system to be installed.

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Water Distribution System

The water distribution system consists of mains from 2 inches to 36 inches in diameter and presently provides service for an area of approximately 150 square miles. A trunk main system comprised of mains 12 inches to 36 inches in diameter provides a belt loop interconnecting all plants and elevated tanks. Elevated storage tanks connected to the trunk main system are shown below.

ELEVATED WATER STORAGE	
Location	Capacity (gallons)
Rugby	500,000
Hazel	500,000
Copeland	1,000,000
Gore	500,000
Hiawasse	500,000
Oak Ridge	<u>500,000</u>
Total	3,500,000

Proposed Improvements to the Water System

The improvements for construction through 1983 listed below are proposed to be financed from bond proceeds and are a continuation of improvements proposed in our engineering reports of 1956, 1962 and 1973, as updated.

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Description	Estimated Cost
1. Treatment System Modifications	\$5,500,000
2. Conway Well, Treatment and High Service	1,100,000
3. New Central Computer Control System and Instrumentation	<u>1,100,000</u>
Total	\$7,700,000

Rate Structure

During 1972 the management of the Orlando Utilities Commission, recognizing the need to increase revenues, offset increased operating expenses, and provide for necessary expansion of the system, authorized this firm to conduct a comprehensive fiscal analysis of the Water Operations Department. Periodic updates of this analysis have resulted in increases to water rates leading to the current rate structure.

The most recent adjustment to rates became effective 1 July 1977 and is shown below:

Monthly Consumption in Gallons	CHARGES PER 1000 GALLONS	
	Inside City Limits	Outside City Limits
0 - 1,000*	\$1.85	\$2.54
1,000 - 100,000	.44	.60
Over 100,000	.37	.50

*Residential (3/4" meter) minimum monthly charge.

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Cost of Service Study

In order to establish an accurate definition of cost of service for the variety of classes of water customers served by Orlando Utilities, a study was initiated in early 1978. The first two phases of this study will be completed during 1979 and following a full year of data collection, phase three will be concluded in 1981.

Historical Record and Projections of Water Connections and Consumption

The Water Operations Department's historic records and projections of water connections, population served, and consumption are shown below:

Year	Average Active Services	Population Served ¹	Total Sales ²	Average Day ³	Maximum Day ³
1970	51,707	219,900	9,575	32.4	60.3
1971	53,596	226,440	10,682	34.1	65.0
1972	55,294	232,800	11,378	37.0	60.8
1973	57,181	238,980	11,610	39.3	69.5
1974	58,482	244,990	12,522	41.0	73.3
1975	59,258	250,850	12,889	40.9	71.6
1976	59,743	256,550	13,244	40.4	64.9
1977	60,729	262,100	14,075	45.9	70.0
1978	62,325	267,510	14,329	45.8	73.1
1980	64,622	282,784	15,318	48.2	80.6
1985	68,878	313,745	17,220	53.6	88.4

¹Determined by using the traffic zone population defined by the East Central Regional Planning Council.

²Millions of gallons.

³Millions of gallons of water delivered to the system.

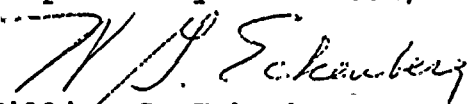
Mr. C. H. Stanton
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The above indicates a very stable position from the standpoint of supply and demand, particularly with respect to fire protection. The city enjoys an outstanding National Board of Fire Underwriters rating of three. This rating is due in a large part to the capability of the water system.

Conclusions

1. Population and load growth projections indicate steadily increasing sales of treated water within the service area.
2. Total requirements for treated water are expected to reach 78,000,000 gallons per maximum day during 1979 with peak pumping rates in excess of 122 mgd.
3. Previous studies by our firm, and others, indicate that an abundant supply of high quality water is available to supply these requirements.
4. Adequate and proper planning of required future plant expansions is being achieved affording orderly development of the water system.
5. The foresightedness of the Orlando Utilities Commission, through recently adopted rate structure adjustments, will ensure that future revenues will be adequate to meet the demand for anticipated plant expansion and provide for Water Operations Department pro rata share of present and future debt service and coverage.
6. Orlando Utilities has occupied a leading position in the technology of water services for many years. With continued good management systems, this excellent record will be demonstrated throughout the years to come.

Respectfully submitted,


William G. Eckenberg, P.E.
Manager, Water and Wastewater
Atlanta Region

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SUPPLEMENTAL INFORMATION

THE CITY OF ORLANDO
AND ORANGE COUNTY

The following information concerning the City of Orlando and Orange County is included only for the purpose of supplying general information regarding the City and the County. The 1978A Improvement Bonds are payable solely from the Net Revenues of the Commission derived from the operation of the Water and Electric System and are not payable or secured by the City or the County, or any political subdivision of the State.

General

Orange County, established by the Florida Legislature in 1824, is located geographically in the approximate center of the State of Florida, midway between Jacksonville to the north and Miami to the south, between St. Petersburg-Tampa on the Gulf of Mexico on the west and Daytona Beach on the Atlantic coast on the east. Two of the State's major highways, Interstate 4 for east-west travel and the Florida Turnpike for north-south travel, intersect just outside of Orlando. The County encompasses approximately 1,003 square miles, ranking nineteenth in the State in terms of land area, and ranks seventh in Florida in terms of population. The County enjoys an excellent climate, with temperatures ranging from an average of approximately 54°(F.) in January to an average of approximately 81°(F.) in August. Long noted for its natural scenic beauty, Orlando's central location and mild climate have proven to be especially attractive to residents and a broadening economy. The Orlando area offers a unique range of living styles from a quiet countryside to the cultural and entertainment amenities of a major urban area.

Government

The City operates under a mayor-council form of government. The Mayor is the City's administrative head, elected for a term of four years. The Mayor's responsibilities include the enforcement of laws, control of City departments and divisions, appointment and removal of officers and employees, supervision of City property, and negotiation of contracts. The Mayor makes recommendations for creation of ordinances and resolutions to the City Council, and presents the annual budget for approval.

The City Council is the legislative branch of City government, and is responsible for taxation, finances, zoning regulations and boundaries. The five City Commissioners including the Mayor review plans and specifications for public improvements, enact legislation governing City operations and approve the City budget. They are elected for four-year terms.

Population

The U.S. Census Bureau reports Orlando was the fifth fastest growing metropolitan area in the nation from 1970 to 1974, with a 27.7% increase in population during that period. The following table indicates the continuing growth of the County and the City in relation to the State of Florida:

<u>Year</u>	<u>Orlando</u>	<u>Orange County</u>	<u>Florida</u>
1950	52,367	114,950	2,810,400
1960	88,135	236,540	4,951,600
1970	99,006	344,311	6,671,100
1971	106,615	361,000	7,120,000
1972	111,000	412,253	7,441,500
1973	114,500	428,517	7,845,100
1974	117,435	424,000	8,248,900
1975	118,457	424,556	8,485,200
1976	118,661	420,552	8,551,800
1977	122,090	434,543	8,717,300
1978	123,534	438,278	8,966,400

Source: U.S. Census; and University of Florida, Bureau of Economic and Business Research

Tax Data

The City is limited by the Constitution of the State of Florida to an ad valorem tax levy of 10 mills on each dollar of assessed valuation for operating expenditures. The millage in 1979 for operating expenditures amounted to 8.879 mills per dollar of assessed valuation.

REAL ESTATE AND PERSONAL PROPERTY TAXES

City of Orlando

Real Estate Taxes

(000's Omitted)

Year	Net Taxable Assessed Valuation	General Fund		G.O. Bond Fund		Total		Collected
		Mills	Levy	Mills	Levy	Mills	Levy	
1974	\$ 974,132	8.060	\$ 7,887	.610	\$597	8.670	\$8,484	\$8,292
1975	1,040,304	8.150	8,478	.520	541	8.670	9,019	8,734
1976	1,072,494	8.515	9,132	.470	504	8.985	9,636	9,312
1977	1,098,906	8.557	9,403	.428	471	8.985	9,847	9,403
1978	1,181,792	8.487	10,028	.392	463	8.879	10,491	(a)

Personal Property Taxes

1974	\$ 211,413	8.060	\$ 1,721	.610	\$130	8.670	\$1,851	\$1,764
1975	252,336	8.150	2,057	.520	131	8.670	2,188	2,088
1976	282,617	8.515	2,406	.470	133	8.985	2,539	2,445
1977	291,647	8.557	2,496	.428	125	8.985	2,621	2,517
1978	292,832	8.487	2,509	.392	116	8.879	2,625	(a)

(a) Not available

Source: Office of Finance Administrator, City of Orlando

Industry and Commerce

Located within Orange County and/or immediately adjacent are Martin-Marietta Corp., a missile and electronic production plant having approximately 4,500 employees and an annual payroll of approximately \$90 million; Walt Disney World, located on a 43-square-mile tract of land approximately 16 miles southwest of the City of Orlando, with a total construction cost of over \$700 million, having approximately 13,000 employees with a weekly payroll averaging approximately \$1.1 million and another \$1 million spent on goods and services each week; twenty-seven industrial parks encompassing more than 18,000 acres, containing national or regional companies, including Chrysler, Dow Jones & Co., Inc., Pepsi Cola Bottling Co., Masonite Corp., Westinghouse, Federal Pacific Electric, Continental National American Group of Insurance Companies, Lumbermans Mutual Insurance Co., Montgomery Ward, and others. Minutes away from the City of Orlando is Sea World of Florida, the world's largest marine life park. Opened in December 1973 at a cost of \$23 million, Sea World has quickly become Florida's third most popular attraction, drawing in excess of 2 million persons annually.

Corporate relocation and expansion plans postponed during the recession are now being revived. In 1975, the Orlando area led the State in new industries and new jobs, with some 176 industries employing 1,750 people. A major addition, Applied Devices Corporation, an electronics firm employing approximately 450 persons, opened in the spring of 1976. A central location, modern facilities, qualified labor market, and determined leaders place Orlando in a better position than ever before for attracting new industries. Further complementing the prospects of expansion, projected industrial activities at Walt Disney World's EPCOT will enhance Orlando's draw as an industrial/distribution center. Construction should begin in 1979 on the EPCOT Center, a permanent international exposition, which includes the world showcase. The exposition is scheduled to open in 1982 and will be larger than the existing theme park.

The opening of Walt Disney World spawned unprecedented growth of travel accommodations in Orlando, and the area now ranks sixth in the world in the number of hotel and motel rooms available behind New York City, London, Chicago, Las Vegas and Washington, D.C. From 6,300 hotel and motel rooms available in 1971 when Walt Disney World opened, the Orlando area room count has grown to more than 30,000.

Conventions are occupying a larger part of the Orlando area travel picture. Increasing numbers of national groups are choosing to meet in Orlando, resulting in larger and longer conventions. Approximately 430,488 delegates attended conventions in Orlando in 1978, with an estimated economic impact of approximately \$69.3 million.

Tremendous growth in retail trade has matched the rapid industrial and tourism growth during the past few years. Orlando, as a national retail market, moved from 75th place in 1970 to 51st place in 1977. Gross retail sales reached approximately \$3.3 billion in 1978. Recognizing Orlando's potential, developers have opened two regional and 17 other major shopping centers during the past seven years, which centers include five million square feet of shopping space.

Approximately 1,000 businesses and 25 government buildings and public facilities, employing in excess of 13,000 persons, are located in downtown Orlando. Retail-oriented space totals in excess of 5 million square feet. The Orlando Central Neighborhood Development Board forecasts that by 1980 downtown Orlando will add 700,000 square feet of office space, 79,820 square feet of retail space and 6,500 more employees. Included in \$35 million in construction recently completed in the downtown area is the \$8.5 million Southeast National Bank Building and the \$8.5 million Federal Office Building. Recognizing the growth, the Orlando Central City Action Plan has been developed as a flexible and practical system for expansion. Among specific proposals is Government Plaza, an area near Interstate 4 where government facilities are expanding and where a new \$9.2 million State Office Building has been completed. The Orange Plaza project is an upgrading of the Orange Avenue Corridor, and Library Square is growing out of the expanding requirements of the Orlando Public Library and the City's Parking Commission. The Action Plan also calls for preserving historic landmarks and cooperating with the Church Street Station project, historic Orlando's complete entertainment and dining complex.

Growing as a center of government, finance, insurance and general business activity, downtown Orlando has remained a pleasant place to live as well as work. Some of the City's finest neighborhoods are near the central business district, and new developments include several high and low rise apartments and condominiums. Lake Eola and its surrounding park enjoy increasing popularity for outdoor concerts, art shows and holiday celebrations, and several smaller parks are maintained in the City's core for residents and workers.

Employment

Principal categories of manufacturing in Orange and nearby counties, together with approximate employment at November 1977 and November 1978 are as follows:

	<u>1978</u>	<u>1977</u>
Durable Goods:		
Stone, clay and glass products.....	1,300	1,000
Fabricated metal products.....	1,600	1,600
Ordinance and electrical machinery.....	7,200	5,400
Machinery except electrical.....	2,300	2,100
Other durable goods.....	8,900	8,200
Non-durable Goods:		
Food and kindred products.....	4,200	4,000
Printing and publishing.....	2,900	2,700
Other non-durable goods.....	3,300	3,100
Total Manufacturing.....	31,700	28,100

Note: Includes Orange, Osceola and Seminole Counties

Source: Orlando Area Chamber of Commerce

EMPLOYMENT SECTOR

ORLANDO SMSA

(In Thousands)

	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978(a)</u>
Manufacturing							
(durable/nondurable)	25.9	28.8	28.3	24.5	25.7	27.1	31.7
Contract Construction.....	22.8	30.2	24.2	12.6	11.7	12.3	14.4
Transportation, Communication & Public Utilities.....	10.6	12.1	12.5	11.8	11.5	11.3	12.2
Trade, Wholesale & Retail.....	46.4	54.7	59.1	57.3	59.8	61.6	63.0
Finance, Insurance & Real Estate	12.2	13.8	14.9	14.4	14.3	15.3	16.8
Service & Miscellaneous.....	44.9	51.4	52.1	51.5	54.7	57.8	60.2
Government.....	28.1	30.9	34.2	35.2	36.1	37.4	39.2
<u>Total (Including Other).....</u>	<u>190.9</u>	<u>221.9</u>	<u>225.3</u>	<u>207.3</u>	<u>213.8</u>	<u>222.8</u>	<u>237.5</u>

Note: The above figures do not include self-employed, unpaid family or domestic.

Source: Florida Department of Labor Statistics Division

(a) to November 1978

COMPARISON OF UNEMPLOYMENT RATE*

(Percentage)

<u>Calendar Year End 12/31</u>	<u>Orlando Metropolitan** Area</u>	<u>Florida</u>	<u>United States</u>
1971(a)	5.2	4.9	5.9
1972(a)	4.2	4.5	5.6
1973(a)	4.4	4.3	4.9
1974(b)	6.6	6.3	5.6
1975(b)	11.3	10.6	8.5
1976(b)	9.0	9.0	7.7
1977(b)	7.0	7.0	7.0
1978(b)	5.9	6.4	5.9

* Received figures from State of Florida—Labor Statistics

** Includes Orange, Osceola and Seminole Counties

(a) Calculated by census sharing

(b) Calculated by disgregate method

Transportation

McCoy International Jetport provides air transportation to all parts of the United States and increasing service for both cargo and passengers to foreign cities. Eastern, National, Delta, Southern, Air Florida, Braniff, United, TWA, Allegheny, Piedmont and Ozark Airlines, along with a number of intra-state carriers, provide far-reaching, efficient air transportation for thousands of passengers per day and play a vital part in the area's growing tourist industry. During 1978, the total number of arriving and departing passengers at the Jetport was 5,182,264, which represents a 24.7% increase over the 1977 total of 4,154,781. Total air freight increased from 18,327 tons in 1977 to 23,075 tons in 1978. The Jetport provides approximately 1,300 jobs and generates approximately \$180 million a year in revenues.

During 1976 the Jetport terminal was remodeled and enlarged to handle increased passenger loads when it became an international port of entry. Development of 2,500 acres of land acquired from the U.S. Air Force will result in a new airport complex employing up to 5,000 persons, complementary airport industry, and the introduction of international flights. A new \$225 million terminal scheduled to open in 1980 is under construction.

The Jetport also contains 201 acres designated as a Foreign Trade Zone within which goods may be stored duty-free and quota-free until processed and shipped.

The Orlando area is also served by three satellite airports. Herndon Airport, a 1,000-acre facility near downtown, is home base for three fixed base operators and over 275 locally owned aircraft. Sanford Industrial Airport, in nearby Seminole County, includes over 1,600 acres and is ideal for aviation-oriented industries, companies which operate executive aircraft, and for those who use chartered aircraft. A new 6,000 square foot terminal houses Kissimmee Municipal Airport in adjacent Osceola County.

The Orlando area is crossed by Interstate 4 for east-west travel and the Florida Turnpike for north-south travel. The Martin Andersen Beeline Expressway links the east coast beaches with Interstate 4 and the Turnpike. The Holland East-West Expressway expedites traffic through the City. Long range planning is underway for a belt line around the Orlando area, and consideration is being given to the feasibility of a mass rapid transit system.

The metropolitan area is served by 29 common carrier truck lines, most of which have local terminals. In addition to several parcel delivery and package express services covering Orlando and neighboring communities, 16 freight forwarding companies provide service.

Greyhound and Trailways Bus Lines offer charter, express and passenger service. Seaboard Coastline Railroad provides freight and passenger service. Rail passenger stations in the Orlando area are the busiest in the southeast, with some 500 Amtrak passengers arriving and leaving daily. Auto-Train transports passengers and their automobiles between Sanford and Lorton, Virginia and St. Louis, Missouri.

Military

On July 1, 1968 the U.S. Naval Training Center, Orlando, was commissioned on the site formerly occupied by Orlando Air Force Base. With two component commands and 18 tenant commands, the Center is one of the largest Naval Training Facilities on the Atlantic coast, and one of the most modern in the Navy. It includes Recruit Training Command, Service School Command, Naval Training Equipment Center, Advanced Undersea Weapons School, Navy Finance Office, Defense Contract Administration Service, Naval Hospital, and various concomitant departments and support facilities. In addition, two new training facilities, the Basic Electricity & Electronics School and the Enlisted Navy Recruiter Orientation Detachment, began operation during July 1975. The Center currently employs approximately 5,000 military and civilian personnel and between 4,500 and 9,500 recruits.

The Navy's two Nuclear Power Schools were recently moved to Orlando in two stages. The first phase of the consolidation move brought the Nuclear Power School from Bainbridge, Maryland to Orlando during 1975, while the second phase brought the Navy's Nuclear Power School at Mare Island, California to Orlando during the first quarter of 1977. Now that both moves are completed, approximately 3,000 students and staff are assigned to this Command, increasing the total Navy Training Center payroll by approximately \$10 million. Three hundred additional family housing units have recently been constructed at the Naval Training Center Annex at McCoy (formerly McCoy Air Force Base) to supplement the existing 668 homes in preparation for the arrival of the married staff and personnel assigned to the Nuclear Power School.

The Center disburses approximately \$135 million annually. Approximately \$2 million in military construction is underway and an additional \$23 million a year is spent on services and materials. The annual payroll is approximately \$88 million and about half of this is estimated to go directly into the local economy.

Housing

The development boom of the 1971-1973 period in the greater Orlando area (Orange-Seminole-Osceola Counties) resulted in the construction of several thousand condominium and apartment units which numbered 68,316 at the end of the third quarter of 1978. Single-family residences and mobile homes totaled 161,109 and 19,909 respectively, for the same period. The total number of residential units in the City of Orlando is 48,430. 5.5% of residential units were unoccupied as of April 1, 1978. These units are within the Orlando Utilities Commission service area and are already connected to its water and electric systems. As these units become occupied, the Commission will not have to assume hook-up and meter installation costs since they have already been paid for from the system's earnings.

A review of the number of building permits issued for single-family dwelling units in Orange County indicates that there is an increase in this type of construction activity in recent periods. Set forth below are the number of permits issued during the four quarters of 1977 and 1978 together with the percentage increase in those periods during 1978 over 1977:

<u>Quarter</u>	<u>1977</u>	<u>1978</u>	<u>Increase%</u>
I	476	847	78%
II	649	1030	59%
III	691	818	18%
IV	592	1176	98%

Source: East Central Florida Regional Planning Council, Autumn, 1978

Another important indicator in housing market and population analysis is the number of residential electric meters. The number of meters in Orange County (served by the Orlando Utilities Commission and Florida Power Corp.) shows that the number of active meters during the fourth quarter of 1978 represents an increase of 3.8% over the same period for the prior year. The number of meters in Orange County are as follows:

<u>Quarter</u>	<u>Number Meters</u>	<u>Quarter</u>	<u>Number Meters</u>
I/77	152,907	I/78	158,106
II/77	152,951	II/78	158,232
III/77	153,918	III/78	159,663
IV/77	156,655	IV/78	162,615

Source: East Central Florida Regional Planning Council, Autumn, 1978

Agriculture and Citrus

Three of the State's largest manufacturers of frozen concentrate orange juice are located in Orange County at Winter Garden, Plymouth and Orlando. Plymouth Citrus Growers Association, a large fresh citrus shipper, is located just north of Orlando. Orange County is currently the fourth largest citrus producing county in the state with 54,000 acres producing approximately 15.4 million boxes (worth approximately \$35 million) of fruit annually. Farmers in the Zellwood area are major producers of sweet corn, celery and leafy vegetable crops, the value of which exceeds \$18 million per year. Apopka, the heart of the nation's leading foliage plant producing area, is located in the County. Production of ornamental foliage plants in 1978 was over \$57,000,000 which makes this facet of horticulture number one in terms of production dollars. Production of dairy products, cattle and poultry have a combined annual worth of \$6,750,000.

Banking and Finance

The central Florida area is served by fifty-four banks with total deposits of more than \$1.4 billion. Included in this number are locally owned independent banks and unit banks which are subsidiaries of bank holding companies. The geographic location of Orlando, coupled with the recent rapid economic growth, has caused the area to become a mature financial center in record time. The area has become an insurance center, with six regional home offices and nine national home offices. Employment in insurance firms has more than doubled from 2,400 employees to 4,900 employees in the past ten years.

BUSINESS BAROMETER

(Orlando Metro Area)

Income/Sales	1960	1970	1974	1975	1976	1977
Income per capita	\$ 1,698	\$ 2,999	\$ 4,513	\$ 4,680	\$ 5,120	\$ 5,634
Income per Household	5,356	9,471	13,628	13,586	14,719	15,840
Retail Sales	443,987	872,075	1,987,961	2,059,078	2,406,349	2,757,22
Effective Buying Income (000).....	596,076	1,394,079	2,676,472	2,891,010	3,079,141	3,399,26

Source: 1978 Survey of Buying Power—Sales Management

<u>Economic Indicator</u>	<u>Dec. 1978</u>	<u>Dec. 1977</u>	<u>Percent Change</u>	<u>Year to Date 1978</u>	<u>Year to Date 1977</u>	<u>Percent Change</u>
Construction						
No. of Residential Units	870	586	+48.5	\$ 8,999	\$ 5,757	+56.4%
Value Residential Units (000)	\$ 28,114	\$ 15,489	+81.5%	\$ 293,003	\$ 163,247	+79.5%
Total Value (000)	\$ 50,077	\$ 28,931	+73.1%	\$ 449,946	\$ 289,844	+55.2%
Employment						
Civilian Labor Force	288,354	281,195	+2.5%	288,559	275,392	+4.8%
Non-Farm	240,000	229,700	+4.5%	236,454	224,998	+5.1%
Manufacturing	32,400	28,600	+13.3%	30,300	27,050	+12.0%
Unemployed	17,091	18,270	-6.5%	17,842	21,422	-16.7%
Unemployment Rate	5.9%	6.5%		6.2%	7.8%	
Transportation(b)						
Total Air Passengers	412,112	332,724	+23.9%	4,762,919	3,794,654	+25.5%
Air Cargo/Mail Enplaned (tons)	1,759	1,427	+23.3%	21,459	16,683	+28.6%
Tourism						
Hotel/Motel Occupancy Rate	47%	54%	-13.0%	67%	61%	+9.8%
Hotel/Motel Rooms Rented Per Night	14,758	16,486	-10.5%	20,835	18,634	+11.8%
Number Convention Delegates	19,376	25,697	-24.6%	430,488	380,923	+13.0%
Number of Conventions	129	141	-8.5%	2,252	1,761	+27.9%
Miscellaneous						
Bankruptcies Filed(c)	45	71	-57.8%	834	897	-7.6%
Real Estate Sales(000)(a)	\$ 61,876	\$ 37,191	+66.4%	\$ 796,441	\$ 590,047	+35.0%
Real Estate Mortgages(000)(a)	\$ 63,449	\$ 33,352	+90.2%	\$ 670,525	\$ 487,442	+37.6%
Postal Receipts(000) (as of Sept. '78)	\$ 2,316	\$ 1,729	+34.0%	\$ 17,435	\$ 15,021	+16.1%
Sales Tax Collected(d) (as of Oct. '78)	\$ 11,988	\$ 9,765	+22.8%	\$ 119,877	\$ 97,651	+22.8%

(a) Orange County

(b) Previous Month

(c) Orange, Seminole, Osceola, Brevard & Volusia Counties

(d) Orange, Seminole & Osceola Counties (monthly average)

Source: Economic Research Department, Orlando Area Chamber of Commerce

Education

The Orlando area has four major institutions of higher learning: University of Central Florida (formerly Florida Technological University), Rollins College, Seminole Community College, and Valencia Community College. UCF, which opened in 1968, is located 12 miles east of Orlando. It is a four-year coeducational university with an enrollment of approximately 10,000 students. Rollins College in Winter Park, the oldest four-year institution of higher learning in the State, is an independent, coeducational liberal arts college with an enrollment of approximately 1,300. Valencia Community College, with an enrollment of approximately 8,000 students, has three campuses and is undergoing a \$3.5 million expansion program. Seminole Community College has approximately 3,600 students.

The Orange County School Board operates 74 elementary schools, 20 junior high schools and 11 senior high schools with a combined current enrollment of approximately 85,000 students.

THE BOND RESOLUTION

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A RESOLUTION AMENDING "A RESOLUTION AUTHORIZING THE ISSUANCE OF NOT EXCEEDING \$250,000,000 WATER AND ELECTRIC REVENUE REFUNDING AND IMPROVEMENT BONDS, SERIES 1978, OF THE ORLANDO UTILITIES COMMISSION, TO FINANCE PART OF THE COST OF THE CONSTRUCTION OF ADDITIONS, EXTENSIONS AND IMPROVEMENTS TO THE WATER AND ELECTRIC SYSTEM, AND THE REFUNDING OF CERTAIN OUTSTANDING OBLIGATIONS HERETOFORE ISSUED BY THE ORLANDO UTILITIES COMMISSION; AND PROVIDING FOR THE TERMS OF SAID WATER AND ELECTRIC REVENUE REFUNDING AND IMPROVEMENT BONDS, SERIES 1978, AND THE RIGHTS, SECURITY AND REMEDIES OF THE HOLDERS THEREOF."

Whereas, the Commission has duly adopted a Resolution authorizing the issuance of Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, on April 18, 1978 and hereby determines to amend said Resolution, therefore be it resolved by the Orlando Utilities Commission that said Resolution be amended to read in full as follows:

**ARTICLE I
STATUTORY AUTHORITY, FINDINGS
AND DEFINITIONS**

SECTION 1. AUTHORITY OF THIS RESOLUTION.

This resolution is adopted pursuant to the provisions of Chapter 9861, Laws of Florida, Acts of 1923, as amended and supplemented by Chapter 10968, Laws of Florida, Acts of 1925, as amended by Chapter 13198, Laws of Florida 1927, Chapter 24758, Laws of Florida 1947, Chapters 31075, 31076, 31077, 31078, 31080 and 31092, Laws of Florida 1955, Chapter 2589, Laws of Florida 1961, and other applicable provisions of law.

SECTION 2. FINDINGS. It is hereby ascertained, determined and declared:

A. That the Commission now operates, maintains and controls a municipal Water and Electric System for the supply and distribution of water and electricity within and without the City of Orlando, Florida. The Commission, pursuant to the authority set forth in Section 1 hereof was created and established to operate, maintain and control the Water and Electric System, as a part of the City of Orlando, and has since 1923, had full and complete control and jurisdiction of the Water and Electric System.

B. That there is hereby authorized the construction of additions, extensions and improvements to the Water and Electric System including but not limited to an additional steam electric generating unit at McIntosh Plant, with rail and coal unloading storage and handling facilities, a solid refuse burning facility, and sewage effluent handling facilities for the cooling requirements of the generating unit, additions to the electric transmission and substation facilities, additions to the water production plant and transmission systems and to the water plant central computer control system, and other facilities appurtenant, necessary, or incidental to any of the above listed facilities. The said additional steam electric generating unit shall be an undivided 40% interest as tenants in common in a joint ownership project in participation with the City of Lakeland, Florida, which shall own the remaining undivided 60% interest in the project.

C. That the construction of additions, extensions and improvements to the Water and Electric System is imperative in order to preserve the public health and safety of the citizens of the City of Orlando and other customers, and it is essential to the physical and economic necessity of said City that the Water and Electric System be continued, maintained, im-

proved and extended as provided in this resolution.

D. The Commission has constructed additions, extensions and improvements to the Water and Electric System, financed pursuant to a resolution adopted by the Commission on March 13, 1948 (hereinafter referred to as the "Original Resolution"), by the proceeds of \$20,500,000 Water and Electric Revenue Bonds, Series 1957, dated October 1, 1957, issued pursuant to a resolution supplemental to said Original Resolution, adopted November 26, 1957, by the proceeds of \$8,000,000 Water and Electric Revenue Bonds, Series 1959, dated October 1, 1959, issued pursuant to a resolution supplemental to said Original Resolution, adopted October 13, 1959, by the proceeds of \$28,000,000 Water and Electric Revenue Bonds, Series 1962, dated April 1, 1962, issued pursuant to a resolution supplemental to said Original Resolution, adopted March 27, 1962 by the proceeds of \$20,000,000 Water and Electric Revenue Bonds, Series 1970, dated October 1, 1970, issued pursuant to a resolution supplemental to said Original Resolution adopted September 21, 1970, by the proceeds of \$33,500,000 Water and Electric Revenue Bonds, Series 1971, dated October 1, 1971, issued pursuant to a resolution supplemental to said Original Resolution adopted July 13, 1971, by the proceeds of \$15,000,000 Water and Electric Revenue Bonds, Series 1973, dated April 1, 1973, issued pursuant to a resolution supplemental to said Original Resolution, adopted April 10, 1973 by the proceeds of \$10,000,000 Water and Electric Revenue Bonds, Series 1975-A, dated April 1, 1975, and of \$9,875,000 Water and Electric Revenue Bonds, Series 1975-B, issued pursuant to a resolution supplemental to said Original Resolution adopted July 8, 1975. That the Commission has refunded the Water and Electric Revenue Bonds, Series 1975-A, dated April 1, 1975 maturing in the years 1986 to 2002, inclusive, from the proceeds of the \$8,875,000 Water and Electric Revenue Refunding Bonds, Series 1976, issued pursuant to a resolution supplemental to said Original Resolution adopted September 23, 1976.

E. That the Commission has heretofore issued and has now outstanding and unpaid the Outstanding Obligations.

F. That the Revenues derived from the operation of the Water and Electric System are not pledged or encumbered in any manner except for the payment of principal of and interest on the Outstanding Obligations. That the Commission also makes Transfers of Funds which are subordinate to the lien on the Revenues of the Bonds authorized by this resolution.

G. That there is hereby authorized the payment and refunding of the Outstanding Obligations all in the manner as provided by this resolution.

H. That for the payment and refunding of the Outstanding Obligations the Commission shall as provided herein deposit part of the proceeds derived from the sale of the Bonds in a

special Escrow Deposit Trust Fund together with the proceeds derived from the sale of Special Obligation Bonds to be authorized by the Commission and issued simultaneously with the Bonds which shall be sufficient, at the time of such deposit, to pay and refund the Outstanding Obligations as the same become due and payable or are redeemed prior to maturity, all as provided in this resolution.

I. That the estimated Gross Revenues to be derived in each year hereafter from the operation of the Water and Electric System will be sufficient to pay all the costs of operation and maintenance of the Water and Electric System, the principal of and interest on the Bonds to be issued pursuant to this resolution, as the same become due, and all sinking fund, reserve and other payments provided for in this resolution.

J. That the principal of and interest on the Bonds to be issued pursuant to this resolution, and all of the reserve, sinking fund and other payments provided for in this resolution will be paid solely from the Net Revenues derived from the operation of the Water and Electric System and certain investment income, except, however, the principal of certain term bonds are additionally secured by and payable from moneys and investments on deposit in the Investment Account, all as provided herein; and the ad valorem taxing power of the City, or the taxation of real estate in the City or the application of any other funds of the Commission will never be authorized to pay the principal of and interest on the Bonds to be issued pursuant to this resolution, or to make any of the reserve, sinking fund or other payments provided for in this resolution, and the Bonds issued pursuant to this resolution shall not constitute a debt of the Commission or the City or be a lien upon the Water and Electric System or upon any other property whatsoever of the Commission or of the City.

K. That the cost of the construction of the additions, extensions and improvements to the Water and Electric System and the refunding of the Outstanding Obligations shall be deemed to include but shall not be limited to the cost of any lands or real estate, including easements or other interests therein, or any other property, real or personal, necessary therefor; interest on the Bonds issued pursuant to this resolution prior to, during, and for one year after the completion of the construction of the additions, extensions and improvements to the Water and Electric System authorized by this resolution; administration expenses; capitalization of all or part of the reserve or other funds created and established pursuant to this resolution; discount on the sale of the Bonds, if any; engineering and legal expenses; expenses for fiscal agents or financial services; expenses for estimates of costs and of revenues; expenses for plans, specifications and surveys; and such other expenses as may be necessary or incidental to the construction of the additions, extensions and improvements to the Water and Electric System authorized by this resolution and the placing of the same in operation; provided, however, such cost shall not include any legal expenses, expenses for fiscal agents or financial services, expenses for estimates of costs and of revenues and such other expenses as may be necessary or incidental and incurred by the Commission in connection with the issuance of the Bonds which shall be paid from the Escrow Deposit Trust Fund as provided herein.

L. That the Bonds authorized to be issued by this resolution may be issued at one time or from time to time as determined by the Commission; provided, however, that a sufficient amount of Bonds authorized by this resolution shall be

issued simultaneously with the Special Obligation Bonds which shall provide a sufficient amount of Bond proceeds to pay and refund the Outstanding Obligations in the manner provided in this resolution.

SECTION 3. RESOLUTION CONSTITUTES CONTRACT. In consideration of the acceptance of the Bonds authorized to be issued hereunder by those who shall hold the same from time to time, this resolution shall be deemed to be and shall constitute a contract between the Commission and such Bondholders and the covenants and agreements herein set forth to be performed by said Commission shall be for the equal benefit, protection and security of the legal holders of any and all of such Bonds and the coupons attached thereto, all of which shall be of equal rank and without preference, priority, or distinction of any of the Bonds or coupons over any other thereof except as expressly provided therein and herein.

SECTION 4. DEFINITIONS. That, as used in this resolution, the following terms shall have the following meanings:

A. "Act" shall mean Chapter 9861, Laws of Florida, Acts of 1923, as amended and supplemented by Chapter 10968, Laws of Florida, Acts of 1925, as amended by Chapter 13198, Laws of Florida 1927, Chapter 24758, Laws of Florida 1947, Chapters 31075, 31076, 31077, 31078, 31080 and 31092, Laws of Florida 1955, Chapter 2589, Laws of Florida 1961, and other applicable provisions of law.

B. "Annual Debt Service Requirement" shall mean, at any time, the amount required to be deposited in the then current Fiscal Year into the Interest Account, Principal Account, Investment Account and the Bond Redemption Account, as provided in this resolution; provided, however, that such amount shall be reduced by any earnings or investment income in the then current Fiscal Year on moneys and investments on deposit in the Investment Account and the Debt Service Reserve Account.

C. "Maximum Annual Debt Service" shall mean, at any time, the maximum amount required to be deposited in the then current or any succeeding Fiscal Year into the Interest Account, Principal Account, Investment Account and Bond Redemption Account, as provided in this resolution; provided, however, that such amount shall be reduced (i) by any determinable earnings or investment income projected to be earned on the Investment Account Securities and (ii) by any estimated earnings or investment income from investments in the Debt Service Reserve Account which estimate shall be based on the income and earnings to be received from the investments then on deposit in the Debt Service Reserve Account. The amount of Term Bonds maturing in any Fiscal Year shall not be included in determining the Maximum Annual Debt Service.

D. "Bondholder" or "Holder of Bonds" or any similar term, shall mean any person who shall be the bearer or owner of any Bond or Bonds registered to bearer or not registered, or the registered owner of any outstanding Bond or Bonds which shall at the time be registered other than to bearer, or of coupons representing interest accrued or to accrue on said Bonds.

E. "Bonds" shall mean the \$250,000,000 Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, authorized to be issued pursuant to this resolution, to-

gether with any pari passu additional Bonds hereafter issued pursuant to this resolution in the manner herein provided, and the interest coupons attached to the Bonds.

F. "City" shall mean the City of Orlando, Florida.

G. "Consulting Engineer" shall mean any qualified and recognized nationally known engineer or engineering firm as determined by the Commission.

H. "Commission" shall mean the Orlando Utilities Commission.

I. "Escrow Deposit Agreement" shall mean the Escrow Deposit Agreement, dated as of April 1, 1978, entered into by and between the Commission and a bank or trust company or national banking association, as trustee, to be hereafter designated by resolution of the Commission, in connection with the refunding of the Outstanding Obligations.

J. "Fiscal Year" shall mean that period commencing on October 1 and continuing to and including the next succeeding September 30, or such other annual period as may be prescribed by law.

K. "Investment Account Securities" shall mean the direct obligations of the United States of America or obligations that are fully guaranteed by the United States of America which are to be deposited in the Investment Account in the Sinking Fund for the payment of the principal of the Term Bonds payable from said Investment Account.

L. "Revenues" or "Gross Revenues" shall mean all rates, fees, charges or other income received by the Commission or accrued to the Commission or any agency thereof in control of the management and operation of the Water and Electric System, and all parts thereof, from the operation of the Water and Electric System, and shall also include the investment income deposited in the Revenue Fund derived from the investment and reinvestment of moneys on deposit in the various funds and accounts created and established by this resolution, which by the terms and provisions of this resolution are required to be deposited in the Revenue Fund.

M. "Net Revenues" shall mean the (i) Gross Revenues remaining after deduction of (ii) Operating Expenses not inclusive of (a) Transfers of Funds and (b) Payments to Orange County and (c) any Demand Charge Components.

N. "Operating Expenses" shall mean the current expenses, paid or accrued, of operation, maintenance and ordinary current repairs of the Water and Electric System and its facilities and shall include, without limiting the generality of the foregoing, insurance premiums, administrative expenses of the Commission relating solely to the Water and Electric System, and such other reasonable current expenses as shall be in accordance with generally accepted accounting practice. "Operating Expenses" shall not include any allowance for depreciation.

O. "Outstanding Obligations" shall mean the following outstanding obligations of the Commission:

(i) Water and Electric Revenue Bonds, Series 1957, dated October 1, 1957, outstanding in the amount of \$10,325,000 maturing April 1 in the years 1979-1984;

(ii) Water and Electric Revenue Bonds, Series 1959, dated October 1, 1959, outstanding in the amount of \$5,900,000 maturing April 1 in the years 1979-1986;

(iii) Water and Electric Revenue Bonds, Series 1962, dated April 1, 1962, outstanding in the amount of \$23,600,000, maturing April 1 in the years 1979-1992;

(iv) Water and Electric Revenue Bonds, Series 1970, dated October 1, 1970, outstanding in the amount of \$18,915,000, maturing April 1 in the years 1979-1996;

(v) Water and Electric Revenue Bonds, Series 1971, dated October 1, 1971, outstanding in the amount of \$31,530,000, maturing April 1 in the years 1979-1998;

(vi) Water and Electric Revenue Bonds, Series 1973, dated April 1, 1973, outstanding in the amount of \$13,525,000, maturing April 1 in the years 1979-2003;

(vii) Water and Electric Revenue Bonds, Series 1975 A, dated April 1, 1975, outstanding in the amount of \$1,300,000, maturing April 1 in the years 1979-1985;

(viii) Water and Electric Revenue Bonds, Series 1975 B, dated April 1, 1975, outstanding in the amount of \$9,730,000 maturing April 1 in the years 1979-2005;

(ix) Water and Electric Revenue Refunding Bonds, Series 1976, dated April 1, 1976 outstanding in the amount of \$8,500,000, maturing in the years 1986-2002; and

(x) Interest which becomes due on or before April 1, 1985 on the Water and Electric Revenue Bonds, Series 1975 A, dated April 1, 1975 maturing April 1 in the years 1986-2002.

P. "Serial Bonds" shall mean the Bonds of an issue which shall be stated to mature in annual or semi-annual installments but not including Term Bonds.

Q. "Special Obligation Bonds" shall mean or have reference to a principal amount of not exceeding \$125,000,000 of Special Obligation Bonds, Series 1978, of the Commission, to be issued simultaneously with the Bonds which are issued to provide for the refunding of the Outstanding Obligations.

R. "Term Bonds" shall mean the Bonds of an issue which shall be stated to mature on one date and for the amortization of which payments are required to be made into the Investment Account or the Bond Redemption Account in the Sinking Fund.

S. "Transfers of Funds" shall mean the transfers of funds made to the general fund of the City which includes but not limited to (a) funds pledged in the amount of \$180,000 per year for the retirement of the City's 1955 Sewer Revenue Bonds; and (b) funds pledged in the amount of \$480,000 per year for the retirement of the City's 1970 Improvement Revenue Bonds.

T. "Payments to Orange County" shall mean contributions made to Orange County, Florida pursuant to the proceedings of the Orlando Utilities Commission, dated March 13, 1973.

U. "Water and Electric System" shall mean the complete water and electric light plants now under the control and

jurisdiction of the Commission, together with any and all additions, extensions and improvements hereafter made to the Water and Electric System from any sources whatsoever, including the additions, extensions and improvements to the Water and Electric System constructed from the proceeds of the Bonds, and shall include (without being limited to) all lands of interest therein, plants, buildings, machinery, franchises, pipes, fixtures, equipment and all property, real or personal, tangible or intangible, now or hereafter owned or used in connection with the Water and Electric System.

V. "U.S. Obligations" shall mean the direct obligations of the United States of America held by the trustee under the Escrow Deposit Agreement.

W. "Demand Charge Component" shall mean that portion of any rates, fees, charges or payments which the Commission is obligated to pay to another entity for purchase of electrical output for the specific purpose of meeting principal or interest or both on that entity's obligations. Demand Charge Components shall be excluded from Operating Expenses, but shall rank on a parity as to payment with the Bonds provided the provisions of Article III, Section 4H are met, at the time such Demand Charge Components are incurred. Otherwise, Demand Charge Components shall be subordinate to the Bonds.

Words importing singular number shall include the plural number in each case and vice versa, and words importing persons shall include firms and corporations.

ARTICLE II AUTHORIZATION, TERMS, EXECUTION AND REGISTRATION OF BONDS

SECTION 1. AUTHORIZATION OF BONDS. Subject and pursuant to the provisions of this resolution, obligations of the Commission to be known as "Water and Electric Revenue Refunding and Improvement Bonds, Series 1978" are hereby authorized to be issued in the aggregate principal amount of not exceeding TWO HUNDRED FIFTY MILLION DOLLARS (\$250,000,000) for the purpose of financing part of the cost of the additions, extensions and improvements to the Water and Electric System and the payment and refunding of the Outstanding Obligations as provided in this resolution.

SECTION 2. DESCRIPTION OF BONDS. The Bonds shall be dated, shall be in the denomination of \$5,000 each; shall bear interest at not exceeding the maximum rate or rates permitted by law, payable semi-annually on April 1 and October 1 of each year, and shall mature annually on April 1 of each year or semi-annually on April 1 and October 1 of each year in such amounts, as provided for by subsequent resolution of the Commission.

The Bonds shall be issued in coupon form, shall bear interest at such rate or rates, shall be payable at such place or places of payment within or without the State of Florida as the Commission shall determine by subsequent resolution.

SECTION 3. REDEMPTION PROVISIONS. The Bonds may be subject to redemption prior to maturity at such times, at such redemption prices and upon such terms in addition to the terms contained in this resolution as may be determined by subsequent resolution of the Commission.

SECTION 4. EXECUTION OF BONDS AND COUPONS. Said Bonds shall be signed in the name of the Commission by the President of the Commission and its seal shall be affixed thereto or imprinted or reproduced thereon and attested by the Secretary of the Commission. The signatures of said President and Secretary on said Bonds may be a manual or facsimile signature, provided that one of such signatures shall be a manual signature. In case any one or more of the officers who shall have signed or sealed any of the Bonds shall cease to be such officer of the Commission before the Bonds so signed and sealed shall have been actually sold and delivered, such Bonds may nevertheless be sold and delivered as herein provided and may be issued as if the person who signed and sealed such Bonds had not ceased to hold such office. Any Bond may be signed and sealed on behalf of the Commission by such person as at the actual time of the execution of such Bond shall hold the proper office, although at the date of such Bonds such person may not have held such office or may not have been so authorized.

The coupons to be attached to the Bonds and the validation certificate on the back thereof may be signed with the facsimile signatures of the present or any future President and Secretary, aforesaid, and the Commission may adopt and use for that purpose the facsimile signature of any person who shall have been such President and Secretary at any time on or after the date of the Bonds, notwithstanding that he may have ceased to be such President or Secretary at the time when said Bonds shall be actually delivered.

SECTION 5. NEGOTIABILITY AND REGISTRATION. The Bonds may be registered at the option of the holder as to principal only, or as to both principal and interest, at the office of the Registrar as shall be hereafter appointed, or such other Registrar as may thereafter be appointed, such registration to be noted on the back of said Bonds in the space provided therefor. After such registration as to principal only, or as to both principal and interest, no transfer of the Bonds shall be valid unless made at said office by the registered owner, or by his duly authorized agent or representative and similarly noted on the Bonds, but the Bonds may be discharged from registration by being in like manner transferred to bearer and thereupon transferability by delivery shall be restored. At the option of the holder, the Bonds may thereafter again from time to time be registered or transferred to bearer as before. Such registration as to principal only shall not affect the negotiability of the coupons which shall continue to pass by delivery.

The Bonds shall be and have all the qualities and incidents of negotiable instruments under the law merchant and the Uniform Commercial Code-Investment Securities Law of the State of Florida, and each successive holder, in accepting any of said Bonds or the coupons appertaining thereto, shall be conclusively deemed to have agreed that such Bonds shall be and have all the qualities and incidents of negotiable instruments under the law merchant and the Uniform Commercial Code-Investment Securities Law of the State of Florida, and each successive holder shall be conclusively deemed to have agreed that said Bonds shall be incontestable in the hands of a bona fide holder for value.

SECTION 6. BONDS MUTILATED, DESTROYED, STOLEN OR LOST. In case any Bond shall become mutilated or be destroyed, stolen or lost, the Commission may, in its discretion, issue and deliver a new Bond with all unmatured coupons attached of like tenor as the Bond and attached

coupons, if any, so mutilated, destroyed, stolen or lost, in exchange and substitution for such mutilated Bond, upon surrender and cancellation of such mutilated Bond and attached coupons, if any, or in lieu of and in substitution for the Bond and attached coupons, if any, destroyed, stolen or lost and upon the holder furnishing the Commission proof of his ownership thereof and satisfactory indemnity including any expenses or costs the Commission may incur in connection therewith and complying with such other reasonable regulations and conditions as the Commission may require. All Bonds and coupons so surrendered shall be cancelled by the Secretary and held for the account of the Commission. If any such Bond or coupon shall have matured or be about to mature, instead of issuing a substituted Bond or coupon, the Commission may pay the same upon being indemnified as aforesaid, and if such Bond or coupon be lost, stolen or destroyed, without surrender thereof.

Any such duplicate Bonds and coupons issued pursuant to this Section shall constitute additional contractual obligations on the part of the Commission, whether or not the lost, stolen or destroyed Bonds or coupons be at any time found by anyone, and such duplicate Bonds and coupons shall be entitled to equal and proportionate benefits and rights as to lien on and source and security for payment from the Net Revenues of the Water and Electric System and certain investment income, with all other Bonds and coupons issued hereunder.

SECTION 7. FORM OF BONDS AND COUPONS. The text of the Bonds and coupons shall be of substantially the following tenor, with such omissions, insertions and variations as may be necessary and desirable and authorized or permitted by this resolution or any subsequent resolution adopted prior to the issuance thereof:

No. _____ \$5,000

UNITED STATES OF AMERICA
STATE OF FLORIDA
COUNTY OF ORANGE
ORLANDO UTILITIES COMMISSION
WATER AND ELECTRIC
REVENUE REFUNDING AND
IMPROVEMENT BOND, SERIES 1978

KNOW ALL MEN BY THESE PRESENTS, that the Orlando Utilities Commission, in Orange County, Florida, for value received, hereby promises to pay to the bearer or, if this Bond be registered, to the registered holder as herein provided, on the first day of _____, _____, solely from the net revenues and certain investment income, hereinafter mentioned, the principal sum of

FIVE THOUSAND DOLLARS

with interest thereon at the rate of _____ per centum (____%) per annum, payable semi-annually on the first day of April and the first day of October of each year, upon the presentation and surrender of the annexed coupons as they severally fall due. Both principal of and interest on this Bond are payable at _____

_____ in lawful money of the United States of America.

This Bond is one of an authorized issue of Bonds in the aggregate principal amount of not exceeding \$250,000,000 of like date, tenor, and effect, except as to number, date of maturity and interest rate, issued for the purpose of financing

** To be inserted in Term Bonds payable from the Investment Account: "and is additionally secured by and payable from moneys and investments on deposit in the investment account established pursuant to the Resolution."*

To be inserted in all Bonds not payable from the Investment Account: "This Bond is not secured by and payable from moneys and investments on deposit in the investment account established pursuant to the Resolution."

part of the cost of the construction of certain additions, extensions and improvements to the Water and Electric System of the Orlando Utilities Commission and together with the proceeds of \$125,000,000 Special Obligation Bonds, Series 1978, to be issued by the Commission simultaneously with the Bonds of the issue of which this Bond is one, to refund certain outstanding obligations of the Orlando Utilities Commission under the authority of and in full compliance with the Constitution and Statutes of the State of Florida, including Chapter 9861, Laws of Florida, Acts of 1923, as amended and supplemented by Chapter 10968, Laws of Florida, Acts of 1925, as amended by Chapter 13198, Laws of Florida 1927, Chapter 24758, Laws of Florida 1947, Chapters 31075, 31076, 31077, 31078, 31080 and 31092, Laws of Florida 1955, Chapter 2589, Laws of Florida 1961, and other applicable provisions of law, and a resolution duly adopted by the Orlando Utilities Commission on _____, 1978 as amended (hereinafter referred to as the "Resolution") and is subject to all the terms and conditions of said Resolution:

[Redemption Provisions]

This Bond and the coupons appertaining thereto are payable solely from and secured by a first lien upon and pledge of the net revenues derived from the operation of the Water and Electric System and certain investment income*, all in the manner provided in the resolution authorizing said issue of Bonds. Reference is made to the Resolution for the provisions, among others, relating to the terms, lien and security for the Bonds, the custody and application of the proceeds of the Bonds, the rights and remedies of the holders of the Bonds and the rights, duties and obligations of the Orlando Utilities Commission.

This Bond does not constitute an indebtedness of the Orlando Utilities Commission or the City of Orlando within the meaning of any constitutional, statutory or charter provision or limitation; and it is expressly agreed by the holder of this Bond and the coupons appertaining thereto that such holder shall never have the right to require or compel the exercise of the ad valorem taxing power of the City, or the taxation of real estate in the City or the application of any other funds of the Commission or the City, for the payment of the principal of and interest on this Bond or the making of any sinking fund, reserve, or other payments provided for in the Resolution authorizing this issue of Bonds.

It is further agreed between the Orlando Utilities Commission and the holder of this Bond that this Bond and the obligation evidenced thereby shall not constitute a lien upon the Water and Electric System, or any part thereof, or on any other property of the Orlando Utilities Commission or the City of Orlando, but shall constitute a lien only on the net revenues derived from the operation of the Water and Electric System*, all in the manner provided in the Resolution.

The Commission, in the Resolution, has covenanted and agreed with the holders of the Bonds to fix, establish and maintain such rates and collect such fees, rentals, or other charges for the services and facilities of the Water and Electric System, and to revise the same from time to time whenever necessary, as will always provide in each year, net revenues adequate at all times to pay at least one hundred twenty-five percent (125%) of the annual debt service requirement (as defined in the Resolution) for the Bonds and any pari passu additional Bonds hereafter issued, and that such net revenues shall be sufficient to make all other payments required by the

terms of the Resolution and that such rates, fees, rentals or other charges shall not be reduced so as to be insufficient to provide funds for such purposes.

Additional bonds, payable from revenues pari passu with the Bonds of which this Bond is one, may be issued by the Commission from time to time upon conditions and in the manner provided in the Resolution. Such pari passu additional bonds shall not be secured by or payable from the moneys and investments on deposit in the investment account established by the Resolution.

It is hereby certified and recited that all acts, conditions and things required to exist, to happen, and to be performed, precedent to and in the issuance of this Bond exist, have happened and have been performed in regular and due form and time as required by the Laws and Constitution of the State of Florida applicable thereto, and that the issuance of this Bond, and of the issue of Bonds of which this Bond is one, is in full compliance with all constitutional, statutory or charter limitations or provisions.

This Bond, and the coupons appertaining thereto, is and has all the qualities and incidents of a negotiable instrument under the law merchant and the Uniform Commercial Code-Investment Securities Law of the State of Florida, and the original holder and each successive holder of this Bond, or of the coupons appertaining thereto, shall be conclusively deemed by his acceptance thereof to have agreed that this Bond and the coupons appertaining thereto shall be and have all the qualities and incidents of negotiable instruments under the law merchant and the Uniform Commercial Code-Investment Securities Law of the State of Florida, and the original holder and each successive holder of this Bond, and of coupons appertaining thereto, shall be conclusively deemed to have agreed and consented to the following terms and conditions:

(a) Title to this Bond, unless registered as herein provided, and to the annexed interest coupons, may be transferred by delivery in the manner provided for negotiable instruments payable to bearer in the law merchant and the Uniform Commercial Code-Investment Securities Law of the State of Florida; and

(b) Any person in possession of this Bond, unless registered as herein provided, or of the interest coupons hereunto appertaining, regardless of the manner in which he shall have acquired possession, is hereby authorized to represent himself as the absolute owner hereof and is hereby granted power to transfer absolute title hereto by delivery hereof to a bona fide purchaser, that is, to anyone who shall purchase the same for value (present or antecedent) without notice of prior defenses or equities or claims of ownership enforceable against his transferor. Every prior taker or owner of this Bond, unless registered as herein provided, and of the annexed coupons, waives and renounces all of his equities and rights herein in favor of each such bona fide purchaser; and every such bona fide purchaser shall acquire absolute title hereto and to all rights represented hereby; and

(c) The Commission may treat the bearer of this Bond, unless registered as herein provided, or of the interest coupons hereunto appertaining, as the absolute owner hereof for all purposes without being affected by any notice to the contrary.

This Bond may be registered as to principal only, or as to both principal and interest, in accordance with the provisions endorsed hereon.

IN WITNESS WHEREOF, the Orlando Utilities Commission has caused this Bond to be signed by its President, either manually or with his facsimile signature, and the seal of the Orlando Utilities Commission or a facsimile thereof to be affixed hereto or imprinted or reproduced hereon, and attested by the Secretary of the Orlando Utilities Commission, either manually or with his facsimile signature, and the coupon attached to be executed with the facsimile signatures of said President and Secretary, all as of the first day of _____, 1978.

ORLANDO UTILITIES COMMISSION

(SEAL)

President

Attest:

Secretary

CERTIFICATE OF CITY OF ORLANDO

The issuance of this Bond, and the issue of which this Bond is one, has been approved, ratified, and confirmed by a resolution adopted by the City Council of the City of Orlando, Florida, on _____, 1978.

City Clerk

Mayor

FORM OF COUPON

No. _____ \$ _____

On the _____ day of _____, 19____, *Orlando Utilities Commission, in Orange County, Florida, will pay to the bearer at

in lawful money of the United States of America, from the revenues described in the Bond to which this coupon is attached, the sum of _____ dollars (\$ _____), upon presentation and surrender of this coupon, being the semi-annual interest

then due on its Water and Electric Revenue Refunding and Improvement Bond, Series 1978, dated _____ 1, 1978.

ORLANDO UTILITIES COMMISSION

By _____
President

Attest:

Secretary

*To be inserted in coupons maturing after first prior redemption date; "(unless the Bond to which this coupon was attached has been duly called for redemption prior to maturity and payment thereof duly provided for)"

**FORM OF VALIDATION
CERTIFICATE**

This Bond is one of a Series of Bonds which were validated by judgment of the Circuit Court of the Ninth Judicial Circuit of Florida, in and for Orange County, Florida, rendered on the _____ day of _____, 1978.

President

Secretary

PROVISIONS FOR REGISTRATION

This Bond may be registered in the name of the holder on the books to be kept by the _____

as Registrar, or such other Registrar as may hereafter be duly appointed, as to principal only, such registration being noted hereon by such Registrar in the registration blank below, after which no transfer shall be valid unless made on said books by the registered holder or his duly authorized agent or representative duly authorized and similarly noted in the registration blank below, but may be discharged from registration by being transferred to bearer, after which it shall be transferable by delivery, but it may be again registered as before. The registration of this Bond as to principal shall not restrain the negotiability of the coupons by delivery merely, but the coupons may be surrendered and the interest made payable only to the registered holder, in which event the Registrar shall note in the registration blank below that this Bond is registered as to interest as well as principal, and thereafter the interest will be remitted by mail to the registered holder. With the consent of the holder and of the Orlando Utilities Commission, this Bond, when converted into a Bond registered as to both principal and interest, may be reconverted into a coupon Bond and again converted into a Bond registered as to both principal and interest as hereinabove provided. Upon reconversion of this Bond, when registered as to principal and interest into a coupon Bond, coupons representing the interest to accrue upon this Bond to date of maturity shall be attached thereto by the Registrar and the Registrar shall note in the registration blank below whether this Bond is registered as to principal only or payable to bearer.

Date of Registration	In Whose Name Registered	Manner of Registration	Signature of Registrar
:	:	:	:
:	:	:	:
:	:	:	:

**ARTICLE III
COVENANTS, FUNDS AND
APPLICATION THEREOF**

SECTION 1. BONDS NOT TO BE INDEBTEDNESS OF THE COMMISSION AND THE CITY. Neither the Bonds nor the coupons appertaining thereto shall be or constitute an

indebtedness of the Commission or the City, within the meaning of any constitutional, statutory or charter provisions or limitations; but shall be payable solely from the Net Revenues derived from the operation of the Water and Electric System and certain investment income except, however, the Term Bonds payable from the Investment Account are additionally secured by and payable from moneys and investments on deposit in the Investment Account, as herein provided. No holder or holders of any Bonds issued hereunder, or of any coupon appertaining thereto, shall ever have the right to compel the exercise of the ad valorem taxing power of the City, or taxation in any form of any real property therein, or the application of any other funds of the Commission or the City to pay the Bonds or the interest thereon.

SECTION 2. BONDS SECURED BY PLEDGE OF NET REVENUES AND CERTAIN INVESTMENT INCOME. The payment of the principal of and interest on all of the Bonds issued hereunder and any pari passu additional Bonds hereafter issued, as provided herein, shall be secured forthwith equally and ratably by a first lien on and pledge of the Net Revenues derived from the operation of the Water and Electric System and of the earnings and investment income derived from the moneys and investments on deposit in the Investment Account and the Debt Service Reserve Account and deposited in the Interest Account in the manner provided in this resolution. The Term Bonds payable from the Investment Account are additionally secured by and payable from moneys and investments on deposit in the Investment Account. The Net Revenues derived from the Water and Electric System and the certain investment income, in an amount sufficient to pay the principal of and interest on the Bonds herein authorized and to make the payments into the sinking fund and all other payments provided for in this resolution, are hereby irrevocably pledged to the payment of the principal of and interest on the Bonds authorized herein, and other payments provided for herein, as the same become due and payable.

SECTION 3. APPLICATION OF BOND PROCEEDS. All moneys received by the Commission from the sale of the Bonds originally authorized and issued pursuant to this resolution shall be disbursed as follows:

A. The accrued interest derived from the sale of the Bonds shall be deposited in the Interest Account hereinafter created and established and used for the purpose of paying the interest becoming due and payable on said Bonds on their next interest payment date.

B. A sufficient amount of Bond proceeds shall be deposited in the Debt Service Reserve Account hereinafter created and established which together with all of the moneys and securities on deposit in the debt service reserve accounts created pursuant to the proceedings which authorized the issuance of the Outstanding Obligations, which by the terms and provisions of this resolution shall be transferred to the Debt Service Reserve Account, shall be equal to the Maximum Annual Debt Service.

C. A sufficient amount of Bonds proceeds together with the proceeds derived from the sale of the Special Obligation Bonds which shall be issued simultaneously with the Bonds shall be deposited in an escrow deposit trust fund to be held by a bank or trust company, as Trustee, under the terms and provisions of the Escrow Deposit Agreement and applied in the following manner:

(i) A portion of said moneys shall be deposited irrevocably in trust in the escrow deposit trust fund under the terms and provisions of the Escrow Deposit Agreement, such moneys shall at the time of such deposit be sufficient to pay the principal of and interest on the Outstanding Obligations

as the same shall become due and payable or are redeemed prior to their maturity, and shall be invested in U.S. Obligations in the manner set forth in the Escrow Deposit Agreement, which investments (being the principal of the investments purchased in accordance with the terms of the Escrow Deposit Agreement), shall mature at such times and in such amounts as shall be sufficient to pay the principal of and interest on the Outstanding Obligations as the same mature and become due and payable or are redeemed prior to maturity. Such investments shall further provide sufficient income and earnings to pay the principal of and interest on the Special Obligation Bonds as the same mature and become due and payable in the manner provided in the resolution which authorized their issuance and in the Escrow Deposit Agreement.

(ii) The balance of said moneys provided for in this subsection C shall also be deposited into a special account in the escrow deposit trust fund and used for the purpose of paying the expenses incurred by the Commission in connection with the issuance of the bonds and the Special Obligation Bonds.

D. The balance of the Bond proceeds, shall be deposited in a "Construction Fund" in a bank or trust company which is eligible under the laws of the State of Florida to receive deposits of state and municipal funds, which fund is hereby created and established. No withdrawals shall be made from the Construction Fund without the written approval of the Consulting Engineer and only upon receipt of a written requisition executed by the duly authorized official in charge of the Water and Electric System, specifying the purpose for which such withdrawal is to be made and certifying that such purpose is one of the purposes provided for in this resolution provided, however, that no such written approval shall be required for legal, financial and engineering expenses and fees in connection with the construction of the additions, extensions and improvements to the Water and Electric System, and interest on the Bonds prior to, during and for one year after the completion of the construction of the additions, extensions and improvements to the Water and Electric System. If for any reason the moneys in said Fund, or any part thereof, are not necessary for, or are not applied to the purposes provided in this resolution then such unapplied proceeds shall be deposited, upon certification of the Consulting Engineer that such unapplied proceeds are not needed for the purposes of the Construction Fund, in the following order:

First to the Debt Service Reserve Account hereinafter created and established to the full extent necessary to make the amount then on deposit therein equal to the maximum amount required to be on deposit in the Debt Service Reserve Account in accordance with the terms of this resolution.

Second to the Renewal and Replacement Fund hereinafter created and established to the full extent necessary to make the amount then on deposit therein equal to the maximum amount required to be on deposit in the Renewal and Replacement Fund in accordance with the terms of this resolution.

Third the balance, if any, for any lawful capital expenditures in connection with the Water and Electric System or the redemption or purchase of outstanding Bonds.

The moneys deposited in the Construction Fund may, pending their use for the purposes provided in this resolution, be temporarily invested (i) in direct obligations of the United

States of America, (ii) in obligations fully guaranteed by the United States of America, (iii) Certificates of Deposit and Repurchase Agreements continuously and fully secured by direct obligations of the United States of America, obligations fully guaranteed by the United States of America, or insured by the Federal Deposit Insurance Corporation, maturing not later than the dates on which such moneys will be needed for the purpose of the Construction Fund, or (iv) such other obligations as are permitted by the applicable laws of the State of Florida. All the income and earnings from such investments and reinvestments shall remain in and become a part of the Construction Fund and used for the purposes of the Construction Fund.

Any moneys received by the Commission from the State of Florida or from the United States of America or any agencies thereof for the purpose of financing part of the cost of the additions, extensions and improvements to the Water and Electric System authorized herein, shall be deposited in the Construction Fund and used in the same manner as Bond proceeds are used therein; provided, however, that separate accounts may be established in the Construction Fund for moneys received pursuant to the provisions of this paragraph whenever required by Federal or State regulations.

All of the proceeds of the sale of the Bonds shall be and constitute trust funds for the purposes hereinabove provided and there is hereby created a lien upon such moneys, until so applied, in favor of the holders of said Bonds.

SECTION 4. COVENANTS OF THE COMMISSION.
The Commission hereby covenants and agrees with the holders of any and all of the Bonds issued pursuant to this resolution as follows:

A. ARBITRAGE COVENANT. The Commission agrees that it will not direct the investment of the proceeds of the Bonds in a manner which would cause the Bonds to be "arbitrage bonds" as defined in Section 103(c) of the Internal Revenue Code of 1954, as amended, or the regulations thereunder, proposed or in effect as of the date of issuance of the Bonds.

B. RATES. That the Commission will fix, establish and maintain such rates and collect such fees, rentals or other charges for the services and facilities of its Water and Electric System, and revise the same from time to time whenever necessary, as will always provide in each Fiscal Year, Net Revenues adequate at all times to pay in each Fiscal Year at least one hundred twenty-five percent (125%) of the Annual Debt Service Requirement for the Bonds and any pari passu additional Bonds hereafter issued, and that such Net Revenues shall be sufficient to make all other payments required by the terms of this resolution and that such rates, fees, rentals or other charges shall not be so reduced so as to be insufficient to provide adequate Revenues for such purpose.

C. WATER AND ELECTRIC SYSTEM REVENUE FUND. That the entire Gross Revenues derived from the operation of said Water and Electric System shall be deposited in a special fund in a bank or trust company which is eligible under the laws of the State of Florida to receive deposits of state and municipal funds, which fund is hereby created, established and designated as the "Water and Electric Revenue Fund" (hereinafter referred to as the "Revenue Fund"). Said Revenue Fund shall constitute a trust fund for the purposes

provided in this resolution, and shall for the purposes of an accounting be kept separate and distinct from all other funds of the Commission and used only for the purposes and in the manner provided for in Section 4E of this Article III.

D. OPERATION AND MAINTENANCE. That it will maintain in good condition the Water and Electric System and all parts thereof, and will operate the same in an efficient and economical manner, making such expenditures for equipment and for renewal, repair and replacement as may be proper for the economical operation and maintenance thereof.

E. DISPOSITION OF REVENUES. There are hereby created and established the following funds and accounts:

The "Water and Electric Sinking Fund" (hereinafter referred to as the "Sinking Fund"). There are also hereby created five (5) separate accounts in said Sinking Fund to be known as the "Interest Account," the "Principal Account," the "Investment Account," the "Bond Redemption Account" and the "Debt Service Reserve Account."

The "Water and Electric Renewal and Replacement Fund" (hereinafter referred to as the "Renewal and Replacement Fund").

The Sinking Fund and the five (5) separate accounts therein and the Renewal and Replacement Fund shall be deposited in a bank or trust company which is eligible under the laws of the State of Florida to receive deposits of state and municipal funds.

All revenues at any time remaining on deposit in the Revenue Fund shall be disposed of only in the following manner:

1. Revenues shall be used to pay the current Operating Expenses of the Water and Electric System.

2. Revenues shall next be used, to the full extent necessary, for deposit into the Interest Account in the Sinking Fund, on the fifteenth (15th) day of each month, beginning with the fifteenth (15th) day of the first full calendar month following the date on which any or all of the Bonds are delivered to the purchaser thereof, such sums as shall be sufficient to pay one-sixth of the interest becoming due on the Bonds on the next semi-annual interest payment date, provided, however, that such monthly deposits for interest shall not be required to be made into the Interest Account to the extent moneys are deposited in the Interest Account from the proceeds of the Bonds as provided in Sections 3A and 3D of Article III hereof and are sufficient for such purpose.

Any moneys that are deposited in the Interest Account from the earnings and investment income derived from the moneys and investments on deposit in the Debt Service Reserve Account and the Investment Account shall be credited against the amount of Revenues required to be deposited in the Interest Account as provided in this subsection and such Revenues shall not be required to be deposited into the Interest Account as long as the amount on deposit therein is equal to or greater than the amount required to be on deposit in the Interest Account at the time of such computation.

3. Revenues shall next be used, to the full extent necessary,

(a) for deposit in the Principal Account on the fifteenth (15th) day of each month in each year, one-sixth (1/6th) of

the principal amount of the Bonds which will mature and become due on such semi-annual maturity dates and one-twelfth (1/12th) of the principal amount of the Serial Bonds which will mature and become due on such annual maturity dates, beginning on such dates, as shall hereafter be determined by subsequent resolution of the Commission.

(b) for deposit in the Investment Account on the fifteenth (15th) day of each month in each year, beginning on such date, in such amounts and in each year as may be required for the payment or redemption of the Term Bonds payable from the Investment Account as shall hereafter be determined by subsequent resolution of the Commission. Any interest or investment income derived from the Investment Account Securities retained in the Investment Account, shall be credited against the amount of Revenues required to be deposited into the Investment Account as provided in this subsection.

The moneys deposited in the Investment Account for the Term Bonds payable therefrom shall be applied to the purchase of the Investment Account Securities at such times and in such amounts as the Commission shall determine by subsequent resolution. The moneys deposited in the Investment Account until applied to the purchase of Investment Account Securities may be invested in (i) in direct obligations of the United States of America or (ii) obligations fully guaranteed by the United States of America, (iii) in Certificates of Deposit or Repurchase Agreements continuously and fully secured by (i) or (ii) above or insured by the Federal Deposit Insurance Corporation, which mature prior to the date that such moneys shall be required for the purposes of the Investment Account.

In the event that any of the Investment Account Securities shall be called for redemption in accordance with the terms, the moneys resulting therefrom may be retained in the Investment Account and may be reinvested in Investment Account Securities. Such moneys or Investment Account Securities may be applied at the option of the Commission for the purchase or redemption of the Term Bonds payable from the Investment Account or the payment of said Term Bonds at maturity.

The Investment Account Securities shall be held in trust by a bank or trust company pursuant to an agreement entered into by and between the Commission and said bank or trust company, and shall be pledged and applied solely to the payment of the principal of said Term Bonds at maturity or to their payment upon the prior redemption thereof.

There shall be initially deposited in the Investment Account all moneys and investments on deposit in the sinking fund created and established by the proceedings which authorized the issuance of the Outstanding Obligations except for the debt service reserve account therein.

All interest or investment income derived from all moneys and investments on deposit in the Investment Account shall remain in and become a part of the Investment Account and such interest or investment income shall be used as received and credited against the amount of Revenues required to be deposited in the Investment Account as provided in this Section 4E(3)(b) of this Article III. Until applied for the purchase of Investment Account Securities all interest or investment income may be invested as provided in this Section 4E(3)(b) of this Article III. When there is on deposit in the Investment Account a sufficient principal amount of Investment Account Securities together with any other funds on deposit in the Investment Account to pay the principal of the Term Bonds

payable therefrom no further deposits into said Investment Account shall be necessary and thereafter all interest or investment income derived from the Investment Account Securities shall be transferred on the next business day following their receipt and deposited in the Interest Account and used for the purposes thereof.

Such interest or investment income derived from all moneys and investments on deposit in the Investment Account shall be pledged to the purchase of Investment Account Securities until there is on deposit in the Investment Account a sufficient principal amount of Investment Account Securities together with any other funds on deposit in the Investment Account to pay the principal of the Term Bonds payable therefrom.

(c) for deposit into the Bond Redemption Account on the fifteenth (15th) day of each month in each year, beginning on such date, in such amounts and in each year as may be required for the payment of the Term Bonds payable from the Bond Redemption Account, as shall hereafter be determined by subsequent resolution of the Commission.

The moneys in the Bond Redemption Account shall be used at the option of the Commission for the purchase or redemption of the Term Bonds payable therefrom or such moneys or investments may be retained in the Bond Redemption Account, invested and reinvested as provided herein and applied to the payment of said Term Bonds prior to or at their maturity. The Commission may at any time purchase any of said Term Bonds at prices not greater than the then redemption price of said Term Bonds. If the Term Bonds are not then redeemable prior to maturity, the Commission may purchase said Term Bonds at prices not greater than the redemption price of such Term Bonds on the next ensuing redemption date. The Commission at its option may use any moneys in said Bond Redemption Account for the redemption prior to maturity of such Term Bonds in such manner and at times as shall be determined by subsequent resolution provided.

No distinction or preference shall exist in the use of the moneys on deposit in the Revenue Fund for payment into the Interest Account, the Principal Account, the Investment Account and the Bond Redemption Account, such accounts being on a parity with each other.

4. Revenues shall next be used, to the full extent necessary, for deposits into the Debt Service Reserve Account on the fifteenth (15th) day of each month in each year, beginning with the fifteenth (15th) day of the first full calendar month following the date on which any or all of the Bonds issued hereunder are delivered to the purchaser thereof, such sums as shall be sufficient to pay an amount equal to one-twelfth of twenty percent (1/12th of 20%) of the Maximum Annual Debt Service; provided, however, that no payments shall be required to be made into said Debt Service Reserve Account whenever and as long as the amount deposited therein shall be equal to the Maximum Annual Debt Service.

There shall be initially deposited in the Debt Service Reserve Account, from the proceeds derived from the sale of the Bonds and the moneys and securities transferred from the debt service reserve accounts created and established for the Outstanding Obligations, an amount equal to the Maximum Annual Debt Service, as provided in Section 3D of this Article III.

Moneys in the Debt Service Reserve Account shall be used only for the purpose of making payments into the Interest Account, Principal Account, Bond Redemption Account and Investment Account when the moneys in the Revenue Fund

are insufficient therefor; provided, however, that moneys on deposit in the Debt Service Reserve Account shall be used for the purpose of making payments into the Investment Account when the moneys in the Revenue Fund and/or the interest or investment income derived from the Investment Account Securities are insufficient therefor and such payments made into the Investment Account in accordance with this paragraph shall be invested in such manner as not to breach or to violate the "Arbitrage Covenant" as set forth in Section 4A of this Article III.

In the event that any moneys shall be withdrawn from the Debt Service Reserve Account for payments into the Interest Account, Principal Account, Bond Redemption Account and the Investment Account such withdrawals shall be subsequently restored from the first Revenues or funds available after all required payments have been made into the Interest Account, Principal Account, Bond Redemption Account and Investment Account including any deficiencies for prior payments.

Any moneys in the Debt Service Reserve Account in excess of the Maximum Annual Debt Service for the bonds and any *pari passu* additional Bonds hereafter issued may, in the discretion of the Commission, be transferred to and deposited in the Renewal and Replacement Fund and used as provided herein for said fund.

5. Revenues shall next be used for the payment of any subordinated obligations hereafter issued by the Commission in accordance with Section 4G of this Article III; provided, however, such subordinated obligations shall be paid only after payment of the Transfers of Funds.

6. Revenues shall next be used, to the full extent necessary, for deposits in the Renewal and Replacement Fund on the fifteenth (15th) day of each month, beginning with the fifteenth (15th) day of the first full calendar month following the date on which any or all of the Bonds issued hereunder are delivered to the purchasers thereof, such sums as shall be sufficient to pay one-twelfth (1/12th) of fifteen per centum (15%) of the Gross Revenues derived from the Water and Electric System during the preceding Fiscal Year, after deducting from such Gross Revenues a sum equal to one hundred per centum (100%) of the fuel expense and energy component of purchased power expenses incurred during such Fiscal Year. No further payments shall be required to be made into the Renewal and Replacement Fund when there shall have been deposited therein, an amount at least equal to fifteen per centum (15%) of the Gross Revenues derived from the Water and Electric System for the preceding Fiscal Year, after deducting from such Gross Revenues a sum equal to one hundred per centum (100%) of the fuel expense and energy component of purchased power expenses incurred during such Fiscal Year, provided, however, that (i) such required amounts for deposit may be increased or decreased as the Consulting Engineer shall certify is necessary for the purposes of the Renewal and Replacement Fund, and (ii) in the event that the Consulting Engineer shall certify that the amounts on deposit are excessive for the purposes of the Renewal and Replacement Fund such excess amount may be withdrawn from the Renewal and Replacement Fund by the Commission and used for any lawful purpose in connection with the Water and Electric System.

The moneys in the Renewal and Replacement Fund shall be used, when necessary, for the purpose of paying the cost of extensions, improvements or additions to, or the replacement or renewal of capital assets of the Water and Electric System, or extraordinary repairs of the Water and Electric System.

The moneys in the Renewal and Replacement Fund shall be used for the payment into the Interest Account, Principal Account, Investment Account and Bond Redemption Account when the moneys in the Revenue Fund and Debt Service Reserve Account are insufficient therefor.

There shall be initially deposited in the Renewal and Replacement Fund all moneys and securities on deposit in the renewal and replacement funds created and established by the proceedings which authorized the issuance of the Outstanding Obligations and such amounts shall be credited against the amount required to be deposited in the Renewal and Replacement Fund, as provided in this resolution.

7. Thereafter, the balance of any revenues remaining in said Revenue Fund shall be used (i) to make any Transfers of Funds, and (ii) for any lawful purpose in connection with the Water and Electric System; provided, however, that none of such revenues shall ever be used for the purposes provided in this paragraph (7) unless all payments required in paragraphs (1) to (6) above, including any deficiencies for prior payments, have been made in full to the date of such use, and the Commission shall have fully complied with all covenants and agreements contained in this resolution.

8. The Interest Account, Principal Account, Investment Account, Bond Redemption Account, Debt Service Reserve Account, Renewal and Replacement Fund and all other special funds created and established by this resolution shall constitute trust funds.

Moneys on deposit in the Revenue Fund, Interest Account, Principal Account and the Bond Redemption Account may be invested (i) in direct obligations of the United States of America (ii) in obligations fully guaranteed by the United States, (iii) in Certificates of Deposit or Repurchase Agreements continuously and fully secured by (i) or (ii) above or insured by the Federal Deposit Insurance Corporation, maturing not later than the dates on which such moneys will be needed for the purposes of such fund or account, or (iv) such other obligations as are permitted by the applicable laws of the State of Florida.

Moneys on deposit in the Debt Service Reserve Account may be invested (i) in direct obligations of the United States of America, or (ii) in obligations fully guaranteed by the United States of America, maturing not later than the final maturity of any of the Bonds.

Moneys on deposit in the Renewal and Replacement Fund may be invested (i) in direct obligations of the United States of America, (ii) in obligations fully guaranteed by the United States of America, (iii) in Certificates of Deposit or Repurchase Agreements continuously and fully secured by (i) or (ii) above or insured by the Federal Deposit Insurance Corporation, or (iv) such other obligations as are permitted by the applicable laws of the State of Florida, which mature within five (5) years from the time of such investment.

All income and earnings received from the investment and reinvestment of moneys on deposit in the Interest Account, Principal Account, Bond Redemption Account and Renewal and Replacement Fund shall be transferred on the next business day following their receipt to the Revenue Fund and used in the same manner and order of priority as other moneys on deposit therein.

All income and earnings received from the investment and reinvestment of moneys on deposit in the Investment Account shall remain on deposit therein until the maximum amount required to be on deposit in said Investment Account is on deposit therein, thereafter such income and earnings shall be transferred on the next business day following their receipt to the Interest Account and used as provided in Section 4E(2) of this Article III.

All income and earnings received from the investment and reinvestment of moneys on deposit in the Debt Service Reserve Account shall be transferred on the next business day following their receipt to the Interest Account and used in the same manner as with moneys on deposit therein as provided in Section 4E(2) hereof.

For the purpose of investing or reinvesting, the Commission may commingle moneys in the funds and accounts created and established hereunder in order to achieve greater investment income; provided that the Commission shall separately account for the amounts so commingled.

9. If on any payment date the Revenues are insufficient to place the required amount in any of the funds or accounts or for any of the purposes provided above, the deficiency shall be made up on the subsequent payment dates.

F. SALE OF THE WATER AND ELECTRIC SYSTEM.
That the Water and Electric System may be sold or otherwise disposed of only as a whole or substantially as a whole, only if the net proceeds to be realized, together with other moneys available for such purpose, shall be sufficient fully to retire all of the Bonds issued pursuant to this resolution and all interest thereon to their respective dates of maturity or earlier redemption dates. The proceeds from such sale or other disposition of the Water and Electric System shall immediately be deposited in the Sinking Fund and shall be used only for the purpose of paying the principal of and interest on the Bonds as the same shall become due, or the redemption of callable Bonds, or the purchase of Bonds at a price not greater than the redemption price of said Bonds, or, if the Bonds are not then redeemable prior to maturity, at prices not greater than the redemption price of such Bonds on the next ensuing redemption date.

The foregoing provision notwithstanding, the Commission shall have and hereby reserves the right to sell, lease or otherwise dispose of any of the tangible property comprising a part of the Water and Electric System in the following manner, if any one of the following conditions exist: (i) such property is not necessary for the operation of the Water and Electric System or (ii) such property is not useful in the operation of the Water and Electric System or (iii) such property is not profitable in the operation of the Water and Electric System.

Prior to any such sale, lease or other disposition of said property; (i) if the amount to be received therefor is not in excess of one-hundredth (1/100th) of one per centum (1%) of the value of the gross plant of the Water and Electric System at original cost, the general manager or other authorized officer in charge of the Water and Electric System shall make a finding in writing determining that such property comprising a part of such Water and Electric System is either no longer necessary, useful or profitable in the operation thereof.

(ii) If the amount to be received from such sale, lease or other disposition of said property shall be in excess of one-tenth (1/10) of one per centum (1%) of the value of the gross plant of the Water and Electric System at original cost, the general manager or other duly authorized officer in charge of the Water and Electric System and the Consulting Engineer shall each first make a finding in writing determining that such property comprising a part of such Water and Electric System is either no longer necessary, useful or profitable in the operation thereof, and the Commission shall, by resolution duly adopted, approve and concur in the finding of the general manager or other duly authorized officer and the Consulting Engineer.

Such proceeds shall be deposited in the Renewal and Replacement Fund to the extent necessary to make the amount on deposit therein equal to the amount then required to be on deposit therein; and any additional moneys not needed for said Renewal and Replacement Fund shall be used for any capital expenditures in connection with the Water and Electric System or the purchase or redemption of outstanding Bonds.

G. ISSUANCE OF OTHER OBLIGATIONS PAYABLE OUT OF REVENUES. That the Commission will not issue any other obligations, except upon the conditions and in the manner provided herein, payable from the Revenues, nor voluntarily create or cause to be created any debt, lien, pledge, assignment, encumbrance or any other charge having priority to or being on a parity with the lien of the Bonds issued pursuant to this resolution and the interest thereon, upon any of the Revenues. Any other obligations issued by the Commission in addition to the Bonds authorized by this resolution or pari passu additional Bonds issued under the terms, restrictions and conditions contained in this resolution, shall contain an express statement that such obligations are junior, inferior and subordinate in all respects to the Bonds issued pursuant to this resolution as to lien on and source and security for payment from the Revenues and in all other respects. Any such subordinate indebtedness shall also be subordinate to the Transfers of Funds.

H. ISSUANCE OF PARI PASSU ADDITIONAL BONDS. That no pari passu additional Bonds, as in this subsection defined, payable pari passu with Bonds issued pursuant to this resolution out of Revenues shall be issued after the issuance of any Bonds pursuant to this resolution except upon the conditions and in the manner herein provided. Such pari passu additional Bonds shall not be secured by or payable from the moneys and investments on deposit in the Investment Account. Any Demand Charge Component shall be deemed to be an outstanding pari passu additional Bond for purposes of this resolution if the conditions hereinafter set forth are met.

The Commission may issue pari passu additional Bonds for the purpose of financing the cost of construction of additions, extensions, and improvements to or construction of, revenue producing utilities within the operation, maintenance and control or jurisdiction of the Commission, either alone or jointly with other persons, public bodies or private bodies, or the cost of acquisition of revenue producing utilities to be, when acquired, within the operation, maintenance and control or jurisdiction of the Commission, either alone or jointly with other persons, public bodies or private bodies or for the purpose of refunding outstanding Bonds issued pursuant to this resolution.

No such pari passu additional Bonds shall be issued unless the following, among other conditions, are complied with:

(1) The Commission must be current in all deposits into the various funds and accounts and all payments theretofore required to have been deposited or made by it under the provisions of this resolution and have complied with the covenants and provisions of this resolution and any supplemental resolutions hereafter adopted for the issuance of additional pari passu Bonds.

(2) The amount of the Net Revenues during the immediate preceding Fiscal Year or any twelve (12) consecutive months selected by the Commission of the fifteen (15) months immediately preceding the issuance of said pari passu additional Bonds, adjusted as hereinafter provided, as certified by the Consulting Engineer, will be equal to One Hundred Fifty per centum (150%) of the Maximum Annual Debt Service on (1) the Bonds originally issued pursuant to this resolution and then outstanding, (2) any pari passu additional Bonds theretofore issued and then outstanding, and (3) the pari passu additional Bonds then proposed to be issued.

For the purpose of this Section 4H the phrase "immediate preceding Fiscal Year or the twelve (12) consecutive months of the fifteen (15) months immediately preceding the issuance of said pari passu additional Bonds" shall be sometimes referred to as "twelve (12) consecutive months".

The Net Revenues calculated pursuant to the foregoing subsection (2) may be adjusted, at the option of the Commission, as follows:

(a) If the Commission, prior to the issuance of the proposed pari passu additional Bonds, shall have increased the rates, fees, rentals or other charges for the services of said Water and Electric System, the Net Revenues for the twelve (12) consecutive months immediately preceding the issuance of said pari passu additional Bonds, shall be adjusted to show the Net Revenues which would have been derived from said Water and Electric System in such twelve (12) consecutive months as if such increased rates, fees, rentals or other charges for the services of said Water and Electric System had been in effect during all of such twelve (12) consecutive months.

(b) If the Commission shall have acquired or has contracted to acquire any privately or publicly owned existing water system or electric system, the cost of which shall be paid from all or part of the proceeds of the issuance of the proposed pari passu additional Bonds, then the Net Revenues derived from the Water and Electric System during the twelve (12) consecutive months, immediately preceding the issuance of said pari passu additional Bonds, shall be increased by adding to the Net Revenues for said twelve (12) consecutive months the Net Revenues which would have been derived from said existing water system or electric system as if such existing water system or electric system had been a part of the Water and Electric System during such twelve (12) consecutive months. For the purposes of this paragraph, the net revenues derived from said existing water system or electric system during such twelve (12) consecutive months shall be adjusted to determine such net revenues by deducting the cost of operation and maintenance of said existing water system or electric system from the gross revenues of said existing water system or electric, in the manner provided in this resolution for the determination of Net Revenues.

(c) If the Commission, in connection with the issuance of pari passu additional Bonds, shall enter into a contract (with a duration not less than the final maturity of such pari passu additional Bonds) with any public or private entity whereby the Commission agrees to furnish services in connection with any water system or electric system then the Net Revenues of the Water and Electric System during the twelve (12) consecutive months immediately preceding the issuance of said pari passu additional Bonds shall be increased by the least amount which said public or private entity shall guarantee to pay in any one year for the furnishing of said services by the Commission, after deducting therefrom the proportion of operating expenses and repair, renewal and replacement cost attributable in such year to such services. Such payments shall be deemed to be revenues derived from said Water and Electric System and pledged for the Bonds in the same manner as other Revenues derived from said Water and Electric System.

(d) If the Commission shall be constructing or acquiring additions, extensions or improvements to the Water and Electric System from the proceeds of such pari passu additional Bonds and shall have established rates or charges to be charged and collected from users of such facilities when service is rendered, such Net Revenues may be adjusted by (i) adding thereto eighty per cent (80%) of the average annual net revenues estimated by the Consulting Engineer to be derived during the first three Fiscal Years of operation after completion of the construction or acquisition of said additions, extensions and improvements to the Water and Electric System, and (ii) dividing such total amount by two (2).

The term "pari passu additional Bonds" as used in this resolution shall be deemed to mean additional obligations evidenced by Bonds issued under the provisions and within the limitations of this subsection payable from the Revenues of said Water and Electric System pari passu with Bonds originally authorized and issued pursuant to this resolution. Such Bonds shall be deemed to have been issued pursuant to this resolution the same as the Bonds originally authorized and issued pursuant to this resolution and all of the covenants and other provisions of this resolution (except as to details of such Bonds evidencing such pari passu additional obligations inconsistent therewith), shall be for the equal benefit, protection and security of the holders of any Bonds originally authorized and issued pursuant to this resolution and holders of any Bonds evidencing additional obligations subsequently issued within the limitations of and in compliance with this subsection. All of such Bonds, regardless of the time or times of their issuance shall rank equally with respect to their lien on the Revenues of the Water and Electric System, and their sources and security for payment therefrom without preference of any Bonds, or coupons, over any other.

The term "pari passu additional Bonds" as used in this resolution shall not be deemed to include bonds, notes, certificates or other obligations subsequently issued under the terms of this resolution, the lien of which on the Revenues of the Water and Electric System is subject to the prior and superior lien on the Revenues of Bonds issued pursuant to this resolution, as provided in Section 4.G of this Article IV, and the Commission shall not issue any obligations whatsoever payable from the Revenues of

the Water and Electric System, which rank equally as to lien and source and security for their payment from such Revenues, with Bonds issued pursuant to this resolution except in the manner and under the conditions provided in this subsection.

In the event that the total amount of Water and Electric Revenue Refunding and Improvement Bonds, Series 1978 herein authorized to be issued are not issued simultaneously, such Bonds which are subsequently issued shall be subject to the restrictions, conditions and limitations of this Section 4H of this Article III.

I. **INSURANCE.** That the Commission will carry such insurance as is required by the State of Florida or is ordinarily carried by private or public corporations owning and operating similar utilities as the Water and Electric System with a reputable insurance carrier or carriers, including public liability insurance and such other insurance against loss or damage by fire, explosion, hurricane, cyclone or other hazards and risks.

J. **BOOKS AND RECORDS.** That the Commission will keep books and records of the Water and Electric System, which shall be separate and apart from all other books, records and accounts of the City, in which complete and correct entries shall be made in accordance with generally accepted accounting principles of all transactions relating to the Water and Electric System, and any holder of a Bond or Bonds issued pursuant to this resolution, shall have the right at all reasonable times to inspect said Water and Electric system and all parts thereof, and all records, accounts and data of the Commission relating thereto.

The Commission shall promptly after the close of each Fiscal Year cause the books, records and accounts of the Water and Electric System for such Fiscal Year to be properly audited by a qualified, recognized and nationally known independent firm of certified public accountants, and shall file the report of such certified public accountants in the office of the general manager of the Commission, which report shall cover in reasonable detail the operation of the Water and Electric System and shall mail upon request, and make available generally, said report, or a reasonable summary thereof, to any holder or holders of Bonds issued pursuant to this resolution.

K. **OPERATING BUDGET.** That the Commission shall annually prepare and adopt by proper proceedings of its governing body a detailed budget of the estimated expenditures for operation and maintenance of the Water and Electric System and the estimated Revenues of the Water and Electric System during the succeeding Fiscal Year. During that Fiscal Year the Commission shall cause to be prepared, each month, a detailed report in which actual expenditures are computed with budget amounts. The Commission shall review these reports, examine variances, and institute appropriate corrective action if they determine such variances are contrary to prudent utility management. The Commission shall mail copies of such annual budget and all resolutions authorizing increased expenditures for operation and maintenance to any holder or holders of Bonds who shall file his address with the Commission and request in writing that copies of all such budgets and resolutions be furnished him or them, and shall make available such budgets and all resolutions authorizing increased expenditures for operation and maintenance of the Water and Electric System at all reasonable times to any holder or holders of Bonds issued pursuant to this resolution.

L. MAINTENANCE OF THE WATER AND ELECTRIC SYSTEM. That the Commission will maintain said Water and Electric System in good condition and continuously operate the same in an efficient manner and at a reasonable cost as a revenue producing enterprise.

The Commission shall also, prior to the end of each Fiscal Year, cause the Water and Electric System to be inspected by the Consulting Engineers, who shall make a written report of such inspection and of the condition of the Water and Electric System of the Commission and file such annual report with the original purchasers of the Bonds and the Commission, and the Commission shall mail upon request, and make available generally, the report of said Consulting Engineers, or a reasonable summary thereof, to any holder of Bonds issued pursuant to this resolution.

M. SERVICES RENDERED BY THE COMMISSION. That the Commission will not render or cause to be rendered any free services of any nature by its Water and Electric System or any part thereof, nor will any preferential rates be established for users of the same class; and in the event the City, or any other political subdivision, public body, or any department, agency or instrumentality, officer or employee thereof, shall avail itself of the facilities or services provided by said Water and Electric System or any part thereof, the same rates, fees or charges applicable to other customers receiving like services under similar circumstances shall be charged the City, or such other political subdivision, public body, or any such department, agency, instrumentality, officer or employee. Such charges shall be paid as they accrue. The revenues so received shall be deemed to be Revenues derived from the operation of the Water and Electric System, and shall be deposited and accounted for in the same manner as other Revenues.

Provisions of this subsection shall not be deemed in any way to apply to any reduced rates for any classification of users for services and facilities of the Water and Electric System in effect on the date of the adoption of this resolution and shall be subject to any present or future applicable laws or regulations.

N. REMEDIES. Any holder of Bonds or of the coupons appertaining thereto issued under the provisions of this resolution or any trustee acting for such Bondholders in the manner hereinafter provided, may either at law or in equity, by suit, action, mandamus or other proceedings in any court of competent jurisdiction, protect and enforce any and all rights under the laws of the State of Florida, or granted and contained in this resolution, and may enforce and compel the performance of all duties required by this resolution or by any applicable statutes to be performed by the Commission or by any officer thereof, including the fixing, charging and collecting of rates, fees or other charges for the services and facilities of the Water and Electric System.

In the event that default shall be made in the payment of the interest on or the principal of any of the Bonds issued pursuant to this resolution as the same shall become due, or in the making of the payments into the Sinking Fund, including the accounts therein or any other payments required to be made by this resolution, or in the event that the Commission or any officer, agent or employee thereof shall fail or refuse to comply with the provisions of this resolution or shall default in any covenant made herein, and in the further event that any such default shall continue for a period of sixty (60) days, any holder of such Bonds, or any trustee appointed to represent Bondhol-

ders as hereinafter provided, shall be entitled as of right to the appointment of a receiver of the Water and Electric System in an appropriate judicial proceeding in a court of competent jurisdiction, whether or not such holder or trustee is also seeking or shall have sought to enforce any other right or exercise any other remedy in connection with Bonds issued pursuant to this resolution.

The receiver so appointed shall forthwith, directly or by his agents and attorneys, enter into and upon and take possession of the Water and Electric System, and each and every part thereof, and shall hold, operate and maintain, manage and control the Water and Electric System, and each and every part thereof, and in the name of the Commission shall exercise all the rights and powers of the Commission with respect to the Water and Electric System as the Commission itself might do. Such receiver shall collect and receive all Revenues and maintain and operate the Water and Electric System in the manner provided in this resolution and comply under the jurisdiction of the court appointing such receiver, with all of the provisions of this resolution.

Whenever all that is due upon Bonds issued pursuant to this resolution, and interest thereon, and under any covenants of this resolution for reserve, sinking funds or other funds, and upon any other obligations and interest thereon having a charge, lien or encumbrance upon the Revenues of the Water and Electric System, shall have been paid and made good, and all defaults under the provisions of this resolution shall have been cured and made good, possession of the Water and Electric System shall be surrendered to the Commission upon the entry of an order of the court to that effect. Upon any subsequent default, any holder of Bonds issued pursuant to this resolution, or any trustee appointed for Bondholders as hereinafter provided, shall have the right to secure the further appointment of a receiver.

Such receiver shall in the performance of the powers hereinabove conferred upon him be under the direction and supervision of the court making such appointment, shall at all times be subject to the orders and decrees of such court and may be removed thereby and a successor receiver appointed in the discretion of such court. Nothing herein contained shall limit or restrict the jurisdiction of such court to enter such other and further orders and decrees as such court may deem necessary or appropriate for the exercise by the receiver of any function not specifically set forth herein.

Any receiver appointed as provided herein shall hold and operate the Water and Electric System in the name of the Commission and for the joint protection and benefit of the Commission and holders of Bonds issued pursuant to this resolution. Such receiver shall have no power to sell, assign, mortgage or otherwise dispose of any assets of any kind or character belonging or pertaining to the Water and Electric System, except as provided herein, but the authority of such receiver shall be limited to the possession, operation and maintenance of the Water and Electric System for the sole purpose of the protection of both the Commission and said Bondholders.

The holder or holders of Bonds in an aggregate principal amount of not less than twenty-five per centum (25%) of Bonds issued under this resolution then outstanding may by a duly executed certificate in writing appoint a trustee for holders of Bonds issued pursuant to this resolution with authority to represent such Bondholders in any legal proceedings for the

enforcement and protection of the rights of such Bondholders. Such certificate shall be executed by such Bondholders or their duly authorized attorneys or representatives, and shall be filed in the office of the Secretary of the Commission.

O. ENFORCEMENT OF COLLECTIONS. That the Commission will diligently enforce and collect all fees, rentals or other charges for the services and facilities of the Water and Electric System, and take all steps, actions and proceedings for the enforcement and collection of such fees, rentals or other charges which shall become delinquent to the full extent permitted or authorized by applicable laws and regulations.

The Commission specifically covenants that it will, under reasonable regulations adopted by it, discontinue and shut off the supplying of water and electric services to any users of the Water and Electric System who shall fail to pay the fees, rentals or other charges for water and electric services within a period of thirty days from the due date thereof, to the extent permitted by applicable laws and regulations.

P. NO COMPETING SYSTEM. That neither the Commission nor the City will grant any franchise, license or permit, or cause or permit the granting of any franchise, license or permit, to any firm, corporation, agency or body, public or private, or any person whatsoever, for the supplying of water and electric power within the corporate limits of the City in competition with the Water and Electric System, except as may now exist.

Q. CONSULTING ENGINEER. The Commission will retain a Consulting Engineer on an annual basis to inspect the Water and Electric System and make the annual report concerning the same hereinbefore referred to, and to perform the duties provided for herein for such Consulting Engineer.

R. TRANSFER OF OUTSTANDING OBLIGATIONS, FUNDS AND ACCOUNTS. All moneys or investments on deposit in the various funds and accounts created and established by the proceedings which authorized the issuance of the Outstanding Obligations, upon the issuance and delivery of the Bonds herein authorized, shall be deposited in the following manner:

(i) amounts on deposit in the sinking fund, except for the reserve account therein shall be deposited into the Investment Account;

(ii) amounts on deposit in the revenue fund shall be deposited into the Revenue Fund;

(iii) amounts on deposit in the renewal and replacement funds shall be deposited into the Renewal and Replacement Fund;

(iv) amounts on deposit in the reserve accounts shall be deposited in the Debt Service Reserve Account.

S. SIMULTANEOUS DELIVERY. That the Bonds authorized to be issued by this resolution may be issued simultaneously or from time to time as the Commission may determine, provided, however, that an amount of Bonds shall be issued simultaneously with the Special Obligation Bonds, as to provide a sufficient amount of bond proceeds to refund the Outstanding Obligations in the manner provided in this resolution, shall be issued and delivered simultaneously at such time and place as shall be determined by the Commission.

T. DISCHARGE AND SATISFACTION OF BONDS. The covenants, liens and pledges entered into, created or imposed pursuant to this resolution may be fully discharged and satisfied with respect to the Bonds in any one or more of the following ways:

(a) by paying the principal of and interest on Bonds when the same shall become due and payable; or

(b) by depositing in the Interest Account, Principal Account, the Investment Account, and the Bond Redemption Account and such other accounts as the Commission may hereafter determine to create by resolution moneys sufficient at the time of such deposit to pay the Bonds, all appurtenant interest coupons and the redemption premium, if any, as the same become due on said Bonds on or prior to the redemption date or maturity date thereof; or

(c) by depositing in the Interest Account, the Principal Account, the Investment Account, and the Bond Redemption Account, and such other accounts as the Commission may hereafter determine to create by resolution moneys which when invested in direct obligations of the United States of America or obligations fully guaranteed by the United States of America or in time deposits in bank or trust companies fully secured by direct obligations of the United States of America or obligations that were fully guaranteed by the United States of America, will provide moneys which shall be sufficient to pay the Bonds, all appurtenant interest coupons and the redemption premium, if any, as the same shall become due on said Bonds on or prior to their redemption date or maturity date thereof.

In the event the Bonds are not by their terms subject to redemption within the next succeeding 60 days, the Commission shall publish a notice in a financial publication of general circulation in New York City to the holders of the Bonds that the deposit required by (b) or (c) above has been made and that the Bonds are deemed to have been paid in accordance with this subsection and stating such maturity or redemption date upon which moneys are to be available for the payment of the principal, interest and redemption premium, if any, on the Bonds.

Upon such payment or deposit in the amounts and manner provided in this subsection, the Bonds shall no longer be deemed to be outstanding for the purposes of this resolution and all liability of the Commission with respect to the Bonds shall cease, determine and be completely discharged and extinguished, and the holders thereof shall be entitled for payment solely out of the moneys or securities so deposited.

ARTICLE IV

MISCELLANEOUS PROVISIONS

SECTION 1. MODIFICATION OR AMENDMENT. No material modification or amendment of this resolution or of any resolution amendatory thereof or supplemental thereto, may be made without the consent in writing of the holders of two-thirds or more in principal amount of the Bonds then outstanding; provided, however, that no modification or amendment shall permit a change in the maturity of such Bonds or a reduction in the rate of interest thereon, or affect the unconditional promise of the Commission to fix, maintain and collect fees, rentals and other charges for the Water and Electric System or to pay the interest of and principal on the

Bonds, as the same mature or become due, from the Revenues of the Water and Electric System, or reduce such percentage of holders of such Bonds required above for such modification or amendments, without the consent of the holders of all the Bonds.

SECTION 2. SEVERABILITY OF INVALID PROVISIONS. If any one or more of the covenants, agreements or provisions of this resolution should be held contrary to any express provision of law or contrary to the policy of express law, though not expressly prohibited, or against public policy, or shall for any reason whatsoever be held invalid, then such covenants, agreements or provisions shall be null and void and shall be deemed separate from the remaining covenants, agreements or provisions, and shall in no way affect the validity of any of the other provisions of this resolution or of the Bonds or coupons issued hereunder.

SECTION 3. VALIDATION AUTHORIZED. That Gurney, Gurney & Handley, P.A. is hereby authorized and directed to prepare and institute proceedings in the Circuit Court of the Ninth Judicial Circuit of Florida in and for Orange County, to validate and confirm the issuance of the Bonds authorized by the resolution and all proceedings and actions taken relating thereto.

SECTION 4. SALE OF BONDS. The Bonds shall be issued and sold at one time or from time to time and at such price or prices consistent with the provisions of the Act and the requirements of this resolution as the Commission shall hereafter determine by resolution. The Bonds shall be sold and delivered only if a sufficient principal amount of the Special Obligation Bonds are sold and delivered at the same time to effect the complete refunding program described in Section 2 of Article I of this resolution.

SECTION 5. EFFECTIVE DATE. This resolution shall take effect upon its passage in the manner provided by law.

The Commission did on July 24, 1979, amend Section 4.F. of the foregoing resolution by adding thereto subsection (ii) in the following manner:

A RESOLUTION AMENDING "A RESOLUTION AUTHORIZING THE ISSUANCE OF NOT EXCEEDING \$250,000,000 WATER AND ELECTRIC REVENUE REFUNDING AND IMPROVEMENT BONDS, SERIES 1978, OF THE ORLANDO UTILITIES COMMISSION, TO FINANCE PART OF THE COST OF THE CONSTRUCTION OF ADDITIONS, EXTENSIONS AND IMPROVEMENTS TO THE WATER AND ELECTRIC SYSTEM, AND THE REFUNDING OF CERTAIN OUTSTANDING OBLIGATIONS HERETOFORE ISSUED BY THE ORLANDO UTILITIES COMMISSION; AND PROVIDING FOR THE TERMS OF SAID WATER AND ELECTRIC REVENUE REFUNDING AND IMPROVEMENT BONDS, SERIES 1978, AND THE RIGHTS, SECURITY AND REMEDIES OF THE HOLDERS THEREOF," AS AMENDED.

WHEREAS, the Commission has duly adopted a resolution authorizing the issuance of Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, on April 18, 1978, as amended May 15, 1978 and hereby determines to amend said resolution to clarify a certain ambiguity;

NOW, THEREFORE, BE IT RESOLVED BY THE ORLANDO UTILITIES COMMISSION:

SECTION 1. That Section 4F of Article III be amended to read in full as follows:

F. SALE OF THE WATER AND ELECTRIC SYSTEM. That the Water and Electric System may be sold or otherwise disposed of only as a whole or substantially as a whole, only if the net proceeds to be realized, together with other moneys available for such purpose, shall be sufficient fully to retire all of the Bonds issued pursuant to this resolution and all interest thereon to their respective dates of maturity or earlier redemption dates. The proceeds from such sale or other disposition of the Water and Electric System shall immediately be deposited in the Sinking Fund and shall be used only for the purpose of paying the principal of and interest on the Bonds as the same shall become due, or the redemption of callable Bonds, or the purchase of Bonds at a price not greater than the redemption price of said Bonds, or, if the Bonds are not then redeemable prior to maturity, at prices not greater than the redemption price of such Bonds on the next ensuing redemption date.

The foregoing provision notwithstanding, the Commission shall have and hereby reserves the right to sell, lease or otherwise dispose of any of the tangible property comprising a part of the Water and Electric System in the following manner, if any one of the following conditions exist: (i) such property is not necessary for the operation of the Water and Electric System or (ii) such property is not useful in the operation of the Water and Electric System or (iii) such property is not profitable in the operation of the Water and Electric System.

Prior to any such sale, lease or other disposition of said property:

(i) if the amount to be received therefor is not in excess of one-hundredth (1/100th) of one percentum (1%) of the value of the gross plant of the Water and Electric System at original cost, the general manager or other authorized officer in charge of the Water and Electric System shall make a finding in writing determining that such property comprising a part of such Water and Electric System is either no longer necessary, useful or profitable in the operation thereof.

(ii) If the amount to be received therefor is in excess of one-hundredth (1/100th) of one percentum (1%) of the value of the gross plant of the Water and Electric System at original cost but not in excess of one-tenth (1/10) of one percentum (1%) of the value of the gross plant of the Water and Electric System at original cost, the general manager or other authorized officer in charge of the Water and Electric System shall first make a finding in writing determining that such property comprising a part of such Water and Electric System is either no longer necessary, useful or profitable in the operation thereof, and the Commission shall, by resolution duly adopted, approve and concur in the finding of the general manager or other duly authorized officer.

(iii) if the amount to be received from such sale, lease or other disposition of said property shall be in excess of one-tenth (1/10) of one percentum (1%) of the value of the gross plant of the Water and Electric System at original cost, the general manager or other duly authorized officer in charge of the Water and Electric System and the Consulting Engineer shall each first make a finding in writing determining that such property comprising a part of such Water and Electric System is either no longer necessary, useful or profitable in the operation thereof,

and the Commission shall, by resolution duly adopted, approve and concur in the finding of the general manager or other duly authorized officer and the Consulting Engineer.

Such proceeds shall be deposited in the Renewal and Replacement Fund to the extent necessary to make the amount on deposit therein equal to the amount then required

to be on deposit therein; and any additional moneys not needed for said Renewal and Replacement Fund shall be used for any capital expenditures in connection with the Water and Electric System or the purchase or redemption of outstanding Bonds.

SECTION 2. This resolution shall take effect upon its passage in the manner provided by law.

[FORM OF BOND COUNSEL'S OPINION]

LETTERHEAD OF
MUDGE ROSE GUTHRIE & ALEXANDER

August 7, 1979

ORLANDO UTILITIES COMMISSION
Orlando, Florida

Sirs:

We have examined certified copies of the proceedings of your Commission, the City Council of the City of Orlando, the validation proceedings in the Circuit Court of the Ninth Judicial Circuit of Florida, in and for Orange County, and other proofs submitted to us relative to the issuance and sale of

\$40,000,000

ORLANDO UTILITIES COMMISSION
WATER AND ELECTRIC REVENUE REFUNDING
AND IMPROVEMENT BONDS, SERIES 1978A

Dated April 1, 1979
Numbered 1 to 8,000, inclusive,
\$5,000 each

Bearing interest on April 1 and October 1, commencing October 1, 1979 at the rates per annum and maturing serially in numerical order on April 1 of each year, in the years and amounts as follows:

<u>Year</u>	<u>Amount</u>	<u>Interest Rate Per Annum</u>	<u>Year</u>	<u>Amount</u>	<u>Interest Rate Per Annum</u>
1993	\$2,025,000	5.60%	2001	\$2,480,000	6.00%
1994	1,620,000	5.65	2002	2,635,000	6.10
1995	1,725,000	5.70	2003	2,800,000	6.10
1996	1,830,000	5.75	2004	2,875,000	6.20
1997	1,945,000	5.80	2005	3,060,000	6.25
1998	2,065,000	5.90	2006	3,255,000	6.30
1999	2,195,000	6.00	2007	3,465,000	6.30
2000	2,335,000	6.00	2008	3,690,000	6.40

Being part of a total authorized issue of \$225,330,000 of which \$110,330,000 have been previously issued and are now outstanding and unpaid.

Principal and interest payable at The Chase Manhattan Bank, N.A., New York, New York.

The 1978A Improvement Bonds shall be subject to redemption prior to maturity at the option of the Commission on or after April 1, 1989 in whole at any time or in part from time to time on any interest payment date in the inverse order of their maturities (by lot within a maturity if less than a full maturity) at par and accrued interest plus $\frac{1}{8}$ th of 1% for each year or fraction thereof between the redemption date and the stated date of maturity; such premium, however, shall not exceed two per centum (2%).

Notice of such redemption (i) shall be published at least thirty (30) days prior to the redemption date in a financial journal of general circulation in New York, New York and in a newspaper of general circulation in the City of Orlando, Florida; (ii) shall be filed with the Paying Agent; and (iii) shall be mailed, postage prepaid to all registered owners of the 1978A Improvement Bonds to be redeemed at their addresses as they appear on the registration books.

We have also examined one of said 1978A Improvement Bonds as executed (1978A Improvement Bond No. 1).

We are of the opinion that such proceedings and proofs show lawful authority for the issuance and sale of said 1978A Improvement Bonds pursuant to the Constitution and Statutes of the State of Florida and pursuant to a resolution entitled: "A RESOLUTION AUTHORIZING THE ISSUANCE OF NOT EXCEEDING \$250,000,000 WATER AND ELECTRIC REVENUE REFUNDING AND IMPROVEMENT BONDS, SERIES 1978, OF THE ORLANDO UTILITIES COMMISSION TO FINANCE PART OF THE COST OF CONSTRUCTION OF ADDITIONS, EXTENSIONS AND IMPROVEMENTS TO THE WATER AND ELECTRIC SYSTEM, AND THE REFUNDING OF CERTAIN OUTSTANDING OBLIGATIONS HERETOFORE ISSUED BY THE ORLANDO UTILITIES COMMISSION; AND PROVIDING FOR THE TERMS OF SAID WATER AND ELECTRIC REVENUE REFUNDING AND IMPROVEMENT BONDS, SERIES 1978, AND THE RIGHTS, SECURITY AND REMEDIES OF THE HOLDERS THEREOF," duly adopted by the Orlando Utilities Commission on April 18, 1978, as amended and supplemented (hereinafter collectively referred to as "Resolution") and that said Bonds are valid and legally binding obligations of the Orlando Utilities Commission, payable solely as to both principal and interest from the net revenues derived from the operation of the Water and Electric System under the control, management and jurisdiction of said Orlando Utilities Commission and certain investment income, all as provided in said Resolution.

We are further of the opinion that the lien of the holders of the 1978A Improvement Bonds on the net revenues derived from the operation of the Water and Electric System and certain investment income is on a parity and ranks equally with the lien thereon of the outstanding Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, heretofore issued by the Orlando Utilities Commission, except, however, that the principal of the outstanding Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, maturing on April 1, 2008, is additionally secured by and payable from monies and investments on deposit in the investment account established by the Resolution, all as provided in the Resolution.

We are further of the opinion that the Orlando Utilities Commission has validly covenanted and is legally obligated to fix, establish and maintain fees, rentals or other charges for the services and facilities of the Water and Electric System, and to revise the same from time to time whenever necessary, as will always provide in each year net revenues adequate at all times to pay at least one hundred twenty-five per centum (125%) of the annual debt service requirements for the outstanding Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, the 1978A Improvement Bonds and any pari passu additional bonds and that such net revenues shall be sufficient to make all other payments required by the terms of the Resolution; and that such fees, rentals and other charges shall not be reduced so as to be insufficient to provide adequate revenues for such purposes, and has further covenanted to create and maintain certain reserve funds and renewal and replacement funds, all to the extent and in the manner more particularly described in the Resolution.

We are further of the opinion that under the terms, restrictions and conditions contained in the Resolution, the Orlando Utilities Commission may hereafter issue pari passu additional bonds which will rank equally as to lien on and sources and security for payment from the net revenues derived from the Water and Electric System with the lien thereon of the holders of the 1978A Improvement Bonds and the outstanding Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, heretofore issued by the Orlando Utilities Commission, except, however, that such pari passu additional bonds shall not be secured by or payable from the monies and investments on deposit in the investment account

established by the Resolution, all as provided in the Resolution, and that except for such pari passu additional bonds any other obligations hereafter issued by the Orlando Utilities Commission payable from the net revenues derived from the Water and Electric System will be junior, inferior and subordinate as to the lien on and source and security for payment from the net revenues and in all other respects to the Bonds and the outstanding Water and Electric Revenue Refunding and Improvement Bonds, Series 1978, heretofore issued by the Orlando Utilities Commission, and any pari passu additional bonds thereafter issued pursuant to said Resolution.

The Orlando Utilities Commission has entered into certain other covenants and agreements with the holders of the Bonds for the terms of which reference is made to the Resolution.

We are further of the opinion that the interest on the 1978A Improvement Bonds is exempt from all Federal income taxation under existing laws and from taxation under the laws of the State of Florida, except as to estate taxes and taxes imposed by Chapter 220, Florida Statutes, on interest income or profits on debt obligations owned by corporations, banks and savings associations.

Respectfully yours,

MUDGE ROSE GUTHRIE & ALEXANDER

PARTICIPATION AGREEMENT

PARTICIPATION AGREEMENT
BETWEEN
CITY OF LAKE LAND
AND
ORLANDO UTILITIES COMMISSION
FOR THE
JOINT OWNERSHIP
OF
McINTOSH UNIT THREE
GENERATION PROJECT

PARTICIPATION AGREEMENT

This AGREEMENT, dated April 4, 1978 is between the City of Lakeland, Florida, hereinafter referred to as "Lakeland" and Orlando Utilities Commission, hereinafter referred to as "OUC".

WHEREAS, Lakeland is a municipal corporation owning, operating and maintaining electric generation, transmission and distribution systems in order to meet the requirements of its customers; and

WHEREAS, OUC is an entity, created by the legislature, operating and maintaining electric generation, transmission and distribution systems in order to meet the requirements of its customers; and

WHEREAS, in order to meet the future power needs of their customers, to reduce the requirements for imported fuel oil, to realize savings in capital and operating costs, through economies of scale, by the installation of a larger and more efficient and economical steam electric generating unit than would be undertaken by the parties in separately owned and operated plants, Lakeland and OUC desire to participate with each other as tenants in common with an undivided ownership interest in McIntosh Unit No. 3, a coal fueled steam-electric power plant, hereinafter referred to as the "Project"; and

WHEREAS, the Parties desire to establish the terms and conditions relating to their ownership, as tenants in common, and the planning, financing, acquisition, construction, operation and maintenance of the Project;

NOW, THEREFORE, for and in consideration of the mutual covenants by them to be kept and performed, all as hereinafter set forth, Lakeland and OUC hereto mutually agree as follows:

SECTION 1. DEFINITIONS

1.01 The following terms, when used herein shall have the following meanings, unless the context otherwise indicates:

1.02 CAPITAL IMPROVEMENTS: Any units of property which are added to the Project, the betterment of any units of property constituting a part of the Project, and the replacement of any units of property with other units of property in the Project.

1.03 COMMERCIAL OPERATION: The condition of operation in which the complete steam-electric generating unit with all sub-systems and supporting equipment is available for continuous operation at variable loads up to and including rated capacity without abnormal operating limitations.

1.04 COMMON USE FACILITIES: All improvements, facilities and structures located on the Plant Site which are necessary or required for licensing, construction, start-up, operation, maintenance, control, supply, or shutdown of the Project; which are required and used for operation, maintenance, control, and supply of McIntosh Units 1 and 2; and are not included in the Costs of Construction of the Project. These facilities are more particularly described in Exhibit 1 attached hereto and may be revised from time to time pursuant to the terms hereof.

1.05 CONSTRUCTION: Designing, engineering, licensing, permitting, purchasing, acquiring, installing,

starting up, testing the Project to make it ready for commercial operation.

1.06 COSTS OF OPERATION: All costs associated with Operating Work. These costs shall include production expenses (including joint fuel payments) and production supervision; insurance and liability payments; employee benefits (including payroll taxes); allocations of all expenses classified as Administrative and General (A and G) expenses associated with operation of the Project; repairs, renewals and replacements necessary to assure design capability; all in keeping with Prudent Utility Practice. Credits relating to such costs, including insurance proceeds, shall be applied to Costs of Operation when received.

1.07 EXTERNAL FACILITIES: All improvements, facilities, and structures necessary for construction, operation maintenance, control, supply, or shutdown of the Project, but which are not within the Project site. These facilities are more particularly described in Exhibit 2 attached hereto and may be revised from time to time pursuant to the terms hereto.

1.08 FCG: Florida Electric Power Coordinating Group.

1.09 FERC: Federal Energy Regulatory Commission (FERC), formerly Federal Power Commission.

1.10 FUEL: Coal, oil, oil additives, solid refuse, and any other combustibles used in the firing and start-up of the steam generator.

1.11 MINIMUM CAPABILITY: The minimum generation at which the generating unit may be operated as determined by Lakeland, but not less than the minimum generation permitted by the manufacturer's recommendations.

1.12 NET CAPACITY OUT OF THE PROJECT: The instantaneous power flow out of the high side of the main step-up transformer minus the instantaneous power flow to the station service bus for emergency and start-up service, adjusted for the reserve transformer losses.

1.13 NET ENERGY OUT OF THE PROJECT: The energy measured at the high side of the Project main step-up transformer minus the energy delivered to the Project station service bus for start-up and emergency service, adjusted for the reserve transformer losses.

1.14 OPERATION OR OPERATING WORK: Engineering, contract preparation, construction, purchasing, repair, supervision, recruitment, training, operation, expediting, inspection, accounting, testing, protection, equipment retirement, reconstruction, maintenance and other activities associated with operating the Project.

1.15 OUTPUT: The net capacity and net energy from the Project.

1.16 OWNERSHIP SHARE: Of a party is the fractional share specified in Section 2 hereof.

1.17 PLANT SITE: The land on which the Project is located, as described in Exhibit 3 attached hereto.

1.18 PRIME RATE: The minimum commercial lending rate existing from time to time for borrowers of the highest credit standing at Morgan Guaranty Trust Company of New York, or such successor as may be selected by the Project Committee.

1.19 PROJECT: Project means (a) the coal-fueled 364 megawatt generating unit, McIntosh Unit No. 3; (b) Project 230KV Switchyard; (c) necessary real property; (d) all licenses, permits, rights and approvals necessary or convenient for construction, operation, maintenance and retirement of the Project; (e) roads, railroad spurs, docks, parking lots, fencing and similar facilities; (f) Lakeland's energy management system additions assignable to the Project; (g) sewage effluent pipeline and handling facilities and (h) all things acquired by the Parties for use in construction, operation, maintenance and repair of the Project; all water rights as permitted for use in the Project, but excluding the transmission line to be constructed by OUC, referred to hereinafter in Section 2.14. A description of the Project, Exhibit 4, a statement of the estimated cost, Exhibit 5, and a list of major Project facilities, Exhibit 6 are attached and made a part hereof.

1.20 PROJECT 230KV SWITCHYARD: Line and switching facilities connecting McIntosh Unit 3 to the Project 230KV Switchyard; line and switching facilities for connecting the reserve transformer; 230KV buses, insulators, structures and foundations; bus tie switching facilities; 230KV bus potential and current transformers, relays and meters and control devices for these bus facilities installed and made operational with the Project and switching facilities and other equipment required for interconnecting Lakeland and OUC respective transmission systems.

1.21 PRUDENT UTILITY PRACTICE: Shall mean the exercise of reasonable judgment in light of the facts known at the time a decision is made, and shall require the use of practices, methods and expertise commonly employed in the electric utility industry, for the purpose of accomplishing desired results at the lowest reasonable cost consistent with the safe, efficient and reliable operation of an electric utility. Prudent Utility Practice includes due regard for manufacturer's warranties and shall apply not only to functional parts of the Project, but also to appropriate structures, landscaping, painting, signs, lighting, other facilities and public relations programs reasonably designed to promote public understanding and acceptance of the Project. Prudent Utility Practice is not intended to be limited to an optimum practice, method or act to the exclusion of all others, but rather shall apply to a balance of the complete spectrum of electric utility practices, methods or acts.

1.22 UNIFORM SYSTEM OF ACCOUNTS: The FERC Uniform System of Accounts prescribed for Class A Public Utilities and Licenses in effect on January 1, 1970, as the same may be amended from time to time.

SECTION 2. OWNERSHIP, RIGHTS AND OBLIGATIONS

2.01 The Parties shall have title to the Project excluding Common Use Facilities and External Facilities as tenants in common with an undivided interest therein and shall, subject to the terms of this Agreement, own the Project, have the related rights and obligations, including payment therefor, and be entitled to the Output as follows:

Party	Ownership Share
Lakeland	60%
OUC	40%

Title to OUC will be in the names of Orlando Utilities Commission, a statutory commission under the laws of the

State of Florida and the City of Orlando, a municipal corporation.

2.02 Subject to Paragraph 2.09, the Parties shall promptly and with all due diligence, acting jointly or individually as may be appropriate, take all necessary actions and seek all regulatory approvals, licenses and permits necessary to carry out their obligations under this Agreement, and all licenses, permits, approvals, contracts, obligations and commitments obtained, made and entered into or incurred by Lakeland prior to the effective date of this Agreement in connection with the acquisition and construction of the Project are hereby ratified and approved by OUC. A list of licenses, permits, approvals, contracts, obligations and commitments and the amounts expended and committed therefor, prior to the effective date of this Agreement is attached hereto as Exhibit 7 and made a part hereof.

2.03 Lakeland shall within a reasonable time and upon receipt of any required regulatory approvals and from time to time, execute and deliver deeds, bills of sale and such other documents as may be necessary in addition to this Agreement to vest ownership in the Parties as set forth in Paragraph 2.01 above.

2.04 The duties, obligations and liabilities of the Parties are intended to be several and not joint or collective, and neither Party shall be jointly or severally liable for the acts, omissions or obligations of the other Party, except that OUC shall be severally liable, in proportion to its Ownership Share of the Project, for the acts, omissions, or obligations heretofore or hereafter performed, omitted or incurred by Lakeland in connection with the Project.

2.05 Lakeland shall have the right, subject to review by OUC, to enter into contracts, agreements and any other commitments for the expenditure of funds toward the Construction and Operation of the Project. Lakeland shall have the right to bind and obligate itself and OUC, as OUC's agent, each in proportion to its Ownership Share, for the costs incurred by the said contracts, agreements and other commitments. The Parties hereby covenant and agree to bear their respective obligations relative to all of the said commitments and to pay the said costs as they become due.

2.06 Each contract entered into by Lakeland in 1978 shall be cancellable by Lakeland if this Agreement is itself cancelled pursuant to Section 2.17 hereinafter.

2.07 Neither Party shall have the right or power to bind the other Party without its written consent, except as expressly provided in this Agreement. Each Party shall severally bear its Ownership Share of all obligations, including the supply of energy for station use when not generated by the Project, and shall severally bear its Ownership Share of liabilities relating to the Project as they arise.

2.08 OUC shall have the right to go upon and into the Project at any time subject to insurance and industrial security requirements and the necessity of efficient and safe Construction and Operation of the Project.

2.09 In order to provide unified management of the Project, OUC authorizes and designates Lakeland, and Lakeland agrees to so act, as its agent to Construct and Operate the Project under the terms of this Agreement, and the Parties agree that Lakeland shall have sole possession and control of the Project for the Parties subject to the provisions of Paragraph 2.08, and shall have sole authority for the Construction, Operation and retirement of the

Project in accordance with Prudent Utility Practice. The Parties agree that such relationship shall not be changed except by the written consent of both Parties.

2.10 In the Construction, Operation, and retirement of the Project, each Party shall act without compensation other than payment or reimbursement of costs and expenses as provided herein.

2.11 Each Party releases the other Party, its agents and employees from any consequential loss or damage arising out of the Construction, Operation or retirement of the Project for any reason, including negligence, except for damage resulting from breach of this Agreement or for willful or wanton misconduct. Lakeland, acting for and on behalf of OUC and itself, shall take timely and appropriate legal action to recover losses from damages resulting from breach of any other contract relating to the Project, and shall promptly notify OUC of any such breach and anticipated loss resulting therefrom.

Any cost of such proceedings shall be shared in accordance with the Party's respective Ownership Share.

2.12 Any loss, cost, liability, damage or expense to the Parties or either of them, other than damages to either Party resulting from loss of use and occupancy of the Project or any part thereof, arising out of the Construction, Operation or retirement of the Project and based upon injury to or death of persons or damage to or loss of Project property and property of others, to the extent not covered by collectible insurance, shall be charged to Costs of Construction or Costs of Operation, whichever may be appropriate.

2.13 If, in the future, OUC determines to construct a steam-electric generating facility of 270 MW (two hundred seventy) net capacity or larger, Lakeland shall have the first option to become a joint owner of at least an amount of capacity equivalent to OUC's participation in McIntosh Unit 3.

2.14 OUC shall, subject to provisions of Section 2.17 hereinafter, construct a 230KV transmission line from its service area to the McIntosh Plant. In the event that Lakeland shall become a joint owner in a future project with OUC, in accordance with Section 2.13 above, and providing OUC's bond requirements can be met, Lakeland shall have a right to purchase, or lease, a portion of, or an undivided percentage interest in said line and related substation equipment at OUC's terminus of the line. The portion, or percentage, to which Lakeland shall be entitled shall be commensurate with Lakeland's transmission needs relative to Lakeland's ownership share in the said future project.

2.15 In the event that OUC is unable to sell the said portion or percentage, due to its Bond Resolution requirements, then OUC agrees to lease and Lakeland shall have the option to lease the said portion or percentage, for the expected life of the said future project. The purchase price or lease rate to Lakeland shall be based on the replacement cost of the line and related terminal equipment determined by application of the Handy-Whitman Index as of the date of sale or lease, less depreciation calculated on the basis of replacement costs. If neither of these options are exercised, then Lakeland shall otherwise provide transmission facilities or make other arrangements to fulfill its transmission needs relative to its ownership share in said future project.

2.16 Each Party releases the other Party, its agents and employees from any consequential loss or damage

arising out of a delay in commencement of construction, construction, operation or retirement of said transmission line for any reason, including negligence, except for damage resulting from breach of this Agreement or for willful or wanton misconduct.

2.17 If, by December 19, 1978, the necessary State of Florida, or Federal licenses or permits for the construction of the Project and/or the 230KV transmission line between Lakeland and Orlando have not been obtained, then, or at any other time by mutual agreement, either Party may, at its option, be released from this Agreement and Lakeland may cancel the contracts that it has entered into and each Party shall be obligated to pay its Ownership Share of all costs accrued to the Project, as of the date of the release. If this Agreement is terminated as provided above and Lakeland elects to continue with the Project as defined by this Agreement, then OUC shall be reimbursed by Lakeland for the actual payments OUC has made toward the Project contracts.

2.18 In the event of such release OUC will cause to be delivered to Lakeland or its designee all instruments reasonably necessary for the conveyance of OUC's interest in the Project.

SECTION 3. DESIGN, ENGINEERING AND CONSTRUCTION RESPONSIBILITY

3.01 Lakeland has entered into an "Agreement for Professional Engineering Services" with Chas. T. Main, Inc., dated November 7, 1977, relating to the Project. Lakeland agrees to retain on a continuous basis said engineering firm or other nationally recognized firm until the Project has been completed and subject to termination provisions of the said Agreement for Professional Engineering Services. Lakeland shall use all reasonable efforts to cause the engineer to perform all its obligations under the said contract.

Installation and Completion of Project.

3.02 The Project facilities shall be installed and completed by Lakeland as herein provided. Lakeland, for itself and for OUC, shall have the responsibility for the supervision of the Construction of the Project, as hereinafter set forth. Contracts related to construction shall be let on the basis of competitive bidding.

3.03 Upon execution of this Agreement, Lakeland shall submit to OUC an estimate of total cost and as soon as practicable thereafter a schedule setting forth the estimated costs, by months, of constructing and completing the Project. Lakeland shall thereafter submit quarterly revisions of such monthly schedule to OUC, together with a summary report of the Construction costs accumulated to date and other pertinent data including, when requested, copies of construction contracts and purchase orders relating to the progress of Construction.

Construction

3.04 The Project shall be constructed at the lowest reasonable cost and in a prudent and skillful manner in accord both with standards prevailing in the utility industry for projects of a similar size and nature and substantially in accordance with the description of the Project set forth in Exhibits 4 and 6. The Project shall substantially conform to designs, plans, specifications and construction schedules which have or will be made available to OUC as such are available. It is intended that the contracts for purchase of

equipment and construction of the Project shall be scheduled so as to provide for a date of initial test and operation of the Project, presently scheduled for 1981, and for the completion and commercial operation of the Project not later than October 1981.

3.05 Lakeland has heretofore entered into agreements, purchase contracts and orders in its own name providing for the purchase of materials, equipment and services for the Project, and Lakeland shall with reasonable expedition as agents for themselves and OUC enter into further such contracts, and contracts for the Construction of the Project. Lakeland shall continue as agent for itself and OUC to incur obligations and make expenditures relating to the engineering and other services necessary for continued Project planning and engineering.

3.06 Lakeland, on its own behalf as to its own interest, and as agent for OUC, shall supervise, perform engineering and other services in connection with, may provide materials and supplies from its inventory for, and shall pay taxes properly levied against, the Construction of the Project, except any tax assessed directly against OUC. Lakeland's costs and expenses for such services performed by Lakeland under this subparagraph 3.06 shall be included in the cost of the Project as hereinafter provided, except the cost of any feasibility studies.

3.07 Lakeland shall maintain, or cause to be maintained, separately, appropriate documentation and records of such expenditures made and costs incurred by Lakeland, together with all other charges, payments and any expenses or receipts relating to the Project. Such records of Lakeland's shall be made available for inspection by OUC and its auditors at all reasonable times.

3.08 Lakeland shall keep OUC informed of all significant matters with respect to the Construction of the Project (including plans, specifications, engineering studies, environmental reports, budgets and supporting data, fuel plans, and staffing), and, when practicable, shall furnish such information in time so that OUC may submit comments and recommendations thereon, when appropriate, before decisions are made, and shall confer with OUC as and whenever needs arise. Lakeland shall furnish or make available any and all other information relating to any aspect of the Project upon request of OUC.

3.09 All bids, contracts and related documents shall be made available to OUC as information. The award of any contracts in excess of \$20,000, and any change order which would increase a contract price by an amount in excess of \$20,000, shall be reviewed by OUC which shall forward its recommendations to Lakeland in a timely manner.

3.10 All recommendations shall be considered in good faith, but shall not be binding on Lakeland.

SECTION 4. PROJECT COSTS AND PAYMENTS

Project Costs

4.01 Project costs shall include all payments made and obligations incurred in connection with Construction of the Project, and shall include but not be limited to the following items:

4.02 Preliminary investigation and development, labor and other costs, engineering, contractors' fees, construction labor, materials and supplies, including spare parts, operator and other personnel training, testing (less net receipts relating to testing), and all other costs properly allocable

to the Project. Any net receipts relating to Construction shall be credited against Project cost.

4.03 All costs of insurance obtained pursuant to Section 7 hereof, and applicable to the period of Construction.

4.04 All costs relating to injuries and damage claims which may be payable and paid arising out of the Construction of the Project, less proceeds of insurance maintained under Section 7 hereof.

4.05 All federal, state or local taxes imposed upon the Project and payments in lieu of taxes, during the Construction period, except tax assessed directly against one Party unless such tax was assessed upon both Parties.

4.06 Appropriate amounts of administrative and general expenses as mutually agreed to by the Parties and in accordance with generally accepted cost accounting principles.

4.07 The value of all Common Use Facilities and External Facilities shall be determined by Lakeland and based on replacement cost of the said facilities determined by application of the Handy-Whitman Index as of the date of execution of this Agreement, less depreciation calculated on the basis of replacement cost.

4.08 All other costs incurred by Lakeland and OUC directly applicable to the Project including, but not limited to:

(a) Payroll of employees, which can be directly assignable to the Project on an actual time basis including related employee benefit costs such as Social Security Taxes, Unemployment Insurance Expense, Group Life Insurance, Group Hospitalization and Medical Expenses Insurance, Pension Funding Expense, Workmen's Compensation, Long Term Disability and other Insurance, and Paid Leave.

(b) Materials and supplies including related purchasing and handling costs.

(c) Traveling expense including use of company transportation equipment.

(d) Construction power costs.

(e) Other miscellaneous costs.

Payment of Project Costs

4.09 Each Party shall pay its share of the Project Costs as determined by its respective Ownership Share under the procedures hereinafter set forth.

4.10 Lakeland shall furnish OUC with payment schedules for all major contracts, in which the contract price is for \$50,000, or more. Upon receipt of invoices from major contractors, Lakeland, upon approval and authorization of payment, shall notify OUC that payment is due on such invoices, and OUC shall promptly make payments of its share of the said invoices to the contractors involved.

4.11 For payment of all other Project Costs, Lakeland shall establish a separate checking account in a bank of its choice for deposit by OUC of its share of the Project Costs.

4.12 Lakeland shall, on or before the 15th of each month, furnish OUC an invoice showing the current estimate of OUC's share of all other Project Costs required for the following month (Cost Month).

4.13 OUC shall, following receipt of said invoice, deposit in the said checking account, by the 10th of the Cost

Month or the first working day thereafter, the amount of the said invoice. Lakeland shall withdraw the funds so deposited, as required to make payment for OUC's Ownership Share of the said other Project Costs.

4.14 Any difference between the said deposits made by OUC and actual payments for OUC made by Lakeland shall be adjusted by Lakeland on the next invoice following the close of the Cost Month.

4.15 In the event that such differences are substantial and/or continuous, the Project Committee shall determine how corrections should be made.

4.16 Lakeland shall pay directly to the contractors involved its Ownership Share of all Project Costs.

SECTION 5. ACCOUNTING

5.01 Lakeland shall keep separate, complete and accurate accounts of all receipts and expenditures of Project Costs, as described in Section 4, and Costs of Operation, as described in Section 9, and other costs of the Project in a manner agreed to by the Project Committee. Each of the Parties shall keep complete and accurate accounts of all costs incurred by it for the Project. All accounts shall be kept in accordance with the Uniform System of Accounts. The allocation of costs by Lakeland between Project Costs and Costs of Operation pursuant to this Agreement shall be binding on the Parties for purposes of this Agreement, but the manner in which accounts are kept pursuant to this Agreement is not intended to be determinative of the manner in which they are treated in the separate books of account of the Parties.

5.02 OUC shall have the right at any reasonable time to examine the separate books of account relating to the Project kept by Lakeland pursuant to this Section and to examine and copy all plans, specifications, bids and contracts relating to the Project. Each Party shall have the right to examine the account books and all supporting data and documents relating to amounts for which the other Party is to be reimbursed. The measure of the acceptability of the amounts for which a Party is to be reimbursed shall be Prudent Utility Practice.

5.03 The Parties hereto shall, promptly upon execution of this Agreement and from time to time as needed thereafter, require the proper accounting personnel from each of the Parties to meet for the purpose of establishing and maintaining mutually acceptable accounting methods and procedures. This activity shall be under the surveillance of the Project Committee, as provided in Section 8 of this Agreement.

5.04 Lakeland shall cause all accounts to be audited by a firm of Independent Certified Public Accountants who are members of a Division of CPA Firms sponsored by the AICPA acceptable to both Parties at annual intervals and when such accounts are closed. Copies of such audits shall be supplied to OUC.

SECTION 6. LICENSES AND PERMITS

6.01 Upon the expiration of any licenses or permits required for the operation of the Project, or should any additional or further licenses or permits be required, Lakeland agrees to file timely applications for a new or further license or permit, as the case may be, to be held as tenants in common in the undivided interests set forth hereinabove. A list of licenses and permits either approved and/or applied for as of the date of this Agreement shall be supplied to OUC by Lakeland upon request.

SECTION 7. INSURANCE AND TAXES

Insurance

7.01 Lakeland shall procure at the earliest practicable time and thereafter maintain in effect at all times hereinafter provided, to the extent available, at reasonable cost and in accord with standards prevailing in the utility industry for projects of similar size and nature, adequate insurance coverage for the Construction and Operation of the Project with responsible insurers, with each Party as a named insured and with losses payable to the respective Parties by their respective Ownership Shares for their benefit as their respective interests may appear, to protect and insure against: (1) Comprehensive Liability for bodily injury and property damage, (2) all risks of loss and physical damage to property or equipment, including the perils of transportation, installation and testing. Lakeland shall procure such other insurance as the Parties deem necessary, and with reasonable limits and subject to appropriate exclusions and deductibles.

7.02 Upon sustaining a loss covered by said insurance, Lakeland shall promptly advise OUC and give proper notice and make proper claims to the insurance agents or carriers. Lakeland shall also proceed with appropriate repair or replacement of loss or damage to Project equipment or property and the cost of such repair or replacement shall be borne by the Parties in proportion to their respective Ownership Shares. Proceeds of such claims shall be disbursed to the Parties in the same proportion.

7.03 The premium costs for such insurance coverages until the completion of construction shall be a Project Cost, and shall thereafter be an operating cost and shall be borne by the Parties in relation to their respective Ownership Share.

7.04 Lakeland shall keep OUC informed as to the status of insurance in force and if it does so, Lakeland shall not be liable to OUC for any failure to insure or inadequacy of coverage. OUC may request additional insurance to the extent available, and Lakeland shall purchase such requested insurance. Any portion of said additional insurance not agreed to by Lakeland shall be paid for by OUC. The proceeds from any claim with regard to the additional insurance paid for solely by OUC shall accrue solely to the benefit of OUC.

Taxes

7.05 Lakeland, acting as agent for OUC, shall have sole responsibility for negotiating the valuation of any assessments on the Project for taxation purposes.

7.06 It shall be the responsibility of each Party to obtain such exemptions from taxation to which it may be entitled.

7.07 Lakeland, acting as agent for OUC, shall use its best efforts to have the levy of any taxes or payments in lieu thereof (except payroll and sales and use taxes), made directly and separately against the Ownership Shares of Lakeland and OUC, or in such other manner as will allow each Party to perfect any exemption to which it may be entitled.

7.08 If any property taxes, or payments in lieu thereof, or any other taxes or assessments related to the Project are levied against the Project as a whole, such taxes or payments in lieu thereof shall be apportioned between Lakeland and OUC in accordance with their Ownership

Shares. Lakeland shall bill such apportioned taxes or assessments to OUC in time for OUC to take available tax discounts. If OUC then makes tax payments to Lakeland in time for discounted rates and Lakeland does not take available tax discounts, OUC shall not be charged for the increased tax costs. Sales and use taxes shall be charged as part of the cost of the materials or services.

7.09 To the extent permitted by state law, OUC shall be exempted from any taxation levied upon its share of the Project by Lakeland.

SECTION 8. PROJECT COMMITTEE

8.01 As a means of securing effective cooperation, interchange of information and management of the property owned in common, on a prompt and orderly basis in connection with various administrative and technical problems which may arise from time to time under the terms and conditions of this Agreement, the Parties hereby establish an advisory Project Committee. The committee shall consist of at least two representatives from each Party, but not more than four from each Party.

8.02 The Project Committee shall have as its chairman an appointee representing Lakeland and designated by Lakeland for the duration of Construction of the Project and its first year of Commercial Operation. The chairmanship will then rotate, on an annual basis, between OUC and Lakeland. The chairman shall be designated by the Party having the chairmanship.

8.03 The Project Committee shall keep written records of all meetings.

8.04 The Project Committee shall appoint Ad Hoc Committees as necessary to perform detailed work and conduct studies regarding matters requiring investigation.

8.05 Each Party shall notify the other Party in writing promptly upon execution of this Agreement of the designation of its representatives on the Project Committee and shall notify the other Party promptly of any subsequent change in its designations. Either Party may, by written notice to the other Party, designate an alternate(s) to act as its representative(s) on the Committee in the absence of its regular member(s) of the Committee, or to act on specified occasions or with respect to specified matters.

8.06 The Project Committee shall have no authority to modify any of the provisions of this Agreement.

8.07 The Project Committee shall meet at such times as reasonably requested by either Party and shall inspect the Project facilities, receive reports on construction, operation and maintenance of the Project.

Functions

8.08 The Project Committee shall have the following functions, among others:

8.09 Provide liaison between the Parties at the management level. In this effort, Lakeland shall keep the Project Committee informed of all significant matters with respect to Construction and Operation, of the Project and, when practicable, shall furnish such information in time for the Committee to submit comments and recommendations thereon before decisions are made.

8.10 Provide liaison between the Parties with respect to the financial and accounting aspects of Construction and Operation of the Project. These shall include such items as: Annual Capital Improvements budget, annual Operation

budget, planned outages, written statistical and administrative reports.

8.11 Copies of all records, reports and forms and other information pertinent to the Project shall be provided to the Project Committee by Lakeland.

8.12 Upon notification by Lakeland of intent to retire the Project, review and determine the details of the ultimate disposition of the Project.

8.13 Review, discuss and try to resolve disputes arising under this Agreement.

8.14 Expenses incurred by employees of either Party while serving on the Project Committee or any other committee related to the Project, shall be accounted for in accordance with Sections 4 and 9.

SECTION 9. OPERATIONS MANAGEMENT, OPERATING COSTS AND PAYMENTS

Operation Management

9.01 Lakeland, as sole manager of the Project, shall:

9.02 Perform all Operating Work, execute, administer, perform and enforce contracts for Operating Work, including, without limitation, any and all warranties on equipment, facilities, materials, and services furnished pursuant to any such contract.

9.03 Furnish or recruit the necessary personnel and provide for such training as may be required to qualify them to perform the Operating Work.

9.04 Purchase and procure, through and from any source it may select, the equipment, apparatus, machinery, tools, services, materials, supplies and spare parts necessary for the performance of Operating Work and the addition of Capital Improvements.

9.05 Expend funds in accordance with the terms and conditions of this Agreement.

9.06 Have the right to enter into any arrangement for the purchase, delivery, and handling of fuel.

9.07 Take any action required in an emergency for the safety of and the Operation of the Project.

9.08 Provide OUC with regular reports on Operation of the Project.

9.09 Submit to OUC, on or before June 15 of each year, a preliminary budget of its estimate of the Costs of Operation by calendar months for the operating year beginning October 1 next following. OUC shall review the preliminary budget, and shall submit to Lakeland its recommendations relative to said budget on or before August 1. Lakeland shall give due consideration to the recommendations. The budget shall include such items of expenditure for replacement and repair of Project facilities as are normal to projects of a similar character and shall provide an adequate contingency item for emergency repairs and replacements. Lakeland shall submit budget revisions as may become necessary from time to time during any operating year. OUC shall promptly consider these revisions and make any recommendations it may have relative to them. Lakeland shall give due consideration to the recommendations.

9.10 Submit to OUC, on or before June 15 of each year, a preliminary construction budget of items of Capital Improvements (other than normal replacements budgeted

under the previous paragraph) and items of retirement of facilities and equipment, relating to Project facilities as may be proposed by either Party and mutually agreed to by both Parties, for construction or retirement commencing during the year beginning October 1, next following. OUC shall review the preliminary budget, and shall submit to Lakeland its recommendations relative to said budget on or before August 1. Lakeland shall give due consideration to the recommendation.

9.11 The Parties recognize that it will be necessary for continued Operation of the Project that Lakeland be in a position to meet commitments for payroll, repairs, and replacements, materials and supplies, services and other expenses of a continuing nature in order that it may fulfill its obligations under this Agreement. Accordingly, regardless of the foregoing provisions of this Section, Lakeland may make all expenditures in the normal course of business, or in any emergency, as necessary for the proper and safe Operation of the Project. As soon as practicable after the making of any such expenditures, Lakeland shall make a full report thereof to OUC.

9.12 Lakeland shall switch and provide safety clearances of OUC's 230KV transmission line, at the Project 230KV Switchyard as requested by OUC.

9.13 OUC shall have the right to specify relay settings for the protection of its transmission line, provided however that such settings shall be coordinated with the Project's relaying and Lakeland's system relaying, in accordance with Prudent Utility Practice.

Costs of Operation and Payments

9.14 Each Party shall pay its share of the Costs of Operation as determined by its respective Ownership Share under the procedures hereinafter set forth.

9.15 Lakeland shall furnish OUC with payment schedules for all major contracts and purchases in which the purchase or contract price is for \$50,000 or more. Upon receipt of invoices from said major contractors or suppliers, Lakeland, upon approval and authorization of payment, shall notify OUC that payment is due on such invoices, and OUC shall promptly make payments of its share of the said invoices.

9.16 For payment of all other Costs of Operation, Lakeland shall establish a separate checking account in a bank of its choice, for deposit by OUC of its Ownership Share of all other Costs of Operation.

9.17 Lakeland shall, on or before the 15th of each month, furnish OUC an invoice showing the current estimate of OUC's Ownership Share of all other Costs of Operation required for the following month (Cost Month).

9.18 OUC shall, following receipt of the said invoices, deposit in the said checking account by the 10th of the Cost Month or the first working day thereafter, the amount of the said invoices. Lakeland shall withdraw the funds so deposited, as required to make payment for OUC's Ownership Share of the said other Costs of Operation.

9.19 Any difference between the said deposits made by OUC and actual payments for OUC made by Lakeland shall be adjusted by Lakeland on the next invoice following the close of the Cost Month.

9.20 In the event that such differences are substantial and/or continuous, the Project Committee shall determine how corrections should be made.

9.21 Lakeland shall pay directly to the contractors and suppliers its Ownership Share of all Costs of Operation.

Capital Improvements

9.22 The Parties shall be responsible for payment of their respective Ownership Shares of the cost of any Capital Improvement. Lakeland shall perform, or cause to be performed, such construction under procedures similar to the Project construction. The rights, titles and interests including Ownership Shares of each Party in and to any such Capital Improvement shall be in the same percentage as the Ownership Shares herein provided.

SECTION 10. SCHEDULING AND DELIVERY OF PROJECT OUTPUT AND SCHEDULING OF OUTAGES

10.01 OUC shall, by the time the Project goes into Commercial Operation, construct at its own cost, 230KV transmission facilities necessary to deliver its Ownership Share of the Output of the Project to its own service area.

10.02 Each Party shall be entitled to schedule all or any part of its Ownership Share of the Output of the Project. Lakeland shall accurately measure the Output of the Project.

10.03 Unless otherwise mutually agreed, each Party shall schedule capacity and adhere as closely as practicable to the capacity to which it is entitled.

10.04 Lakeland shall be responsible for the dispatching of capacity available from the Project to meet the requirements of the provisions of this Agreement.

10.05 Lakeland shall accurately measure the flows at all of its points of interconnection so that OUC's share of the Project Output, adjusted for Lakeland's incremental transmission losses associated with OUC's share of the Project Output, will be delivered to the said points of interconnection. These losses shall be determined by Lakeland from load flow studies, made annually or otherwise as mutually agreed.

10.06 In the event of the loss of OUC's transmission line, described in Section 10.01 above, Lakeland shall provide transmission capacity over its 230KV transmission system to deliver OUC's Ownership Share of the Output of the Project, adjusted as said above, to Lakeland's points of interconnection.

10.07 OUC shall report its hourly schedule for the following day to Lakeland by 4 o'clock p.m. each day, except that the schedule for holidays, Saturdays and Sundays, and for the day following such days shall be submitted by 4 o'clock p.m. of the preceding workday; provided, however, that OUC shall have the right to request a change in its schedule on shorter notice to reflect changes in its requirements.

10.08 Lakeland shall notify OUC if fulfilling the requested schedules would require operation of the Project below Minimum Capability and the Parties shall reschedule such that each shall receive their respective Ownership Shares of such Minimum Capability, unless other arrangements are agreed to by the Parties.

10.09 If one Party schedules less than its Ownership Share of the Project capacity, the other Party shall have the first option to purchase the remaining capacity or any portion thereof, from the first Party, on the following basis: (a) such sale of remaining capacity shall be in accordance with the contract for interchange service between the

Parties dated May 2, 1977, as revised as of the date of such sale, or (b) as otherwise agreed to by the Parties.

10.10 With respect to firm interchange sales between the Parties out of the Project, the capacity shall be priced by the selling Party on the basis of the original cost of the capacity, and its levelized fixed carrying charges based on an expected service life of thirty years.

10.11 It is understood and agreed that if any portion or all of the said remaining capacity not scheduled by one Party is not purchased by the other Party, then the Party owning the said remaining capacity may sell or otherwise dispose of as it chooses, the said portion, or all, of the remaining capacity not so purchased by the other Party.

10.12 When start-up, testing or any non-commercial operation of the Project requires generation, each Party shall make provisions for acceptance of its Ownership Share of such generation unless other arrangements are agreed to by the Parties. Lakeland shall notify OUC of test schedules as far in advance as practicable.

10.13 Lakeland shall provide station service requirements, including losses, whenever the Project Output is zero or negative. OUC shall reimburse Lakeland for its share of such station service requirements by an exchange of energy in kind or, at Lakeland's option, by making a payment in accordance with the provisions of Section 9.

10.14 Lakeland shall operate the Project so as to minimize losses due to reactive power generation, consistent with Prudent Utility Practice. OUC and Lakeland shall cooperate in the operation of their respective high voltage transmission facilities related to the Project to facilitate the above.

10.15 Each Party shall operate its system in such a manner as to make the actual net deliveries of the Output from the Project as near as practicable to the net scheduled, and actual net deliveries shall be accounted for and settled according to the established procedures for interconnected system operation in accordance with the FCG Operating Committee Handbook.

10.16 The Parties shall coordinate their transmission line maintenance schedules so as not to place an undue burden on the system of either Party.

10.17 Each Party shall maintain or provide for spinning reserve as required to cover its additional generating capacity acquired in the Project and as calculated in accordance with the principles established and as may be revised from time to time, by the Operating Committee of FCG.

Scheduling of Outages

10.18 Scheduled outages for major maintenance shall be as required by the manufacturers' applicable conditions of sale and delivery of the affected facilities and equipment or otherwise as agreed to by the Parties. Lakeland shall coordinate planned Project outages with OUC as far in advance as practicable. Lakeland may shut the Project down, reduce power or take other appropriate action which in the judgment of Lakeland is necessary to insure proper operation of the Project.

10.19 In the event of emergency outages, or forced outages, or reductions in Project capability for any reason, OUC may request that Lakeland expedite the repairs, replacements or other restoration measures provided that OUC shall bear the expediting costs involved.

SECTION 11. FUEL

11.01 Lakeland shall locate, purchase, and arrange transportation for all Fuel for the Project, including an initial reserve coal stock sufficient to supply the Project at its expected Output for a period of sixty (60) days. The initial reserve coal stock shall become a part of the Project and the cost of each Party's Ownership Share thereof may be capitalized by either Party as they elect.

11.02 The cost of Fuel shall include all obligations, liabilities, credits and recoveries with respect to insurance, shipping, lease and service charges from any supplier or shipper, and the expense of unloading, storing and handling up to the point where fuel enters the first container or holding vessel within the boiler structure.

11.03 Lakeland and OUC shall share in the cost of the initial reserve coal stock in the same proportion as their respective Ownership Shares.

11.04 Lakeland shall exercise its best judgment in the securing of all fuel for the Project. OUC shall have the right to review all specifications, bids, contracts and other documents related to fuel for the Project, as they become available, and shall make recommendations to Lakeland regarding the securing of the fuel supply.

11.05 OUC shall furnish to Lakeland as requested, forecasts of its generation requirements from the Project. Lakeland shall use such forecasts together with forecasts of its generation requirements from the Project in arranging for fuel deliveries and in preparing a fuel budget, as required for the total budget for the Project, in accordance with Section 9.09.

11.06 Lakeland shall estimate and, as nearly as practicable, cause to be delivered during the month it is to be burned, the fuel which will be required for the Project's use for that month. Lakeland shall by the 15th of each month provide OUC an estimate of the delivered price of fuel to be delivered in the following month. Lakeland and OUC shall share in the cost of fuel delivered each month for the Project in the same proportion as their respective Ownership Shares, except as follows.

11.07 If during any month the fuel burned for a Party is less than its Ownership Share of the total fuel burned, then the difference in expense between its Ownership Share of the total fuel burned and the fuel burned for said Party, shall be credited to said Party's payment and charged to the other Party's payment for deliveries in the following month.

11.08 If during any month the fuel burned for a Party is more than its Ownership Share of the total fuel burned, then the difference in expense between its Ownership Share of the total fuel burned and the fuel burned for said Party, shall be charged to said Party's payment and credited to the other Party's payment for deliveries in the following month.

11.09 If during any month the fuel burned is less than or greater than the deliveries in that month, then Lakeland shall use its best efforts to adjust the following month's deliveries to compensate for the differences so as to maintain the initial reserve coal stock. This provision may be suspended when circumstances require the reserve coal stock to be changed from its normal volume.

11.10 The monthly fuel consumption shall be divided between the Parties in the same ratio as their net energy bears to the total net energy. The accounting for fuel consumed shall be as agreed to by the Project Committee, in accordance with generally accepted accounting principles.

11.11 Lakeland shall, unless otherwise agreed, prepare monthly operating records, based, as appropriate, upon measured or estimated quantities which shall contain, with other details to be agreed upon: fuel delivered, fuel consumed and net kilowatt-hours delivered (hourly and daily) to each Party during the preceding month. Lakeland shall consult with OUC regarding such records and make revisions as appropriate.

SECTION 12. SOLID REFUSE BURNING FACILITIES

12.01 The Project shall include the facilities necessary for burning solid refuse material. Included shall be all equipment, storage, handling, conveying and other equipment and facilities necessary or desirable to the burning of the solid refuse in the boiler furnace.

12.02 The capital costs of the said solid refuse facilities shall be shared by the participants in the same proportion as their Ownership Shares in the Project. All costs associated with obtaining and receiving the refuse and storing, handling, processing, and burning the refuse shall be shared by the Parties in the same proportion as their Ownership Shares. These said costs shall include all costs of operation, maintenance, and testing of the said facility. The said costs shall also include all insurance and taxes.

12.03 Any and all revenues, receipts, or credits of any kind accruing to the said solid refuse burning facilities shall likewise be shared by the Parties in proportion to their Ownership Shares.

12.04 Any savings in fuel costs for the Project resulting from burning the said solid refuse shall accrue to the benefit of the Parties in the same proportion as their respective Ownership Shares, except whenever a Party schedules other than its proportionate share of the Output of the Project, as provided in Section 10. In the event that either Party schedules other than its proportionate share of the Output from the Project, any savings in the cost of fuel for the project accruing from the burning of the said solid refuse shall accrue to the Parties in proportion to the respective quantity of capacity scheduled by each Party, for and during the period of time that the said scheduling is not in proportion to each Party's Ownership Share in the Project.

12.05 Savings in the cost of fuel resulting from the burning of the solid refuse shall be credited to each Party only during the time period in which the said solid refuse is actually being burned, and shall accrue to each Party in proportion to its scheduled Output from the Project during the same period of time. Savings on fuel costs shall not be accumulated, reserved, and carried forward for either Party.

12.06 Any increase, or decrease in the cost of maintenance to the boiler, scrubber, precipitator, or any other Project facility, caused by or suspected of being caused by the inclusion and use of the said solid refuse burning facility shall be shared by the Parties in the same proportion as their Ownership Shares in the Project.

SECTION 13. DISPOSAL OF WASTE OR SURPLUS COMMODITIES, MATERIALS, EQUIPMENT AND OTHER PERSONAL PROPERTY

13.01 The fly ash extracted by the precipitators, sludge from scrubbers, bottom ash from the boiler furnace and any other waste products from the Project shall be disposed of as mutually agreed to by the Parties.

13.02 Any commodities, materials, equipment or other personal property including the items referred to in Section

13.01 which is produced from or is available from the Project and which is surplus to the then present or reasonably foreseeable future requirements of the Project may be sold or otherwise disposed of upon such terms and conditions and for such periods of time as may be mutually agreed to by the Parties. The receipts from such sales and/or the shared costs of such disposal shall be shared by the Parties in proportion to their respective Ownership Shares.

13.03 The foregoing shall not be applicable under any circumstances or in any manner to sale or disposal of electric energy from the Project.

SECTION 14. TRANSMISSION, LOSSES AND SERVICE CHARGES

14.01 OUC shall provide its own transmission facilities from the Project site to Orlando to facilitate delivery of its Ownership Share of the Output of the Project.

14.02 In the event OUC supplies Lakeland with energy, through OUC's transmission facilities, payment for losses shall be in accordance with the contract between the Parties for interchange service, dated May 2, 1977 as revised as of the date of such transaction. No transmission service charges will be assessed by either Party for such bilateral transactions because the Parties will be directly interconnected.

SECTION 15. DAMAGE TO OR DESTRUCTION OF PROJECT — DISPOSITION UPON ABANDONMENT.

15.01 If all or substantially all of the Project be destroyed or damaged beyond repair or damaged to the extent that the cost of repair substantially exceeds the proceeds of insurance, as outlined in Section 7, available for reconstruction or repair and the Parties do not agree to jointly reconstruct or repair the Project, or if for any reason the Parties determine to abandon the Project, the salvageable portion of the Project shall be disposed of in accordance with a procedure agreed upon by the Parties, or if the Parties cannot agree, this matter shall become an arbitrable dispute subject to the provisions of Section 17 herein.

15.02 The proceeds from such disposition shall be distributed to the Parties in accordance with their respective Ownership Shares. Any demolition, removal and cleanup costs shall be charged against and borne by the Parties in accordance with their respective Ownership Share.

15.03 Lakeland may elect to reconstruct the Project in which event the value of the Project shall be appraised by three independent appraisers, one selected by each Party and the third selected by the first two. Lakeland shall pay OUC its respective Ownership Share of such appraised value, and OUC shall cause its interest in the Project to be conveyed to Lakeland.

15.04 In the event that less than substantially all of the Project shall be destroyed or damaged, and the cost of repair, restoration or reconstruction does not substantially exceed the proceeds of applicable insurance, the Project shall be repaired, restored or reconstructed by the Parties in such manner as to restore the Project to substantially the same general character and use as the original Project, unless otherwise mutually agreed to by the Parties.

SECTION 16. DEFAULTS AND NON-PAYMENTS

16.01 Lakeland and OUC hereby agree that they shall pay all monies and carry out all other duties and obligations

agreed to be paid and/or performed by them pursuant to all of the terms and conditions set forth and contained in this Agreement and failure of either Party to fulfill and keep the obligations and covenants herein shall be an act of default by the Party.

16.02 In the event of an act of default by either Party, the other Party shall promptly notify the defaulting Party, in writing, of the existence and nature of the default. Upon giving the said notice, the non-defaulting Party may elect to provisionally remedy the default by paying or meeting the obligations of the defaulting Party.

16.03 Within ten (10) days after written notice has been given, the defaulting Party shall cure such default and reimburse the non-defaulting Party the total amount of money paid or expense incurred by such non-defaulting Party as a result of said default, together with interest on such money or expense, at an annual rate equal to 1.30 times Prime Rate at the time of default. Such interest shall accrue from the date of paying such money or incurring such expense to the date of reimbursement by the defaulting Party.

16.04 Should an act of default by either Party in the payment of monies or performance of any obligation under this Agreement continue for a period of thirty (30) days from the giving of said written notice without having been cured by the defaulting Party, then the non-defaulting Party may, by written notice, suspend the right of the defaulting Party to receive any part or all of its proportionate share of the Output of the Project and may suspend the right of the defaulting Party to be represented on or participate in the actions of any Project committees.

16.05 Should the suspension of the defaulting Party continue for a period of thirty (30) days or longer, after the giving of written notice of such suspension, the non-defaulting Party shall have the option of purchasing any portion or all of the Ownership Share and all applicable legal and equitable interests in the Project of the suspended Party. Such option to purchase shall be exercisable by the serving of written notice of intent to purchase to the suspended Party. After applying appropriate credits due the non-defaulting Party for monies theretofore expended and/or expense incurred, plus interest, on behalf of the suspended Party, the purchase price and terms shall be subject to negotiations. Should the Parties be unable to agree on the net purchase price, and the terms to consummate the transaction, within thirty (30) days of the giving of written notice of intent to purchase, the matter shall then become an arbitrable dispute subject to the provisions of Section 17 herein.

SECTION 17. ARBITRATION

17.01 If a dispute between the Parties should arise under this Agreement, either may call for submission of the dispute to arbitration, which shall be binding, if both Parties agree to such arbitration.

17.02 The Party calling for arbitration shall give written notice to the other Party, setting forth in such notice in adequate detail the nature of the dispute, the amount or amounts of money, if any, involved in such dispute, and the remedy sought by the Party calling for arbitration.

17.03 Within twenty (20) days following delivery of the said written notice, the Parties, acting through their representatives on the Project Committee, shall each designate two arbitrators. The arbitrators so selected shall,

within twenty (20) days following their selection, select one additional arbitrator.

17.04 If the arbitrators selected by the Parties, as herein provided, shall fail to select the additional arbitrator within the said twenty (20) day period, then the arbitrators selected by the Parties shall request from the American Arbitration Association (or a similar organization if the American Arbitration Association should not at the time exist) a list of arbitrators who are qualified and eligible to serve as hereinafter provided. The arbitrators selected by the Parties shall take turns striking names from the list of arbitrators furnished by the American Arbitration Association, and the last name remaining on said list shall be the additional arbitrator.

17.05 All arbitrators shall be persons skilled and experienced in the field which gives rise to the dispute, and no person shall be eligible for appointment as an arbitrator who is an officer or employee of any of the Parties to the dispute or may otherwise have an interest in the outcome of the arbitration.

17.06 Except as otherwise provided in this Section 17, the arbitration shall be governed by the rules and practice of the American Arbitration Association (or the rules and practice of a similar organization if the American Arbitration Association should not at that time exist), except that if such rules and practice, conflict with state or federal law, specifically applicable to such arbitration proceedings, such law shall govern.

17.07 The fees and expenses of the arbitration shall be shared by the Parties equally, unless the decision of the arbitrators shall specify some other apportionment of such fees and expenses, which other apportionment may be requested by either Party.

17.08 In the event that one Party shall attempt to carry out the provisions herein set forth in regard to arbitration, and such Party shall not be able to obtain a valid and enforceable arbitration decree, or if both Parties do not agree to arbitration, either Party shall be entitled to seek legal remedies.

17.09 Pending the resolution of the dispute by arbitration, Lakeland shall proceed with the Project, including all Construction work, Operating work, or other work in a manner consistent with this Agreement and Prudent Utility Practice, and OUC shall advance the funds required to proceed with the Project in accordance with the applicable provisions of this Agreement. Amounts advanced by OUC pursuant to this Section during the pendency of such dispute shall not be subject to refund except upon a final determination that the expenditures were made in a manner inconsistent with this Agreement and Prudent Utility Practice.

SECTION 18. MISCELLANEOUS

18.01 Governing Law. The validity interpretation, and performance of this Agreement and each of its provisions shall be governed by the laws of the State of Florida. It is agreed that this Agreement is entered into pursuant to the provisions, powers, and authority granted by Chapter 361, Florida Statutes of 1975, known as "The Joint Power Act".

18.02 Notice. Any notice, request, consent, or other communication required by this Agreement shall be deemed properly given when deposited in the United States Mail, postage prepaid, and if given to Lakeland shall be addressed to: City of Lakeland, Department of Electric and Water

Utilities, P. O. Box 368, 1000 East Parker Street, Lakeland, Florida 33802, marked: NOTICE to Director; and if given to OUC shall be addressed to: Orlando Utilities Commission, P. O. Box 3193, 500 Orange Avenue, Orlando, Florida 32802, marked: NOTICE to Executive Vice President. Routine communications during construction and operation shall be exempt from this provision.

18.03 Section Headings Not to Affect Meaning. The descriptive headings of the various Sections of this Agreement have been inserted for convenience of reference only and shall in no way modify or restrict any of the terms and provisions thereof.

18.04 Severability. In the event any of the terms, covenants, or conditions of this Participation Agreement, its Appendices, and Exhibits, or the application of any such term, covenant, or condition, shall be held invalid by any court having jurisdiction, all other terms, covenants, and conditions of this Agreement and their application shall not be affected thereby, and shall remain in force and effect.

18.05 Integration. The terms and provisions contained in this Participation Agreement, including Appendices and Exhibits, constitute the entire agreement between Lakeland and OUC and shall supersede all previous communications, representations, or agreements, either verbal or written, between Lakeland and OUC with respect to the Project and this Agreement.

18.06 Cooperation. Lakeland and OUC shall cooperate with each other in all activities relating to the Project, including, without limitation, the filing of applications for authorizations, permits or licenses and the execution of such other documents as may be reasonably necessary to carry out the provisions of this Agreement. Without Lakeland's written consent, OUC shall not incur any obligation which would or could obligate Lakeland to any third party.

18.07 Assignment. During the existence of this Agreement, neither Party shall have the right to sell, lease, convey, transfer, or assign in any manner whatsoever its Ownership Share, or any portion thereof, in the Project, without first offering such sale, lease or other conveyance to the other Party upon the same terms and conditions as in a proposed sale, lease, or conveyance to a third party.

18.08 Amendments. This Agreement may be amended by and only by a written instrument duly executed by each of the Parties hereto.

18.09 Successors and Assigns. This Agreement shall inure to the benefit of and be binding upon Lakeland and OUC and their respective successors. This Agreement shall inure to the benefit of and be binding upon the assigns of Lakeland and OUC when such assignment is made in accordance with the provisions of Section 18.07.

18.10 Force Majeure. Lakeland and OUC shall not be liable or responsible for any loss, damage, injury or expense (including consequential damages and cost of replacement power) resulting from or arising out of any delay in the performance or, the inability to perform, any duty or obligation required by this Agreement in the event of a force majeure occurrence. The obligation to pay money in a timely manner is absolute and shall not be subject to the force majeure provisions. Force majeure as used herein shall mean, without limitation, the following: natural disaster, prolonged strikes and/or lockouts, sabotage, riot, fire, flood, war, explosion, or any other similar extreme cause or event reasonably beyond the control of either Party. The Party suffering an occurrence of force majeure shall remedy with

all reasonable dispatch the cause or causes preventing the carrying out of this Agreement; provided that the settlement of strikes, lockouts and other labor disputes shall be entirely within the discretion of the said Party, and it shall not be required to make settlement of strikes, lockouts and other labor disputes by acceding to demands which are unfavorable, in the judgment of the said Party.

18.11 Time. Lakeland and OUC agree that time is of the essence in this Agreement.

SECTION 19. RETIREMENT OR ABANDONMENT OF PROJECT

19.01 Upon Retirement of the Project in accordance with the terms of this Agreement or upon Abandonment of the Project in accordance with Section 15, OUC shall cause its interest and that of the City of Orlando in the real property conveyed under Section 2.03 hereof to be reconveyed to Lakeland in exchange for the payment to OUC by Lakeland of the sum originally paid by OUC to Lakeland for such interest in that real property.

SECTION 20. EFFECTIVE DATE AND TERM

20.01 This Participation Agreement shall become effective on April 4, 1978, and terminate (1) at the expiration of 50 years from the date of execution, or (2) at such time as McIntosh #3 is retired from service and all attendant obligations under this Agreement have been fulfilled, whichever occurs first.

SECTION 21. EXECUTION OF AGREEMENT

IN WITNESS WHEREOF, the parties hereto have caused this AGREEMENT to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ORLANDO UTILITIES COMMISSION

By: _____
President

ATTEST: _____
Secretary

CITY OF LAKELAND, FLORIDA

By: _____
Mayor-Commissioner

ATTEST: _____
City Clerk

Approved as to form and correctness:

City Attorney,
Lakeland, Florida

**EXHIBIT I
COMMON USE FACILITIES**

1. Fire water system and elevated tank.
2. Air compressors.
3. Electrical ties between existing units and Unit 3.
4. Auxiliary steam system cross connections.
5. Warehousing.
6. Chemical storage.
7. Fuel Oil Unloading.
8. Roads.
9. Fence and gate security.
10. Wells.
11. Offices.
12. Transportation.
13. Fuel Oil Storage.
14. Sanitary sewers.
15. Maintenance shops.
16. Land.
17. Make-up Water Interface.
18. Control Room.

**EXHIBIT 2
EXTERNAL FACILITIES**

1. Lakeland's energy management system additions.
2. Sewage effluent pipeline.
3. Railroad spur.

**EXHIBIT 3
LEGAL DESCRIPTION OF PLANT SITE**

That part of fractional east ½ of west ¼ of northwest ¼ which lies southwesterly of Lake Parker Drive, and also the west ¼ of the northwest ¼, all being in Section 4, Township 28S, Range 24E, and also U.S. Government lots 1 and 2 in Section 5, Township 28S, Range 24E, less and except: Begin at the northwest corner of said U.S. Government lot 2, the same being the northwest corner of the northeast ¼ of said Section 5, run thence east along the north line thereof a distance of 664.25 feet, thence south 1365.59 feet, thence east 330.0 feet, thence south to Lake Parker, thence westerly along Lake Parker to the west line of said northeast ¼, thence north along said west line 2640 feet more or less to the point of beginning, and also the southeast ¼ of the southeast ¼ of Section 32, Township 27S, Range 24E, and also beginning 664.25 feet east of the northwest corner of U.S. Government lot 2 in Section 5, Township 28S, Range 24E, run thence north 660.0 feet, thence east 1417.38 feet to the west line of the southeast ¼ of the southeast ¼ of Section 32, Township 27S, Range 24E, thence south along said West line a distance of 660.0 feet to the southwest corner of said southeast ¼ of southeast ¼, thence west 1412.14 feet to the point of beginning, being in Section 32, Township 27S, Range 24E, and also the southwest ¼ of the southwest ¼ of Section 33, Township 27S, Range 24E, all of the above described property being subject to that certain road right-of-way as deeded to Polk County, Florida and described in Official Record Book 1098, pages 946, 947 and 948 of the Public Records of Polk County, Florida.

**EXHIBIT 4
DESCRIPTION OF PROJECT**

The Project is a 364 megawatt steam-electric generating plant to be jointly owned by the City of Lakeland and Orlando Utilities Commission. The location of the Project is on the north side of Lake Parker in Lakeland, Florida, at the site of the existing McIntosh Steam-Electric Generating Plant which consists of two generating units, namely McIntosh Units 1 and 2. The Project will be constructed adjacent to and contiguous with the existing units and shall be designated McIntosh Unit #3. The Project shall use coal as its primary fuel and shall be capable of burning #6 fuel oil. The Project shall also have the facilities for and the capability of burning solid refuse as a fuel supplement.

The Project shall utilize cooling towers to cool the condenser water and the makeup water for the cooling towers shall be supplied from Lakeland's sewage effluent, through, a piping and effluent handling system to be constructed as part of the Project.

The coal is to be delivered to the Project by railroad, using the "unit train" concept to transport the coal from the coal supplier. The coal will be unloaded with a trestle and dumping arrangement which allows unloading the cars without stopping the train. The railroad spur and all coal storage and handling facilities shall be part of the Project.

The Project shall have boiler flue gas cleaning facilities which shall include a limestone type scrubber and an electrostatic precipitator.

The Project shall have facilities for burning solid refuse which include limited storage, handling and/or classifying equipment, conveying and shredding equipment, and facilities for injecting the refuse material into the boiler furnace.

The electrical output of the Project shall be at 230KV. 230KV switching facilities shall be included in the Project for delivering for each participant its proportionate share of the output from the Project.

The Project shall include any other facilities that are necessary or desirable for the safe, efficient, economic, and reliable operation of the said steam-electric generating unit and the associated facilities.

**EXHIBIT 5
PROJECT COST**

Power Plant	\$147,760,000
Engineering Fee	6,100,000
Sewage Effluent System	5,400,000
230 KV Switchyard	3,573,000
Railroad spur	2,200,000
Solid Refuse Burning Facility	2,000,000
Escalation	<u>23,390,000</u>
Total Project Cost	\$190,423,000

**EXHIBIT 6
PROJECT FACILITIES**

1. Turbine-Generator, auxiliaries.
2. Boiler, boiler feed pump, fans.
3. Scrubber, limestone handling facilities.
4. Precipitator.

5. Step-up transformer.
6. Auxiliary transformer.
7. Start-up transformer.
8. Boiler feed pump turbine.
9. Cooling tower, circulating system.
10. Sewage effluent line and handling facilities.
11. Solid refuse burning and handling facilities.
12. Railroad spur, trestle, unloading facilities.
13. Coal handling and storage facilities.
14. 230KV switching facilities.
15. Buildings, appurtenances.
16. Land, land rights.
17. Sludge and ash handling facilities.

**EXHIBIT 7
REQUIRED PROJECT PERMITS**

1. State of Florida Power Plant Site Certification.
2. Federal Environmental Protection Agency (EPA) New Source Review, and Permit to Construct.

McINTOSH POWER PLANT
Engineering Fees Paid
To be reimbursed by Bond Proceeds

<u>Date Paid</u>	<u>Payee</u>	<u>Amount</u>
11-14-77	Chas. T. Main, Inc.	\$ 29,800
11-16-77	Dawkins & Associates, Inc.	500
12-12-77	Chas. T. Main, Inc.	59,600
1-9-78	Chas. T. Main, Inc.	101,320
2-7-78	Chas. T. Main, Inc.	178,800
2-17-78	Edwards-Panter Surveying & Engineering, Inc.	4,000
3-7-78	Chas. T. Main, Inc.	226,480
		\$600,500

Letters of Intent (attached):

General Electric Company (Turbine generator)	\$14,000,000
Babcock & Wilcox Company (Boiler)	35,550,000

March 21, 1978

The Babcock & Wilcox Company
500 Southland Drive
Birmingham, Alabama 35226

Attention: T. O. Johnson
Birmingham Sales

Gentlemen:

Subject: City of Lakeland
C. D. McIntosh Jr., Power Plant, Unit 3
Specification No. 3297-1-3020

This letter is your notice of our intent to purchase from you the boiler and gas cleaning equipment in accordance with the City of Lakeland Specification No. 3297-1-3200, dated October 24, 1977, as amended by Addenda No. 1 through 7, dated October 27, 1977, November 3, 1977, November 9,

1977, December 2, 1977, December 14, 1977, December 22, 1977 and December 29, 1977 respectively and your Proposal No. P12-4640 dated January 11, 1978 for the sum of \$35,550,000.

It is understood between the City of Lakeland and the Babcock & Wilcox Company that the City can cancel this letter of intent as of the following listed dates and not be obligated for any charges in excess of the listed Total Cancellation Charges corresponding to the said dates.

<u>Cancellation Date</u>	<u>Total Cancellation Charges</u>
April 4, 1978	\$ -0-
May 1, 1978	50,000
June 1, 1978	100,000
July 1, 1978	150,000
August 1, 1978	200,000
September 1, 1978	300,000
October 1, 1978	500,000
November 1, 1978	750,000
December 1, 1978	1,000,000
January 1, 1979	1,250,000

We expect to begin negotiations with your company in the near future to arrive at the terms of a contract between Babcock & Wilcox and the City of Lakeland.

Very truly yours,

R. V. Youkey
City Manager

July 8, 1977

General Electric Company
103 Century 21 Drive
Suite 101
Jacksonville, Florida 32211

Attention: Roy E. Elliott
Sales Engineer

Gentlemen:

Re: City of Lakeland
McIntosh Plant, Unit 3
Specification No. COL-1

This letter is your notice of our intent to purchase from you a turbine generator equipment in accordance with the City of Lakeland Specification No. COL-1 dated June 6, 1977 as amended by Addendum No. 1 dated June 7, 1977 and your proposal No. LTSD-2519 dated June 22, 1977 FGK. for the sum of \$10,931,496 with the option of changing rating using the pricing structure in effect before July 10, 1977 to a 300 MW unit or any other size as may be determined at a later date.

It is understood between the City of Lakeland and General Electric Company that in the event the project is aborted for any reason, the City of Lakeland can cancel this letter of intent with no cost to the City of Lakeland.

Very truly yours,

R. V. Youkey
City Manager



Attachment C-3

FPC Form 1-M
Rev Ed (12-77)

Approved by OMB
38-RO316
Expires 12-31-79



MUNICIPAL ELECTRIC UTILITIES
(Having Annual Electric Revenues of \$250,000 or More)

ANNUAL REPORT

OF

ORLANDO UTILITIES COMMISSION

(Exact legal name of respondent)

TO THE

FEDERAL ENERGY REGULATORY COMMISSION

FOR THE

YEAR ENDED DECEMBER 31 19 .79



ANNUAL REPORT TO THE
FEDERAL ENERGY REGULATORY COMMISSION

For the Year Ended December 31, 1979

OF

ORLANDO UTILITIES COMMISSION
(Exact legal name of respondent)

500 S. Orange Avenue, P. O. Box 3193, Orlando, Florida 32802
(Address of principal business office at end of year)

GENERAL INSTRUCTIONS

An original and three conformed copies of this report form, completed in the best manner possible from available records and verified, shall be filed with the Federal Energy Regulatory Commission, Washington D. C., 20426, on or before the last day of the third month following the close of the calendar or other established fiscal year, by each municipality which is engaged in the generation, transmission or distribution of electricity and whose annual electric operating revenues amount to \$250,000 or more.

One copy of the report should be retained by the respondent in its files. The conformed copies may be carbon copies. If the respondent publishes financial and operating statements of its utility department submit three copies of such statements with this report. If the respondent maintains a one line geographic map or schematic diagram of its principal lines and substations, one copy should be submitted with this report.

Account numbers and titles used in the schedules herein relate to account numbers and titles in the Uniform System of Accounts Prescribed for Public Utilities and Licensees (Class A and Class B). A copy of this system will be furnished upon request for the information and guidance of respondent in the preparation of this annual report.

EXCERPTS FROM THE LAW

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

"Sec. 3. The words defined in this section shall have the following meanings for purposes of this Act, to wit:
* * * "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. 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 purchases by private and public agencies; * * *

GENERAL INFORMATION

1. Name, title, address and telephone number (including area code) of the person to be contacted concerning this report. Ms. E. R. Neff, Director of General Accounting, 500 S. Orange Ave.
423-9100 extension 256
2. State the classes of utility and other services furnished by respondent during the year. _____
Electric & Water

BALANCE SHEET - End of Year

Line No.	Assets and Other Debits	Amount (a)	Liabilities and Other Credits	Amount (b)
1	UTILITY PLANT	\$	INVESTMENT OF MUNICIPALITY & SURPLUS	\$
2	Utility Plant	294,168,296	Investment of Municipality (c)	
3	Less Accumulated Provision for		Constructive Surplus or Deficit (d).....	
4	Deprec. & Amortization	97,864,973	Retained Earnings (e).....	124,254,437
5	Net Utility Plant	196,303,323	Total Investment & Surplus	124,254,437
6	INVESTMENTS		LONG-TERM DEBT	
7	Nonutility Property (less Accum.		Bonds	150,330,000
8	prov. for Deprec. and		Advances from Municipality (f)	
9	Amortization \$		Other Long-Term Debt	
10	Advances to Municipality (a) ...		Unamortized Premium on long-term debt....	
11	Investments & Special Funds ...	60,203,876	Unamortized Discount on Long-Term Debt-Dr.	466,985
12	Total Investments	60,203,876	Total Long-Term Debt	149,863,015
13	CURRENT AND ACCRUED ASSETS		CURRENT AND ACCRUED LIABILITIES	
14	Cash & Working Funds	12,291,528	Warrants Payable	
15	Temp. Cash Investments		Notes and Accounts Payable	5,833,012
16	Notes & Accts. Receivable		Payables to Municipality (g)	1,951,946
17	(less Accum. Prov. for		Customer Deposits	2,323,256
18	Uncoll. Accounts \$	6,589,397	Taxes Accrued	719,594
19	Receivables from Municipality (b).	15,151	Interest Accrued	2,320,294
20	Materials & Supplies	10,505,765	Misc. Current & Accrued Liabilities ...	1,786,012
21	Prepayments	715,580	Total Current & Accrued Liabilities.	14,934,114
22	Misc. Current & Accrued Assets..	4,896,505	DEFERRED CREDITS	
23	Total Current & Accrued Assets.	35,013,926	Customer Advances for Construction	2,469,559
24	DEFERRED DEBITS		Other Deferred Credits	
25	Unamort. Debt Expense		Unamortized Gain on Reacquired Debt....	
26	Extraordinary Property Losses ..		Total Deferred Credits	2,469,559
27	Miscellaneous Deferred Debits ..		OPERATING RESERVES	
28	Unamortized loss on reacquired		Property Insurance Reserve	
29	Debt.....		Injuries and Damages Reserve	
30	Total Deferred Debits.....		Pensions and Benefits Reserve	
31	.....		Miscellaneous Operating Reserves	
32	.....		Total Operating Reserves	
33	.....		
34	.....		
35	.....		
36	.....		
37	TOTAL ASSETS & OTHER DEBITS..	291,521,125	TOTAL LIABILITIES & OTHER CREDITS...	291,521,125

(Footnotes on page 4).

CONDENSED INCOME STATEMENT - For the Year

Item (a)	Amount (b)
Electric utility operating income:	\$
1 Operating revenues	113,715,884
2 Operation expenses	81,856,932
3 Maintenance expenses	6,139,794
4 Depreciation and amortization	6,578,762
5 Taxes and tax equivalents	4,130,960
6 Total electric operating expenses	98,706,448
7 Net operating revenues	15,009,436
8 Income from plant leased to others	180,853
9 Electric utility operating income	15,190,289
10 Other utility operating income (utility departments other than electric - specify)	
11 Water	2,758,006
12 Total utility operating income	17,948,295
13 *Other income	5,986,683
14 Allowance for funds used during construction.....	
15 Gross income	23,934,978
Income deductions:	
16 Interest on long-term debt	7,826,607
17 *Other income deductions (see sch. pg. 4, Exp. for Cert. Civic, Political & Rel. Activities)...	36,101
18 Total income deductions	7,862,708
19 Income before extraordinary items	16,072,270
20 Extraordinary income (see footnote (i) page 4)	
21 Extraordinary deductions (see footnote (i) page 4)	
Net income	16,072,270

RETAINED EARNINGS

Line No.	Item (a)	Amount (b)
31	Balance beginning of year	\$ 118,437,167
32	Amount transferred from income account	16,072,270
33	*Miscellaneous credits	
34	.....
35	Authorized cash distribution to municipality (see note (h) on page 4)	10,255,000
36	*Miscellaneous debits	
37	.....
38	Balance end of year	124,254,437

ELECTRIC SALES DATA FOR THE YEAR

Line No.	Class of Service (a)	Revenues (b)	Kilowatt-hours (c)	Avg. No. of Customers ^{2/} (d)
41	Residential sales	\$ 35,423,742	885,910,711	72,913
42	Commercial and industrial sales:			
42	Small (or Commercial) see 1/ below	37,942,919	974,223,733	9,920
43	Large (or Industrial) see 1/ below	6,408,890	201,995,807	32
44	Public street and highway lighting	1,091,028	18,909,384	20,202
45	Other sales to ultimate consumers	1,076,050	25,977,374	3,808
46	Total sales to ultimate consumers	81,942,629	2,107,017,009	106,875
47	Sales for resale	31,435,487	981,753,000	10
48	Total sales of electric energy	113,398,116	3,088,770,009	106,885
49	Other electric revenues	317,768	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
50	Total electric operating revenues	113,715,884	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1/ Classification of Commercial and Industrial sales according to Small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent. However, if such regularly used classification is based on demand and the division between small and large is in excess of 1000 kw demand then for purposes of this report the classification shall be small, 1000 kw demand or less, and large, demand in excess of 1000 kw.

2/ 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.

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES

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) or approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials, but shall not include such expenditures which are directly related to appearances before regulatory or other governmental bodies in connection with the reporting utility's existing or proposed operations.
2. Advertising expenditures included in this Schedule

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

3. Expenditures within the definition of Instruction (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 Instruction (1), so state.
5. For reporting years which begin during the calendar year 1964 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

Line No.	Item (a)	Amount (b)
1	Orlando Area Chamber of Commerce	7,500
2	Florida Electric Power Coordinating Committee	22,178
3	Southeastern Electric Council	1,477
4	American Waterworks Association	1,572
5	Titusville Chamber of Commerce	374
6	Industrial Development Commission	3,000
7		
8		
9		
10	TOTAL	36,101

THE FOLLOWING EXPLANATIONS ARE FURNISHED FOR THE INFORMATION OF PERSONS NOT FAMILIAR WITH THE ACCOUNTS INDICATED.

- (a) **ADVANCES TO MUNICIPALITY:** This account is designed to include the amount of loans and advances made by the utility department to the municipality or its other departments, when such loans or advances are subject to repayment but not subject to current settlement.
- (b) **RECEIVABLES FROM MUNICIPALITY:** This account is designed to include all charges by the utility department against the municipality or its other departments which are subject to current settlement.
- (c) **INVESTMENT OF MUNICIPALITY:** This account is designed to include the investment of the municipality in its utility department, when such investment is not subject to cash settlement on demand or at a fixed future time. Include herein the cost of debt-free utility plant constructed or acquired by the municipality and made available for use of the utility department, cash transferred to the utility department for working capital, and other expenditures of an investment nature.
- (d) **CONSTRUCTIVE SURPLUS OR DEFICIT:** This account is designed to include amounts representing the exchange of services, supplies, etc., between the utility department and the municipality and its other departments without charge or at a reduced charge. Charges to this account would include utility and other services, supplies, etc., furnished by the utility department to the municipality or its other departments without charge, or the amount of the reduction if furnished at a reduced charge. Credits to the account would consist of services, supplies, office space, etc., furnished by the municipality to the utility department without charge or the amount of the reduction if furnished at a reduced charge.
- (e) **RETAINED EARNINGS:** This account is designed to include the balance, either debit or credit, of appropriated or unappropriated retained earnings of the utility department arising from earnings.
- (f) **ADVANCES FROM MUNICIPALITY:** This account is designed to include the amount of loans and advances made by the municipality or its other departments to the utility department when such loans and advances are subject to repayment but not subject to current settlement.
- (g) **PAYABLES TO MUNICIPALITY:** This account is designed to include amounts payable by the utility department to the municipality or its other departments which are subject to current settlement.
- (h) **AUTHORIZED CASH DISTRIBUTION TO MUNICIPALITY:** This account is designed to include the cash distributions authorized to be made to the municipality out of the earned surplus of the utility department.
- (i) **EXTRAORDINARY INCOME:(DEDUCTIONS)** These accounts are designed to include those items related to transactions of a nonrecurring nature which are not typical or customary business activities of the utility and which would significantly distort the current year's net income if reported other than as extraordinary items.

SALES OF ELECTRICITY FOR RESALE

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LINE #	SALES TO (a)	(b)	(c)	(d)	(e) KILLOWATT HOURS	(f)	REVENUES	
							AMOUNT (g)	PER KWH (h) cents
1	Fla. Power Corp.	FP(P)			376,926,000		\$ 11,528,831	3.06
2	Fla. Power & Light	"			355,919,000		9,585,235	2.69
3	City of Tallahassee	"			4,132,000		124,284	3.01
4	City of Lakeland	"			432,000		13,518	3.13
5	Tampa Electric CO.	"			34,613,000		1,498,029	4.33
6	City of Kissimmee	"			14,097,000		458,823	3.25
7	City of Sebring	"			9,520,000		353,500	3.71
8	City of Gainesville	"			1,387,000		53,699	3.87
9	City of St. Cloud	"			14,996,000		526,668	3.51
10	City of Vero Beach	"			4,683,000		117,118	2.50
11	Lk Worth Util Authy.	"			2,512,000		70,639	2.81
12	City of Homestead	"			1,911,000		47,957	2.50
13	New Smyrna Bch. Util.	"			1,230,000		62,459	5.08
14	Jacksonville Elec Authy	"			159,384,000		7,014,315	4.40
15	City of Ft. Pierce	"			11,000		412	3.74
	TOTAL				981,753,000		\$ 31,455,487	3.20



SALES OF ELECTRICITY FOR RESALE

(ADP Code 041)

- Report below the information called for concerning sales during year to other electric utilities, cooperatives, and cities or other public authorities for distribution to ultimate consumers.
- 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(P), for firm power supplementing customer's own generation or other purchases; O, for other power. Note: Include in the O classification sales in which the power delivered cannot be classified under either of the above definitions.
- The number of kilowatt-hours sold should be the quantities shown on the bills rendered.

Line No.	Sales to (a)	Statistical Classification (b)	Point of Delivery (c)	Voltage (d)	Kilowatt-hours (e)	Annual Maximum Demand 1/ (f)	Revenues	
							Amount (g)	Per Kwh (h)
1							\$	Cents
2								
3								
4			SEE ATTACHED	SCHEDULE				
5								
6								
7					TOTALS	981,753,000	31,455,487	3.20

OPERATION AND MAINTENANCE EXPENSES

(ADP Code 050)

Line No.	Item (a)	Operation (b)	Maintenance (c)	Total (d)
	Production expenses:	\$	\$	\$
11	Steam power generation	74,092,424	2,505,236	76,597,660
	Nuclear power generation	353,631	298,294	651,925
	Hydraulic power generation	---	---	---
14	Other power generation (specify)	---	---	---
15	Purchased power	675,891	---	675,891
16	Other production expenses	---	---	---
17	Total production expenses	\$ 75,121,946	\$ 2,803,530	\$ 77,925,476
18	Transmission expenses	414,248	642,513	1,056,761
19	Distribution expenses	1,444,922	1,585,434	3,030,356
20	Customer accounts expenses	1,283,153	---	1,283,153
21	Sales expenses	123,709	---	123,709
22	Administrative & general expenses	3,468,954	1,108,317	4,577,271
23	TOTAL ELECT. OPERATION & MAINT. EXPENSES	\$ 81,856,932	\$ 6,139,794	\$ 87,996,726

PURCHASED POWER

(ADP Code 052)

- Report below the information called for concerning power purchased for resale during the year.
- The number of kilowatt-hours purchased should be the quantities shown on the bills rendered.
- Interchange transactions should be reported net in this schedule whether the net is a receipt or a delivery by respondent. Indicate such transactions with an asterisk.

Line No.	Purchased From (a)	Point of Receipt (b)	Voltage (c)	Kilowatt-hours (d)	Annual Maximum Demand 1/ (e)	Cost	
						Amount (f)	Per kwh (g)
31	Florida Power Corp.			10,083,900		\$ 476,512	4.73
32	Fla. Power & Light			705,000		28,059	3.98
	City of Tallahassee			929,000		30,441	3.28
	City of Lakeland			723,000		26,690	3.69
35	Tampa Electric Company			665,000		21,769	3.27
36	City of Gainesville			3,327,000		91,703	2.76
37							
38	TOTAL			16,432,900		675,174	4.11
39			Due from Florida	Power Corp.		717	
						675,891	

1/ Kw or kva (specify which).

UTILITY PLANT

Line No	Item (a)	Balance Beginning of Year (b)	Additions During Year (c)	Retirements During Year (d)	Transfers and Adjustments (e)	Balance End of Year (f)
	Electric Utility Plants:					
	Electric Plant in Service:					
1	Intangible Plant					
	Production Plants:					
2	Steam Production	92,252,000	1,428,000	---	(99,000)	93,581,000
3	Nuclear Production	7,294,000	484,000	125,000	---	7,653,000
4	Hydraulic Production	---	---	---	---	---
5	Other Production (specify) Gas...	4,667,000	---	---	---	4,667,000
6	Total Production Plant	104,213,000	1,912,000	125,000	(99,000)	105,901,000
7	Transmission Plant	33,901,000	1,848,000	1,000	---	35,748,000
8	Distribution Plant	54,992,000	3,958,000	1,852,000	(8,000)	57,090,000
9	General Plant	411,000	29,000	---	89,000	529,000
10	Total Electric Plant in Service..	193,517,000	7,747,000	1,978,000	(18,000)	199,268,000
11	Electric Plant Leased to Others	1,671,000				1,671,000
12	Construction Work in Progress-Electric.	7,036,000				28,457,000
13	Electric Plant Held for Future Use.....	---				---
14	Electric Plant Acquisition Adjustments.	186,000				178,000
15	Total Electric Plant	202,410,000				229,574,000
16	Plant of Other Utility Depts. (specify)..	61,477,000				64,594,000
17	Water					
18	Total Utility Plant	263,887,000				294,168,000

* This account is designed to include the difference between (a) the cost to the respondent utility of electric plant acquired as an operating unit or system by purchase and (b) the depreciated original cost, estimated if not known, of such property.

ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT & C

Line No.	Name of Utility Department (a)	Balance Beginning of Year (b)	Depreciation Accruals for Year (c)	Net Charges for Plant Retired During Year (d)	Other Items Debit or Credit (Explain) (e)*	Balance End of Year (f)
21	Electric	67,789,000	6,495,000	2,586,000	743,000	72,441,000
22	Other utility department (specify)					
23	Leased Plant	221,000	56,000			277,000
24	Water & Common	22,535,000	1,727,000	379,000	1,264,000	25,147,000
25	Total	90,545,000	8,278,000	2,965,000	2,007,000	97,865,000

*e) CIAC additions

LONG-TERM DEBT

Line No.	Class and Series of Obligation (a)	Nominal Date of Issue (b)	Date of Maturity (c)	Outstanding per Balance Sheet (d)	Interest for Year	
					Rate (e)	Amount (f)
31	Water & Electric Revenue Refunding & Improvement Bonds, Series 1978	1978	2008	\$ 110,330,000	6.3	\$ 6,856,896
32						
33	Improvement Bonds, Series 1978A	1979	2008	40,000,000	6.1	969,711
34						
35						
36				150,330,000		7,826,607
37						
38						
39						
40						

TAXES, TAX EQUIVALENTS, CONTRIBUTIONS AND SERVICES DURING YEAR

Report below the information called for respecting contributions and services to the municipality or other government units by the electric utility and, conversely, by those bodies to the electric utility. Do not include: (a) loans and advances which are subject to repayment or which bear interest, (b) payments in retirement of loans or advances previously made, (c) contributions by the municipality of funds or property which are of the nature of investment in the electric utility department.

operating expenses, etc., and in column (e) show amounts which are not accounted for in respondent's financial statements. For those amounts not included in respondent's financial statements, explain in a footnote the reason for their omission.

2. Enter in column (c) the total contributions made or received. Show in column (d) amounts included in column (c) which have been accounted for in the respondent's financial statements, i.e., balance sheet, income account, earned surplus, operating revenues,

3. Taxes included in this schedule should be limited to those amounts chargeable to operations of the electric utility department. Exclude gasoline and other sales taxes which are included in the cost of transportation and materials.

4. Tax equivalents included in this schedule should be amounts which are understood to constitute payments equivalent to or in lieu of amounts which would be paid if the electric utility department were subject to local tax levies.

Line No.	Item (a)	kwh 1,000's (b)	Amount of Contribution or Value of Services		
			Total (c)	Included in Financial Statements (d)	Not included in Financial Statements (e)
	By the Electric Utility to the Municipality or Other Government Units:		\$	\$	\$
1	Taxes	xxxxxxxxxxxxxx	1,176,448	1,176,448	
2	Tax equivalents	xxxxxxxxxxxxxx	2,954,512	2,954,512	
3	To general funds of the municipality	xxxxxxxxxxxxxx	8,306,550	8,306,550	
4	Other (specify*) Payment to County	xxxxxxxxxxxxxx	261,004	261,004	
5	.....	xxxxxxxxxxxxxx			
6	Total contributions	xxxxxxxxxxxxxx	12,698,514	12,698,514	
	Street and highway lighting	18,909,384	1,091,028	1,091,028	
	Municipal pumping	Not Available	2,074,575	2,074,575	
9	Other municipal light and power				
10	Other electric service				
11	Nonelectric service (specify*) Computer Svcs.	xxxxxxxxxxxxxx	9,996	9,996	
12	Miscellaneous Services	xxxxxxxxxxxxxx	22,617	22,617	
13	Total services		3,198,216	3,198,216	
14	Total contributions and services by the electric utility		15,896,730	15,896,730	
	By the Municipality or Other Government Units to the Electric Utility:				
15	For operations and property maintenance				
16	Other (specify*)				
17	.....			
18	Total contributions				
19	Office space				
20	Water				
21	Engineering service				
22	Legal service				
23	Other service (specify*) Power		3,165,603	3,165,603	
24	Computer & Misc. Svcs.		32,613	32,613	
25	Total services		3,198,216	3,198,216	
	Total contributions and services by the municipality		3,198,216	3,198,216	
27	Net Contributions and Services by the Electric Utility to the Municipality or Other Government Units (line 14 minus line 26)		12,698,514	12,698,514	
	Electric 8,306,550				
	Water 1,948,450				
	<u>10,255,000</u>				

* Use insert sheet if necessary.

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Large plants 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 fact 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 term basis, the B.t.u. content of the gas should be given and the quantity of fuel burned converted to M cu. ft. (14.73 psia at 60 °F).
6. Quantities 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

Line No.	Item (a)	Plant Name: Lake Highland (b)			Plant Name: Lake Highland (c)		
		Coal	Gas	Oil	Coal	Gas	Oil
1	Kind of plant (steam, internal combustion, gas turbine or nuclear).....	Steam			Gas Turbines		
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.).....	Conventional			Conventional		
3	Year originally constructed.....	1949			1958		
4	Year last unit was installed.....	1956			1958		
5	Total installed capacity (maximum generator name plate ratings in kw.).....	103,750			37,500		
6	Net peak demand on plant—kw. (60 minutes)..	83,000			29,000		
7	Plant hours connected to load.....	6,587			172		
8	Net continuous plant capability, kilowatts:						
9	(a) When not limited by condenser water....	90,000			32,000		
10	(b) When limited by condenser water.....	86,000			26,000		
11	Average number of employees.....	46			---		
12	Net generation, exclusive of plant use.....	165,605,000			2,858,000		
13	Cost of plant:						
14	Land and land rights.....						
15	Structures and improvements.....						
16	Equipment costs.....						
17	Total cost.....						
18	Cost per kw. of installed capacity (Line 5)..						
19	Production expenses:						
20	Operation supervision and engineering.....						
21	Fuel.....						
22	Coolants and water (nuclear plants only)....						
23	Steam expenses.....						
24	Steam from other sources.....						
25	Steam transferred (Cr.).....						
26	Electric expenses.....						
27	Misc. steam power expenses (or nuclear)....						
28	Rents.....						
29	Maintenance supervision and engineering....						
30	Maintenance of structures.....						
31	Maintenance of boiler plant (or reactor plant)..						
32	Maintenance of electric plant.....						
33	Maintenance of misc. steam plant (or nuclear)						
34	Total production expenses.....						
35	Expenses per net kwh. (Mills—2 places)...						
36	Fuel: Kind.....	Coal	Gas	Oil	Coal	Gas	Oil
37	Unit: (Coal—tons of 2,000 lb.) (Oil—barrels of 42 gals.) (Gas—M cu. ft.) (Nuclear, indicate).		MCF	BBL		MCF	BBL
38	Quantity (units) of fuel burned.....		2,109,491	48,345.5		50,055	1,068
39	Average heat content of fuel burned (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)..		1,028	149,235		1,027	139,023
40	Average cost of fuel per unit, as delivered f.o.b. plant during year.....		1.569	16.409		1.569	15.896
41	Average cost of fuel per unit burned.....		1.569	16.409		1.569	15.896
42	Avg cost of fuel burned per million B.t.u....		1.527	2.618		1.528	2.949
43	Avg cost of fuel burned per kwh. net gen....		\$0.024781			\$0.033426	
44	Average B.t.u. per kwh. net generation.....		14,922			20,167	

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

expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. For I.C. and G.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 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 com-

bined 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 the fuel accounting specifying the accounting methods and 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, and other physical and operating characteristics of the plant.

Indian River (d)			Crystal River (e)			(f)			Line No.
Steam			Nuclear						1
Conventional									2
1960			1977						3
1974			1977						4
638,800			13,800*						5
566,000			---						6
8,760									7
									8
619,000			13,000						9
610,000			13,000						10
97			---						11
2,943,366,000			60,471,000						12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
*OUC has an undivided ownership interest of 1.6015% (13.8 MW) as a tenant in common in Florida Power Corp's Crystal River #3 Nuclear unit.									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
			NUCLEAR						35
Coal	Gas	Oil	YEEN	Gas	Oil	Coal	Gas	Oil	36
	MCF	BBL	MILLION BTU						37
	11,524,432	2,981,552	640,230						38
	1,028	149,885	---						39
									40
	1.592	16.132	---						41
	1.592	16.132	0.199						42
	1.548	2.562	0.199						43
	\$0.022574		\$0.002108						44
	10,408		10,587						45

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants)

- 1. Large plants are hydro plants of 10,000 kw. or more of installed capacity (name plate ratings).
- 2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes. If licensed project give project number.
- 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.

Line No.	FPC Licensed Project No. and Plant Name:		(b)	(c)
	Item (a)			
1	Kind of plant (run-of-river or storage).....		NOT APPLICABLE	
2	Type of plant construction (conventional or out-door).....			
3	Year originally constructed.....			
4	Year last unit was installed.....			
5	Total installed capacity (generator name plate ratings in kw.).....			
6	Net peak demand on plant—kilowatts (60 minutes).....			
7	Plant hours connected to load.....			
8	Net plant capability, kilowatts:			
9	(a) Under the most favorable oper. conditions			
10	(b) Under the most adverse oper. conditions			
11	Average number of employees.....			
12	Net generation, exclusive of plant use.....			
13	Cost of plant:			
14	Land and land rights.....			
15	Structures and improvements.....			
16	Reservoirs, dams, and waterways.....			
17	Equipment costs.....			
18	Roads, railroads, and bridges.....			
19	Total cost.....			
20	Cost per kw. of installed capacity (Line 5).....			
21	Production expenses:			
22	Operation supervision and engineering.....			
23	Water for power.....			
24	Hydraulic expenses.....			
25	Electric expenses.....			
26	Misc. hydraulic power generation expenses.....			
27	Rents.....			
28	Maintenance supervision and engineering.....			
29	Maintenance of structures.....			
30	Maintenance of reservoirs, dams, and waterways.....			
31	Maintenance of electric plant.....			
32	Maintenance of misc. hydraulic plant.....			
33	Total production expenses.....			
34	Expenses per net kwh. (Mills—2 places)....			

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

5. The items under cost of plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Ex-

penses classified as "Other Power Supply Expenses."

6. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant.

(d)	(e)	(f)	Line No.
			1
			2
			3
			4
			5
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			10
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			31
			32
			33
			34

NOTE: APPLICABLE

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 8 and 9 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	Indian River	1	86.7	10654	385.864	Oil & Gas
2	Indian River	2	207.6	10520	780.783	Oil & Gas
3	Indian River	3	344.5	10296	1,776.719	Oil & Gas
4						
5						
6						
7						
8						
9						
10						
Total System Steam Plants						
11			742.55	10643	3,108.971	

*Generator rating at maximum hydrogen pressure.

Net Generation—Kwh:

{Annual Unit Capacity Factors

Unit KW. Capacity (as included in plant total—line 5, pg. 8 & 9)X8,760 hours

GENERATING PLANT STATISTICS (Small Plants)

1. Small generating plants are steam plants of less than 25,000 kw.; internal combustion and gas turbine plants, conventional hydro plants and pumped storage plants of less than 10,000 kw. installed capacity (name plate rating).

2. Designate any plant leased from others, operated under a license from the Federal Power Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote. If licensed project give project number in footnote.

3. List plants appropriately under subheadings for steam, hydro, nuclear, internal combustion and gas turbine plants. For nuclear, see instruction 10, page 432a.

4. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If any plant is equipped with combinations of steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, or for preheated combustion air in a boiler, report as one plant.

Line No.	Name of Plant (a)	Year Orig. Const. (b)	Installed Capacity-Name Plate Rating-KW (c)	Net Peak Demand KW (60 Min.) (d)	Net Generation Excluding Plant Use (e)	Cost of Plant (f)	Plant Cost per KW Inst. Capacity (g)	Production Expenses			Kind of Fuel (k)	Fuel Cost Cents per Million B.t.u. (l)
								Operation Excl. Fuel (h)	Fuel (i)	Maintenance (j)		
1												
2												
3												
4												
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6												
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28												

NOT APPLICABLE

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	Lake Highland	Orlando, FL	2-1949	Oil - Gas	870	900	150
2			1-1954	Oil - Gas	870	900	150
3			1-1956	Oil - Gas	870	900	150
4			Atomizing Steam Oil & Burners used in all boilers				
5	Indian River	5 Miles, South of Titusville	1-1960	Oil & Gas	1,850	1005/1005	635
6			1-1964	Oil & Gas	1,870	1005/1005	1,200
7			1-1974	Oil & Gas	1,860	1005/1005	2,265
8			Mechanical Atomizing Oil burners used in all boilers				
9	Crystal River 3*	Sec. 33 T17s R16E. Citrus Co Florida	1-1977				
10							
11							

*OUC has an undivided ownership interest of 1.6015% (13.8 MW) as tenant in common in Florida Power Corp's Crystal River #3 nuclear unit.

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)		
1949	25,000	SC	850	3,600	25,000	28,750	0.5	15	0.8	12.5	28,750	1	
1954	30,000	SC	850	3,600	30,000	37,500	0.5	30	0.85	12.5	37,500	2	
1956	33,000	SC	850	3,600	30,000	37,500	0.5	30	0.85	12.5	37,500	3	
					Plant Capacity Limited to 96,000KW by available steam							4	
												5	
												6	
												7	
												8	
1960	86,700	TC	1,800	3,600	70,000	86,700	0.5	30	0.85	13.8	86,700	9	
1964	207,000	TC	1,800	3,600	188,700	207,600	30	45	0.85	22.0	207,600**	10	
1974	344,500	TC	1,800	3,600	294,500	344,500	30	45	0.90	22.0	344,500	11	
												12	
												13	
												14	
												15	
												16	
						860,382					860,382	17	
												18	
												19	
												20	
												21	
												22	
												23	
												24	
												25	
												26	
												27	
												28	
												29	
												30	
												31	
												32	
												33	

**this unit has a shaft driven boiler feed pump rated 1,500,000 lbs per hr.

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 noncondensing (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.

HYDROELECTRIC GENERATING PLANTS

1. Include in this schedule Hydro plants of 10,000 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 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 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 ex-

Line No.	Name of Plant (a)	Location (b)	Name of Stream (c)	WATER WHEELS			
				Attended or Unattended (d)	Type of Unit ^a (e)	Year Installed (f)	Gross Static Head With Pond Full (g)
1							
2							
3							
4							
5							
6							
7		NOT APPLICABLE					
8							
9							
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38							
39							
40							

^aHorizontal or vertical. Also indicate type of runner—Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I). Designate reversible type units by appropriate footnote.

HYDROELECTRIC GENERATING PLANTS (Continued)

plaining 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 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.

WATER WHEELS—Continued			GENERATORS						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Plant (p)		
										1
										2
										3
										4
										5
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										8
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										40

NOT APPLICABLE

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 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	Lake Highland	Orlando, FL	Gas Turbine	1958	Open	D.C.
2						
3						
4						
5						
6						
7						
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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 (a)	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)		
22,127	1958	12,500	3	60 hz	18,750	2	37,500	1
								2
								3
								4
								5
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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	NONE				
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	McIntosh #3, Lakeland, FL*	Steam	134,000	--	1/79	10/81
2	Curtis H. Stanton #1	Steam	200,000	--	10/82	5/86
3	Orange County, FL**					
4	* OUC has acquired a 40% undivided ownership interest in the City of Lakeland FL					
5	McIntosh #3 unit (334MW Net)					
6	**OUC is planning joint ownership with yet unnamed participants in this 400MW (net)					
7	coal fired unit.					

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	NONE					
2						
3						
4						
5						
6						
7						

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

TRANSMISSION LINE STATISTICS

1. Report below information requested concerning each transmission line. Show highest voltages first. If more space is required use an insert page with column headings as shown in this schedule.
2. The type of supporting structure reported in column (d) should indicate whether (1) single pole, wood or steel; (2) H-frame, wood or steel poles; (3) tower; or (4) underground construction.
3. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another give name of lessor.
4. Designate any transmission line leased to another and give name of lessee.

Line No.	DESIGNATION		Voltage (c)	Type of Supporting Structure (d)	LENGTH (POLE MILES)		Number of Circuits (g)	Size of Conductor and Material (h)	
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)			
1	Indian River	Cape Kennedy	230	3		0.41	1	954MCMAC	SR
2		(FPL) Ownership							
3		Point							
4	Pershing	Rio Pinar (FPC)	230	3		3.13	1	954MCMAC	SR
5		Ownership Point							
6	Southwood	Windermere (FPC)	230	3	0.17		1	954MCMAC	SR
7		Ownership Point							
8	Pershing	Indian River	230	3	31.95		1	954MCMAC	SR
9									
10									

TRANSMISSION LINES ADDED DURING THE YEAR

1. Report below the information called for concerning transmission lines added during the year. It is not necessary to report minor revisions of lines. If more space is required use an insert page with column headings as shown in this schedule.
2. Show each transmission line separately. If construction is underground indicate by footnote. If actual costs of completed construction are not readily available for reporting at lines 32 through 35 it is requested that estimated final completion costs be shown. Designate if estimated amounts are reported. Include costs of Clearing Land and Rights-of-Way, and Roads and Trails, at line 32 with appropriate footnote, and costs of Underground Conduit at line 33.
3. If design voltage differs from operating voltage indicate such fact by footnotes; also where line is other than 60 cycle, 3 phase indicate such other characteristic.

Line No.					
21	Line designation:	xxxx	xxxx	xxxx	xxxx
22	From	Pine Hills			
23	To	Woodsmere			
24	Line length in miles	1.2			
25	Supporting structure:	xxxx	xxxx	xxxx	xxxx
26	Type	Wood Pole			
27	Average number per mile				
28	Circuits per structure:	xxxx	xxxx	xxxx	xxxx
29	Present	one			
30	Ultimate				
31	Conductors:	xxxx	xxxx	xxxx	xxxx
32	Size	954MCM			
33	Material	ACSR			
34	Configuration and spacing				
35	Voltage - kv (operating)	230			
36	Line Cost (omit cents):	xxxx	xxxx	xxxx	xxxx
37	Land and land rights	\$ None	\$	\$	\$
38	Poles, towers, and fixtures ..	82,378			
39	Conductors and devices	111,287			
40	Total	\$ 193,665			

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		
Generation (excluding station use):		
1	Steam	3,111,829,000
2	Nuclear	60,471,000
3	Hydro	-0-
4	Other (specify)	-0-
5	Total generation	3,172,300,000
6	Purchases	16,432,900
7	In (gross) <u>1,054,633,000</u> Kwh	
8	*Interchanges Out (gross) <u>1,054,652,000</u> Kwh	
9	Net	(19,000)
10	Received	
11	*Transmission for/by others (wheeling) Delivered	
12	Net	
13	Total	3,188,713,900
DISPOSITION OF ENERGY		
14	Sales to ultimate consumers (including interdepartmental sales)	2,107,017,009
15	Sales for resale	981,753,000
16	Energy furnished without charge	
Energy used by the utility (excluding station use):		
17	Electric department only (use by other departments should be accounted for as sales)	
18	Energy losses: Transmission and conversion losses	
19	Distribution losses	
20	Unaccounted for losses	
21	Total energy losses	
22	(.3.1. percent of total energy generated, purchased and interchanged)	99,943,891
23	TOTAL	3,188,713,900

*Submit an explanatory statement of any interchange, transmission, or wheeling transaction, giving name of other party and amount of compensation for the service to or by the respondent.

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Southwood	Pershing	230	3	27.26		1	954MCMACSR
Weber	America	115	4	1.96		1	1500MCMCU
Weber	Bennett	115	1	3.15		1	400MCMCU
Weber	Country Club	115	4	1.92		1	1500MCMCU
Pine Hills	Turkey Lake	115	1	3.30		1	300MCMCU
Azalea	Pershing	115	2	4.18		2	400MCMCU
Azalea	Bennett	115	1,2	2.78		1	400MCMCU
Holden	Southwood	115	1	3.55		1	300MCMCU
Holden	Michigan	115	1	5.07		1	400MCMCU
Southwood	Martin	115	1	2.66		1	300MCMCU
Pershing	Indian River	115	2	31.90		2	636MCMACSR
Pershing	Michigan	115	1	4.59		1	400MCMCU
Pershing	Michigan	115	1	5.79		1	927MCMACAR
Michigan	Kaley	115	4	2.12		1	2500MCMCU
America	Kaley	115	1	1.44		1	927MCMACAR
Southwood	Turkey Lake	115	1	2.43		1	300MCMCU
Pine Hills	Country Club	115	1	3.22		1	927MCMACAR
Pine Hills	Woodsmere (FPC) Ownership Point	230	1	1.2		1	954MCMASCR



ATTESTATION

The foregoing report must be attested by an authorized officer of the reporting utility.

Richard D. Brown

certifies

(Insert here the name of the attester)

that he is Assistant Manager of Financial Operations

(Insert here the official title of the attester)

of ORLANDO UTILITIES COMMISSION

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

that he has examined this 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 -

January 1, 19 79, to and including December 31, 19 79.


(Signature of attester)

Attachment C-4 ~~III b-1-5~~

POWER SYSTEM STATEMENT

For the Year Ended December 31, 1978

MADE BY

ORLANDO UTILITIES COMMISSION

(Full legal name of respondent)

500 South Orange Avenue, P. O. Box 3193, Orlando, Florida 32802

(Address)

COVERING

O. U. C.

(Common designation of system)

TO THE

ENERGY INFORMATION ADMINISTRATION

Department of Energy
Forrestal Building
1000 Independence Ave., S.W.
Washington, D.C. 20585
Rm. BG-042

The following is an excerpt from the Commission's regulations prescribing the filing of Power System Statements for Electric Utilities, Licenses, and Others.

Part 141—Statements and Reports (Schedules)

* * * * *

§ 141.51 Form No. 12, Power system statements for Class I and II systems and for Class IV and V systems where requested.

(a) The revised FPC Form No. 12 Power System Statement (Class I, II, IV and V Systems), including the revised instructions and schedules therein contained, be and the same hereby is approved and adopted.

(b) Each corporation, person, agency, authority or other legal entity or instrumentality, whether public or private, which operates facilities for the generation or transmission or distribution of electric energy, and which is in the classification of Class I or Class II Sys-

tems or is in the classification of Class IV or V Systems, where Form No. 12 is requested (as such classes are defined in the accompanying revised FPC Form No. 12), shall hereafter annually prepare and file with the Commission on or before the 1st of May of 1956, and each year thereafter, such statement or statements, and in such form as is required by said instructions and schedules, setting forth the answers to the questions therein stated, and furnishing the information therein called for, for the preceding calendar year.

* * * * *

The revised form was prescribed by the Commission by Order No. 183, issued January 14, 1956 (15 FPC 790) and amended by Order No. 224, issued Sept. 15, 1960 (24 FPC 460) and Order No. 312, issued December 20, 1965. Statutory authority for the Commission's action is granted by the Federal Power Act, as amended (49 Stat. 838; 16 U.S.C. 791a-825r) and particularly Sections 4(a), 301(a), 302(b), 303, 304, 309 and 311 (49 Stat. 839, 854, 855, 858, 859; 16 U.S.C. 797(a), 825(a), 825a(b), 825b, 825c, 825h, 825j).

On October 1, 1977, pursuant to the provisions of the Department of Energy Organization Act (DOE Act), Public Law 95-91, 91 Stat. 572 (August 4, 1977), the Energy Information Administration (EIA) was established within the Department of Energy with the responsibility to perform the primary DOE role in the collection of data, including regulatory and international energy data.

DEFINITIONS

1. "Person," as hereinafter used, means a corporation or person, as defined in section 3 of the Federal Power Act, agency, authority, or other legal entity or instrumentality, whether public or private, including a municipality as defined in said section 3.
2. "System," as hereinafter used, means all physically connected electric generating and/or transmission and/or distribution facilities operated as a unit under one control, management, or operating supervision by one or more persons.
3. "Respondent," as hereinafter used, means the person or persons upon whose behalf a power system statement is filed.
4. The "net energy for system" (entered on line 7 of schedule 9) is the sum of system net generation and energy received from others less the energy delivered to others for resale.
5. The "capability" of a generating plant is defined as its load-carrying ability at the specified power factor and indicated time interval independent of the other characteristics of the load.
In general, a plant's capability is determined by design characteristics; physical condition; adequacy of the prime mover; prime mover steam supply; operational limitations, such as cooling and circulating water supply and temperature, ambient temperature; and head and tailwater elevations.
6. The "dependable capacity" of a generating plant or groups of plants is defined as the load-carrying ability for the time interval and period specified when related to the characteristics of the load to be supplied.
In general, a plant's dependable capacity is influenced not only by factors affecting its capability, but by such factors as the duration of the system peak, position on the load curve where the plant is to be operated, and the plant's operating power factor.
7. "Demand interval" is the period of time over which the demand is measured. Each system shall report load data on the basis of integrated demands for 60-minute clock-hour intervals. Where demand data are not available on this basis, it is desired that adjustments be made to approximate the integrated demand for 60-minute-clock-hour intervals and explained in footnotes. Where such adjustment cannot be made, demand data should be furnished in the form available and explained in footnotes.
8. The terms "hydro" and "hydroelectric" for purposes of this statement refer to conventional hydroelectric plants.

GENERAL INSTRUCTIONS

Statements concerning the operation of electric power systems as required by the Commission's order, shown on page 1, should be prepared and filed in conformity with the following requirements, unless otherwise directed by the Energy Information Administration.

1. Where a person operates a system and only one system, one statement should be filed for that system.
2. Where a person operates more than one system, separate statements should be filed for each system so operated.
3. Where more than one person operates a system, either a consolidated statement should be filed upon behalf of all, or separate statements should be filed by each, as directed by the Energy Information Administration.
4. Where several systems, filing separate reports, are operated under some form of power pool operation or common dispatching, a supplementary power system statement on FPC Form No. 12 covering the pool operations should also be filed, including a brief statement describing the method of operation under the power pool arrangement.
5. Scope of the statement:

Basis of Classification	Class of System	Scope of Statement
Systems which generate all or part of system requirements and, whose net energy for system for the year covered by this statement was—		
More than 100,000 megawatt-hours*	I	Form No. 12 complete.
20,000 to 100,000 megawatt-hours*	II	Form No. 12 complete, excepting schedule 15.
5,000 to 20,000 megawatt-hours*	III	Form No. 12-A.
Less than 5,000,000 kilowatt-hours	III	Form No. 12-D.
Systems engaged primarily in sales for resale and/or sales to Industrials, all other sales being negligible	IV	
Systems which obtain entire energy requirements from other systems		Form No. 12-A unless Form No. 12 or No. 12-D is requested.

6. Six signed copies of the completed statement, including the original if the report is typewritten, shall be returned to the Energy Information Administration at the address shown on the front of the cover supplied by the Department.
7. All communications concerning this statement and all requests for extra copies of complete forms, individual pages or additional covers should be addressed to the Energy Information Administration, Washington, D.C.
8. Entries on this form may be made by typewriter, with pen and ink, or by any suitable method to facilitate reproduction, provided the entries are legible and in proper alignment.
9. Before the statement is prepared in final form for return to the Department, all figures on the working copy should be checked for mathematical accuracy and for consistency, where the same figures appear in more than one schedule in this or in other statements or reports submitted to the Energy Information Administration. Any apparent inconsistency should be explained.
10. No deviation from these instructions should be undertaken without the approval of the Energy Information Administration.
11. Insert the word "none" where it is a true and complete answer to any particular inquiry. Insert the words "not applicable" in those schedules or parts of schedules which do not apply to the respondent's system.
12. Where exact data are not available, report estimated data and designate such entries by the abbreviation "Est."
13. All information shall be furnished for the calendar year.
14. All information is to be furnished for the system as it existed at the end of the year. In the event part of the system was acquired by the respondent during the calendar year, the respondent should report this part for the entire year, obtaining the necessary information from the records of the previous owners. In the event part of the system was disposed of during the calendar year and the respondent was not operating that part at the end of the year, the respondent should not report on this part at all.

*One megawatt-hour equals 1,000 kilowatt-hours.

POWER SYSTEM STATEMENT FOR THE CALENDAR YEAR 1978
General Information

1. Statement covering facilities for generation and/or transmission and/or distribution of electric energy of the.....

ORLANDO UTILITIES COMMISSION O.U.C.
(Full legal name of respondent) (Common designation of system)

2. Located in the State(s) of Florida

3. Prepared and filed by Orlando Utilities Commission
(Full legal name of company or agency)

500 South Orange Avenue, P. O. Box 3193, Orlando, Florida 32802
(Full Address)

4. Name, title, address, and telephone number of official to whom correspondence concerning this statement should be addressed

Donald E. Moore, Director, System Planning Same as above 423-9172
(Name) (Title) (Address) (Tel. No.)

5. Name and address of top holding company

6. (Check where applicable)
 A. Respondent operates only one system.
 B. Respondent operates the other systems listed below. (Indicate by an asterisk those systems for which power system statements are not being filed for the year of this report).

Designation of System	Location	
		1
		2
		3
		4
		5
		6
		7
		8

C. This is a consolidated statement filed in accordance with general instruction 3 on behalf of the following companies. (If all of a company's systems are not included, state what systems are excluded and their location.)

Legal Name and Address	Systems Not Included	
		1
		2
		3
		4
		5
		6
		7
		8

7. Respondent is a party to the supplementary power system statement designated as
 filed in accordance with general instruction 4.

8. List all subsidiaries of system companies other than those listed in item 6-C above, and state the nature of their business.

Legal Name and Address	Nature of Business	
		1
		2
		3
		4
		5
		6
		7
		8

Schedule 1

CAPACITY AND OUTPUT OF SYSTEM GENERATING PLANTS

INSTRUCTIONS

1. Plants should be grouped according to type and subtotals should be shown for each type in columns 4 through 11. If any plant is equipped with combinations of hydro, pumped storage, steam, internal-combustion engine, and gas-turbine units, each kind should be listed as though it were a separate plant. Nuclear plants should be included in the steam group, but it should be indicated in column 1 or in footnote that they are nuclear plants.

2. If the facilities of more than one company are included in this statement, give the name of the company operating each of the listed plants at the end of the year, in column 1. These entries may be made in the form of symbols referenced to the list of companies in item 6-C, page 3. If a plant is leased, also give name of the lessor.

3. Designate with an asterisk those plants which were constructed, purchased, or leased and placed in operation during the year; also, plants in which major alterations were made during the year such as the installation or removal of generating or boiler units or other significant changes. The dates on which new plants were placed in operation or the dates on which significant changes were completed should be given in column 1 or in footnotes.

4. Plants now undergoing alterations should be noted with a double asterisk.

5. At the bottom of the page in column 1, list all plants which were dismantled or removed from service during the year and give the dates such changes were made. Omit the capacity of such plants in columns 4 and 5, but give the data called for in other columns where applicable.

6. In column 1 give the name of each system plant; and in column 2 the name of the community (or nearest community) and State in which each plant is located.

7. A power factor of 0.8 should be used to determine the kilowatt capacity of those units which are rated in magavolt-amperes only.

8. Figures in column 4 should be based upon the rating at maximum pressure shown on nameplate for units with hydrogen cooling.

9. In column 5 give the installed capacity of auxiliary or "house" generating units.

10. In column 6, show the megawatt-hour output of all main generating units and all auxiliary generating units in each plant.

11. In column 7, show the total amount of energy consumed during the year, for plant light and power and for plant auxiliaries. Energy for synchronous condenser operation in the plant may also be included in column 7 as plant use if it is so treated in respondent's records; otherwise include in Item E of Schedule 9. For pumped storage plants, report under column 7, item (a) normal

(Instructions continued on next page)

1 2 3 4 5	Name of Plant and of Company Operating Plant (Group plants according to type and show subtotals for each)	Location of Plant (Nearest community and State)	Type Plant (Hydro, pumped storage, steam, I.C. engine, gas turbine)	Installed generating capacity in MW at end of year—manufacturer's maximum nameplate rating of generator.	
				Total of main generating units	Total of auxiliary or house units
6 7 8 9 10	(1)	(2)	(3)	(4)	(5)
6	Indian River Plant	Titusville, FL	Steam	638.8	0.2
7	Lake Highland Plant	Orlando, FL	Steam	103.75	—
8	Crystal River Unit #3*	Citrus County, FL	Steam	13.8	—
9	Lake Highland Plant	Orlando, FL	Gas Tur	37.5	—
10	Lake Highland Plant	Orlando, FL	I.C. Eng	—	1.0
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22	*OUC has an undivided ownership interest of 1.6015% (13.8 Gross MW)				
23	as a tenant in common in Florida Power Corporation's Crystal River #3				
24	860 (gross) MW nuclear unit.				
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36	System Totals	XXXXXXXXXXXXXXXXXX	XXXXX	793.85	1.2

Schedule 1—Continued

CAPACITY AND OUTPUT OF SYSTEM GENERATING PLANTS

INSTRUCTIONS—Continued

auxiliary use and under item (b) energy used for pumping. Pumping energy is that energy measured as input to the plant for pumping purposes.

12. In column 8, net generation should be the difference between gross generation, column 6, and plant use, and energy used for pumping, column 7. Where net generation entries are minus quantities, they should be so noted.

13. In column 9, give the total installed capacity of generating units which were carrying load or operating as spinning reserve, in each plant, at the time of system peak load of the year as shown in column 10, Schedule 14.

14. In column 10, give the net plant capability of each generating plant at the time of the system peak load of the year as shown in column 10, Schedule 14, whether or not it was carrying load or was maintained as reserve at that time. Include the capacity of equipment which was out of service for maintenance or repair at that time, and exclude the capacity of equipment not

maintained in condition to operate for regular or emergency service. Net plant capability, as reported in column 10, should be the maximum load-carrying capacity normally available at time of system peak (station use deducted) for a period of one hour. For definition of plant capability see definition No. 5, page 2.

15. In column 10, designate whether a plant was used for base load, peaking, or standby service (at the time of the system peak) by inserting after each figure for capability "b," "p," or "s," or any appropriate combinations thereof.

16. In column 11, give the integrated megawatt demand (net) on each generating plant for the interval during which the system peak load of the year occurred, consistent with the time interval used by the respondent in reporting on Schedules 13 and 14. See definition No. 7, page 2.

17. Estimates (noted "Est.") for columns 6, 7, 8, and 11 should be furnished if measured quantities are not available.

Megawatt-hours During the Year			Megawatts (At the time of the system peak load of the year shown in col. 10, Schedule 14) Date: 8-29 Time: 1800 Demand Interval: 60-Min.			
Gross generation (6)	Plant use (7)	Net generation (col. 6 minus col. 7) (8)	Installed capacity connected to load (9)	Net plant capability (10)	Net demand on plant (11)	
						1
						2
						3
						4
2,872,685	97,230	2,775,455	638.8	612 b	543	5
66,732	8,984	57,748	66.25	60 p	54	6
43,702	2,189	41,513	0	0	0	7
1,865	18	1,847	0	0 s	0	8
0	0	0	0	0	0	9
						10
						11
						12
						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
2,984,984	108,421	2,876,563	705.05	672	597	36

**Schedule 2
SYSTEM HYDROELECTRIC DATA**

A. AGGREGATE DEPENDABLE HYDROELECTRIC CAPACITY AND POTENTIAL ENERGY.

This schedule need not be completed if there have been no changes affecting the data previously reported. In such case the following notation should be made at the bottom of the page: "Data reported on FPC Form 12 for the year 19. . . , correct as of December 31 of the year herein reported." *Furnish data indicated below in accordance with the instructions in paragraphs 1-5, page 7.*

ADVERSE FLOW CONDITIONS*

Month (1)	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		Dependable Capacity (Megawatts) (9)
	Storage Plants		Run-of-River Plants (4)	Total Available (Col. 2 plus col. 3 plus col. 4) (5)	In Storage End of Month ¹ (6)	Run-of-River Plants (7)	Storage Plants (8)	
	Natural flow (2)	Storage ² (3)						
Dec.	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX
Jan.								
Feb.								
Mar.								
April								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Year					XXXX	XXXX	XXXX	XXXX

AVERAGE OR MEDIAN FLOW CONDITIONS*

Month (1)	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		Dependable Capacity (Megawatts) (9)
	Storage Plants		Run-of-River Plants (4)	Total Available (Col. 2 plus col. 3 plus col. 4) (5)	In Storage End of Month ¹ (6)	Run-of-River Plants (7)	Storage Plants (8)	
	Natural flow (2)	Storage ² (3)						
Dec.	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX
Jan.								
Feb.								
Mar.								
April								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Year					XXXX	XXXX	XXXX	XXXX

¹ When energy is drawn from storage, show as a positive quantity. When energy is stored, show as a negative quantity in parentheses.

² Change in storage based on entry in column 3.

*NOTE.—The method or basis used in determining the above data for adverse flow and average or median flow conditions should be explained in accordance with instructions 2 and 3 of this schedule.

Notes:

Schedule 2
SYSTEM HYDROELECTRIC DATA

A. AGGREGATE DEPENDABLE HYDROELECTRIC CAPACITY AND POTENTIAL ENERGY.

This schedule need not be completed if there have been no changes affecting the data previously reported. In such case the following notation should be made at the bottom of the page: "Data reported on FPC Form 12 for the year 19. . . , correct as of December 31 of the year herein reported." *Furnish data indicated below in accordance with the instructions in paragraphs 1-5, page 7.*

ADVERSE FLOW CONDITIONS*

Month (1)	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		Dependable Capacity (Megawatts) (9)
	Storage Plants		Run-of-River Plants (4)	Total Available (Col. 2 plus col. 3 plus col. 4) (5)	In Storage End of Month ¹ (6)	Run-of-River Plants (7)	Storage Plants (8)	
	Natural flow (2)	Storage ² (3)						
Dec.	x x x x x x	x x x x x x	x x x x x x	x x x x x x	2,800	x x x x x x	x x x x x x	x x x x x x
Jan.	33,200	(2,000)	12,500	43,700	4,800	40.0	126.3	148.0
Feb.	32,000	(3,100)	11,900	40,800	7,900	40.0	127.5	149.0
Mar.	48,900	(14,200)	18,900	53,600	22,100	40.0	133.0	165.0
April	52,700	(17,700)	21,700	56,700	39,800	39.5	138.0	176.0
May	47,100	(11,700)	18,200	53,600	51,500	40.0	140.0	171.0
June	39,700	(3,500)	15,400	51,600	55,000	40.0	140.0	166.0
July	22,800	0	8,400	31,200	55,000	40.0	140.0	149.0
Aug.	11,000	11,600	4,200	26,800	43,400	40.0	139.0	142.0
Sept.	13,200	9,800	4,900	27,900	33,600	40.0	136.6	143.5
Oct.	14,300	15,600	5,600	35,500	18,000	40.0	131.5	141.0
Nov.	19,900	11,100	7,700	38,700	6,900	40.0	127.2	141.0
Dec.	27,900	5,400	10,500	43,800	1,500	40.0	125.0	143.0
Year	362,700	1,300	139,900	503,900	x x x x x x	x x x x x x	x x x x x x	x x x x x x

AVERAGE OR MEDIAN FLOW CONDITIONS*

Month (1)	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		Dependable Capacity (Megawatts) (9)
	Storage Plants		Run-of-River Plants (4)	Total Available (Col. 2 plus col. 3 plus col. 4) (5)	In Storage End of Month ¹ (6)	Run-of-River Plants (7)	Storage Plants (8)	
	Natural flow (2)	Storage ² (3)						
Dec.	x x x x x x	x x x x x x	x x x x x x	x x x x x x	1,500	x x x x x x	x x x x x x	x x x x x x
Jan.	47,300	(7,100)	19,400	59,600	8,600	40.0	128.0	161.0
Feb.	43,400	(6,800)	18,200	54,800	15,400	40.0	130.5	164.5
Mar.	58,200	(13,600)	24,600	69,200	29,000	36.5	135.5	172.0
April	62,700	(17,400)	25,500	70,800	46,400	36.0	139.7	175.7
May	58,200	(6,300)	24,000	75,900	52,700	37.0	140.0	177.0
June	51,600	(2,300)	21,600	70,900	55,000	39.5	140.0	177.5
July	42,000	0	18,200	61,100	55,000	40.0	140.0	171.0
Aug.	36,300	2,300	14,800	53,400	52,700	40.0	140.0	165.0
Sept.	33,500	6,600	13,700	53,800	46,100	40.0	139.5	163.5
Oct.	35,200	15,200	14,700	65,100	30,900	40.0	136.0	161.5
Nov.	39,000	13,100	15,900	68,000	17,800	40.0	132.0	155.0
Dec.	41,200	15,000	17,100	73,300	2,800	40.0	125.5	150.5
Year	549,500	(1,300)	227,700	775,900	x x x x x x	x x x x x x	x x x x x x	x x x x x x

¹ When energy is drawn from storage, show as a positive quantity. When energy is stored, show as a negative quantity in parentheses.

² Change in storage based on entry in column 3.

*NOTE.—The method or basis used in determining the above data for adverse flow and average or median flow conditions should be explained in accordance with instructions 2 and 3 of this schedule.

SAMPLE EXPLANATION

Notes:

Data reported under "Adverse Flow Conditions" are based on stream flows in the calendar year (19.....), which is the most adverse year of record. The critical flow period normally occurs during the last 6 months of the calendar year.

Data reported under "Average or Median Flow Conditions" are based upon the average of monthly stream flows during the period of record (19.....19.....).

Schedule 2—Continued

SYSTEM HYDROELECTRIC DATA—Continued

1. The data to be reported in Part A of Schedule 2 are intended to present a realistic picture of the potential energy and capacity of system hydroelectric plants under the specified flow conditions. The data to be reported should be based upon an assumed schedule of system operation that would permit serving the maximum possible annual system load with existing facilities and arrangements for purchase or sale of firm power, assuming a continuance of the relative seasonal and hourly variations of load that occurred during the year of this report. Contracts for purchase or interchange of off-peak energy also may be taken into account. In determining the magnitude of the seasonal load that could be carried by the system and the necessary scheduling of system operations, provisions for necessary maintenance scheduling and reserve capacity to be supplied by own system should be taken into account. Explanatory notes relative to Schedule 16 should be referred to in connection with this schedule. If the seasonal and hourly variations in load are expected to change materially, the information given may be based on the expected load shape, explaining in a footnote.

2. The information to be reported under adverse flow conditions should, in general, be based on stream flows equivalent to the year giving the most adverse flow conditions of record during the critical period of system operation. Where stream-flow records indicate that the most adverse flows are not likely to occur except at long intervals of time and are likely to be of a very short duration, the figures used in determining the capacity and energy available from hydro plants may be modified, treating such abnormal limitations as emergency conditions to be covered by the reserve capacity; such modifications, however, should be fully explained. Any system which maintains comparable data based on flows during a year which would give the minimum potential annual output, or based on minimum flow or output for each month, may report on whichever basis it believes will present the most realistic condition for its system. The basis of reporting should be fully explained in the space provided for notes with addenda sheets if needed.

3. Information to be reported under average or median flow conditions may be made on the assumption of the recurrence of flows equivalent to a year which would give the average annual potential output or may be based on median flow or output for each month, or average flow or output for each month, whichever it is believed will present the most realistic condition for its system. The basis of reporting should be fully explained in footnotes or addenda sheets.

4. "Run-of-river" refers to those plants whose operation cannot be regulated over a period of more than a few hours, either from storage at site or above, but whose operation is, in general, controlled by the volume of flow which must be utilized as it occurs or be wasted.

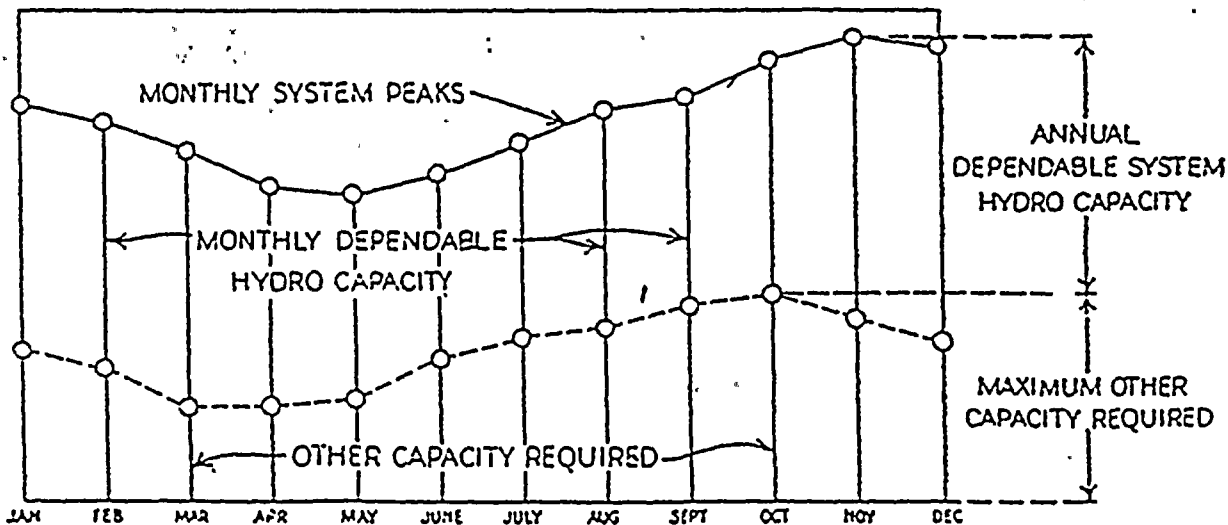
"Storage" refers to those plants whose operations can be varied as desired because of storage at site or above. This regulation may be weekly, monthly, or seasonal.

"Total available energy" refers to the maximum potential output of the existing hydro-generating facilities on the basis of the regulated stream flow, regardless of whether such output can be fully utilized in serving system load or by transfer to other systems. The monthly distribution of storage energy should be such as to permit the serving of the maximum annual peak load under the conditions outlined in instruction 1. However, where required releases for irrigation, navigation, flood control, and other water-use are controlling, the monthly distribution of available energy should reflect the effect of such requirements and full explanation should be given in footnotes.

"Capability" in any month is the machine capability under the most adverse conditions to be expected in that month under the assumed flow conditions without respect to the energy available or the characteristics of the load to be served other than the power factor conditions normally to be expected.

"Dependable capacity" in any month is that capacity that can be relied upon for serving system load and firm power commitments on the basis of the energy available in that month and its use as limited by the characteristics of the load to be served.

5. Dependable hydroelectric capacity as used in this power system statement is intended to be the capacity value of the system hydroelectric plants in serving, together with the other available system capacity, the maximum annual system peak load under the conditions given in instruction 1. For any specified period it represents, on the basis of complete utilization of available storage energy over the critical flow periods, the difference between the peak load for that period and the maximum other capacity required. Where a portion of storage energy is scheduled to be held as a reserve for emergency use only, the dependable capacity should also include the reserve capacity value of such energy reserve. The dependable hydroelectric capacity shown in column 9 under adverse flow conditions for the month of annual peak demand may not necessarily be the same as the annual dependable hydroelectric capacity to be reported in schedule 16, as the annual peak demand may not occur in the month requiring the maximum capacity from other than system hydroelectric plants. This is illustrated by the following graph:

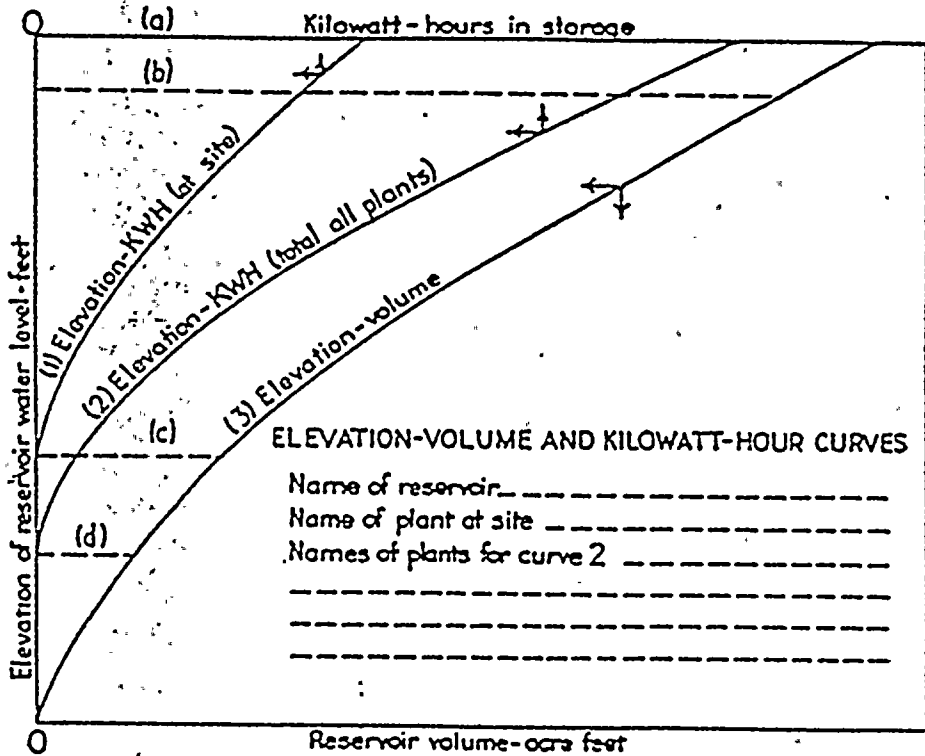


SYSTEM HYDROELECTRIC DATA—Continued
INSTRUCTIONS FOR PARTS B AND C

1. All the data requested on this page should be furnished for reservoirs and plants which were:
 - (a) Constructed, purchased, or leased, and placed in operation by the respondent during the year, or,
 - (b) Operated by the respondent prior to the year covered by this statement but not reported to this Department in the form prescribed below.
2. Revised data for the appropriate items should be furnished if changes have been made in the installed capacity or design of hydro plants, in available storage, or in "operating rule curves" during the year or the data have not been reported in the prescribed form.
3. For those reservoirs and plants in which no physical change or revision in operating practice has occurred affecting the data previously reported, list on an addenda sheet each reservoir and plant name and the year in which the information was furnished together with the notation "correct as of December 31 of the year herein reported."

B. Storage Reservoirs.

1. Furnish "Elevation—Volume" and "Elevation-Kilowatt-hour" curves for each storage reservoir on the system that can provide monthly or seasonal storage. A form for showing these data is illustrated in the accompanying sketch.
2. In addition to the foregoing curves, show (a) the maximum water level without spill (to be furnished for operation without and with flash boards if used), and (b) the maximum water level at which the reservoir is normally carried; (c) the minimum water level of the reservoir for plant operation at the site, and, (d) the minimum water level to which water can be drawn for use at other plants; and (e) capacity-head curves for plants having large variations in head. Elevations should be referred to U. S. G. S. datum (or to the same datum as used in plant layout sketches—see item C (1) below).
3. Furnish "Operating Rule Curves" for each of the foregoing reservoirs, in the form in which they are available, and state period for which curves are applicable.



C. Hydroelectric Power Plants, including Pumped Storage.

1. For each hydroelectric plant of 10 megawatt installed capacity or greater furnish:
 - (a) A panoramic sketch of the project, and a profile sketch of the plant layout showing elevations referred to U. S. G. S. datum, if such datum is available. Show for the dam its material and type, maximum height, total length, thickness at base, and length of spillway section. Furnish curves showing headwater and tailwater elevations, in feet, plotted against total discharge, including plant use, in cubic feet per second.
 - (b) A photograph of the plant if available.
2. If available, furnish for all hydroelectric plants of 10 megawatt installed capacity or greater, curves showing the relation between over-all water use in cubic feet per second and gross plant load in kilowatts, from minimum to full load at a constant gross head which approximates the average head. The gross head should be stated.

Schedule 3

PLANT DATA—SMALL PLANTS

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this schedule should be completed for each conventional hydroelectric or pumped storage plant under 10 megawatts, each steam-electric plant under 25 megawatts, and each internal-combustion engine and gas turbine plant under 5 megawatts, installed capacity. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be completed for each such plant as referred to in the preceding paragraph which was

- (a) Constructed, purchased, or leased and placed in operation by the respondent during the year; or
- (b) Altered during the year—i.e., generators or other equipment installed, remodeled, removed from service or otherwise changed; or
- (c) Not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form 12, 19. . . , is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

Plant name _____ Type ¹ _____ State _____ County _____ Post office _____						1
For each unit or group of identical units show the following:	Total	Unit				
		Nos.	Nos.	Nos.	Nos.	
Maximum name-plate rating in megavolt-amperes						2
Maximum name-plate rating of generator in megawatts						3
Name-plate rating—power factor	x x x x					4
Operating speed—revolutions per minute	x x x x					5
Generator voltage - kilovolts	x x x x					6
Generator phase and frequency or d.c.	x x x x					7
Year installed ²	x x x x					8
Planned ultimate generating capacity-megawatts		x x x x	x x x x	x x x x	x x x x	9
If a fuel-burning plant show: Kind of fuel	x x x x					10
Full load fuel consumption in Btu per Kilowatt-hour						11
If a hydroelectric plant show: River on which located		x x x x	x x x x	x x x x	x x x x	12
Drainage area—square miles		x x x x	x x x x	x x x x	x x x x	13
Usable pondage or storage at site—acre-feet		x x x x	x x x x	x x x x	x x x x	14
Design head of waterwheels—feet	x x x x					15

Plant name _____ Type ¹ _____ State _____ County _____ Post office _____						16
For each unit or group of identical units show the following:	Total	Unit				
		Nos.	Nos.	Nos.	Nos.	
Maximum name-plate rating in megavolt-amperes						17
Maximum name-plate rating of generator in megawatts						18
Name-plate rating—power factor	x x x x					19
Operating speed—revolutions per minute	x x x x					20
Generator voltage - kilovolts	x x x x					21
Generator phase and frequency or d.c.	x x x x					22
Year installed ²	x x x x					23
Planned ultimate generating capacity-megawatts		x x x x	x x x x	x x x x	x x x x	24
If a fuel-burning plant show: Kind of fuel	x x x x					25
Full load fuel consumption in Btu per Kilowatt-hour						26
If a hydroelectric plant show: River on which located		x x x x	x x x x	x x x x	x x x x	27
Drainage area—square miles		x x x x	x x x x	x x x x	x x x x	28
Usable pondage or storage at site—acre-feet		x x x x	x x x x	x x x x	x x x x	29
Design head of waterwheels—feet	x x x x					30

¹ Hydro, pumped storage, steam, internal steam, internal combustion engine, gas turbine, or nuclear.

² If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 3
PLANT DATA—SMALL PLANTS—Continued

Plant name _____ Type ¹ _____ State _____ County _____ Post office _____						1
For each unit or group of identical units show the following:	Total	Unit	Unit	Unit	Unit	
		Nos. _____	Nos. _____	Nos. _____	Nos. _____	
Maximum name-plate rating in megavolt-amperes.....						2
Maximum name-plate rating of generator in megawatts.....						3
Name-plate rating—power factor.....	x x x x					4
Operating speed—revolutions per minute.....	x x x x					5
Generator voltage - kilovolts.....	x x x x					6
Generator phase and frequency or d.c.....	x x x x					7
Year installed ²	x x x x					8
Planned ultimate generating capacity-megawatts.....		x x x x	x x x x	x x x x	x x x x	9
If a fuel-burning plant show: Kind of fuel.....	x x x x					10
Full load fuel consumption in Btu per Kilowatt-hour.....						11
If a hydroelectric plant show: River on which located.....		x x x x	x x x x	x x x x	x x x x	12
Drainage area—square miles.....		x x x x	x x x x	x x x x	x x x x	13
Usable pondage or storage at site—acre-feet.....		x x x x	x x x x	x x x x	x x x x	14
Design head of waterwheels—feet.....	x x x x					15
Plant name _____ Type ¹ _____ State _____ County _____ Post office _____						16
For each unit or group of identical units show the following:	Total	Unit	Unit	Unit	Unit	
		Nos. _____	Nos. _____	Nos. _____	Nos. _____	
Maximum name-plate rating in megavolt-amperes.....						17
Maximum name-plate rating of generator in megawatts.....						18
Name-plate rating—power factor.....	x x x x					19
Operating speed—revolutions per minute.....	x x x x					20
Generator voltage - kilovolts.....	x x x x					21
Generator phase and frequency or d.c.....	x x x x					22
Year installed ²	x x x x					23
Planned ultimate generating capacity-megawatts.....		x x x x	x x x x	x x x x	x x x x	24
If a fuel-burning plant show: Kind of fuel.....	x x x x					25
Full load fuel consumption in Btu per Kilowatt-hour.....						26
If a hydroelectric plant show: River on which located.....		x x x x	x x x x	x x x x	x x x x	27
Drainage area—square miles.....		x x x x	x x x x	x x x x	x x x x	28
Usable pondage or storage at site—acre-feet.....		x x x x	x x x x	x x x x	x x x x	29
Design head of waterwheels—feet.....	x x x x					30
Plant name _____ Type ¹ _____ State _____ County _____ Post office _____						31
For each unit or group of identical units show the following:	Total	Unit	Unit	Unit	Unit	
		Nos. _____	Nos. _____	Nos. _____	Nos. _____	
Maximum name-plate rating in megavolt-amperes.....						32
Maximum name-plate rating of generator in megawatts.....						33
Name-plate rating—power factor.....	x x x x					34
Operating speed—revolutions per minute.....	x x x x					35
Generator voltage - kilovolts.....	x x x x					36
Generator phase and frequency or d.c.....	x x x x					37
Year installed ²	x x x x					38
Planned ultimate generating capacity-megawatts.....		x x x x	x x x x	x x x x	x x x x	39
If a fuel-burning plant show: Kind of fuel.....	x x x x					40
Full load fuel consumption in Btu per Kilowatt-hour.....						41
If a hydroelectric plant show: River on which located.....		x x x x	x x x x	x x x x	x x x x	42
Drainage area—square miles.....		x x x x	x x x x	x x x x	x x x x	43
Usable pondage or storage at site—acre-feet.....		x x x x	x x x x	x x x x	x x x x	44
Design head of waterwheels—feet.....	x x x x					45

¹ Hydro, pumped storage, steam, internal steam, internal combustion engine, gas turbine, or nuclear.
² If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 4
HYDROELECTRIC PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in completely for each conventional hydroelectric plant of 10 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

- (a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
- (b) Which was altered during the year—i.e., water wheels, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
- (c) Whose capability was modified as a result of changes during the year in dams, spillways, or other structures of the project, or in available storage at or above the site; or
- (d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . . , is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name _____	1	
A. PLANT LOCATION	(2)	1	
River on which located _____		2	
State _____		3	
County _____		4	
Post office _____		5	
B. STATION DATA			
Total installed generator capacity—name-plate ratings (including auxiliary units)—mw ¹ _____		6	
Net plant capability under the most favorable operating conditions—mw _____		7	
Net plant capability under the most adverse operating conditions ³ —mw _____		8	
Estimated average annual potential output on basis of present installed capacity—mwh _____	Power Factor _____ Percent ²	9	
If adequate records are available, specify which year of stream flow may be used to determine both the magnitude and distribution of the average annual potential output _____		10	
Estimated over-all water use in c. f. s. per kilowatt and corresponding head for the following loads under headwater conditions which approximate average conditions. Give the megawatt output for each load:			
One-half station load (megawatts) _____	C.f.s. Per Kw	Corresponding Head —Feet	
Three-fourths station load (megawatts) _____			11
Full station load (megawatts) _____			12
Method of operation—automatic or remote control (A), semiautomatic (SA), manual (M) _____		13	
Number of future units provided for in present plant _____		14	
Planned ultimate generating capacity—mw _____		15	
		16	
C. HYDRAULIC DATA			
Drainage area—square miles _____		17	
Pondage or storage available at site:			
1. Area of pond at normal full pond level—acres _____		18	
2. Maximum draw-down from normal full pond level—feet _____		19	
3. Storage or pondage from maximum draw-down—acre-feet _____		20	
Head—in feet, with full pond and full station load:			
1. Gross head (Pond elevation minus tailwater elevation) _____ feet _____		21	
2. Effective net head (Gross head minus intake and conduit losses) _____ feet _____		22	
Elevation:			
1. Normal full pond elevation—designate datum _____		23	
2. Pond elevation used in estimating water use in lines 11, 12, and 13 _____		24	
Developed storage above site (list):			
1. Location and drainage area _____		25	
(a) Usable volume—acre-feet _____		26	
2. Location and drainage area _____		27	
(b) Usable volume—acre-feet _____		28	
3. Location and drainage area _____		29	
(c) Usable volume—acre-feet _____		30	

¹ Should agree with sum of columns 4 and 5, Schedule 1.
² Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
³ Give cause of limitation and time of year.
⁴ Pond elevation minus tailwater elevation with pond at normal or average elevation.
⁵ Gross head minus intake and conduit losses.

HYDROELECTRIC PLANT DATA—Continued
D. INSTALLATION DATA

Name of Plant _____ Name of System _____

Number of main generating units Number of auxiliary generating units (Indicate below which are auxiliary units)

	Nos. _____	Nos. _____	Nos. _____	Nos. _____	Nos. _____
For each unit or group of identical units show the following (if necessary attach additional sheets):					
1. Waterwheels:					
(a) Design head—feet _____					31
(b) Operating speed—revolutions per minute _____					32
(c) Maximum horsepower capacity at design head _____					33
(d) Type of runner—Francis (F), fixed propeller (F. P.), automatically adjustable propeller (A. P.), impulse ¹ _____					34
(e) Type—horizontal, vertical, or inclined _____					35
(f) Year installed ² _____					36
(g) Manufacturer _____					37
2. Generators:					
(a) Name-plate rating in megavolt-amperes _____					38
Name-plate rating in megawatts _____					39
Name-plate rating—power factor _____					40
(b) Continuous overload capacity in percent _____					41
(c) Voltage—in kilovolt _____					42
(d) Phase and frequency or d. c. _____					43
(e) Year installed ² _____					44
(f) Manufacturer _____					45

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5
Number of identical transformers: (a) In service _____					46
(b) Spare _____					47
Type: If auto, specify _____					48
Phase and frequency _____					49
Capacity of each transformer in mva:					
(a) Normal rating _____					50
(b) Maximum continuous rating with forced cooling (if installed) _____					51
Voltage, in kv.: Primary _____					
Secondary _____					52
Tertiary _____					53
Bank connection (Δ, V, Y, grounded Y, or other):					
Primary _____					54
Secondary _____					55
Tertiary _____					56
Bank capacity, in mva.: Primary _____					
Secondary _____					57
Tertiary _____					58
					59
					60

¹ Report reversible units on schedule 4-A.

² If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 4-A

PUMPED STORAGE PLANT DATA¹

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in completely for each pumped storage plant of 10 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

- (a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
- (b) Which was altered during the year—i.e., water wheels, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
- (c) Whose capability was modified as a result of changes during the year in dams, spillways, or other structures of the project, or in available storage at or above the site; or
- (d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19 . . . , is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name _____ (2)	
A. PLANT LOCATION		
River on which located _____		1
State _____		2
County _____		3
Post office _____		4
B. STATION DATA		
Total installed generator capacity—name-plate ratings (including auxiliary units)—mw ² _____		5
Net plant capability at maximum head—mw _____		6
Net plant capability at minimum head—mw _____		7
Estimated average annual generation—mwh _____	Power Factor _____ Percent ¹	8
Estimated average annual pumping energy—mwh _____		9
Method of operation—automatic or remote control (A), semiautomatic (SA), manual (M) _____		10
Number of future units provided for in present plant _____		11
Planned ultimate generating capacity—mw _____		12
Estimated over-all water use in c.f.s. per kilowatt and corresponding head for the following loads under headwater conditions which approximate average conditions.	Maximum Head	Minimum Head
Give the kilowatt output for each load:		
One-half station load (megawatts) _____ c.f.s. Per kw		13
Three-fourths station load (megawatts) _____ c.f.s. Per kw		14
Full Station load (megawatts) _____ c.f.s. Per kw		15
Overall conversion efficiency—mwh output ÷ mwh input _____		16
Full station load pumping—megawatts _____		17
C. HYDRAULIC DATA		
Pondage or storage available at site:	Upper Pond	Lower Pond
1. Area of pond at normal full pond level—acres _____		
2. Maximum draw-down from normal full pond level—feet _____		
3. Storage or pondage from maximum draw-down—acre-feet _____		
Elevation:		
1. Normal full pond elevation—designate datum _____		
Head—in feet, with full station load:	Maximum Head	Minimum Head
1. Gross head (Upper pond elevation minus lower pond elevation) _____ feet		
2. Effective net head (Gross head minus intake and conduit losses) _____ feet		
Storage in upper pool:		
1. Megawatt hours _____		
2. Hour use of net plant capability _____		
Pump starting method _____		27

¹ Complete this schedule for pure pumped storage plants. For plants with both conventional and pumped storage facilities report only the pumping cycle data that are not reported on schedule 4.

² Should agree with sum of columns 4 and 5, Schedule 1.

³ Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

PUMPED STORAGE PLANT DATA—Continued
D. INSTALLATION DATA

HAWAIIAN UTILITIES COMPANY

Name Name of System

Number of main generating units Number of auxiliary generating units (Indicate below which are auxiliary units)

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.
For each unit or group of identical units show the following (if necessary attach additional sheets):					
1. Waterwheels of Hydraulic Turbine/Pumps					
(a) Design head—feet					28
(b) Operating need—as turbine—rpm					29
(c) Operating need—as pump—rpm					30
(d) Maximum horsepower capacity at design head					31
(e) Type of runner—Francis (F), fixed propeller (F.P.), automatically adjustable propeller (A.P.), impulse (I), tubular (T)					32
(f) Type—horizontal or vertical or inclined					33
(g) Year installed ¹					34
(h) Manufacturer					35
2. Generators or Generator/Motors					
(a) Name-plate rating in megavolt-amperes—Generator					36
(b) Name-plate rating in megavolt-amperes—Motor					37
(c) Name-plate rating in megawatts—Generator					38
(d) Name-plate rating—power factor—Generator					39
(e) Name-plate rating in horsepower—Motor					40
(f) Voltage in kilovolts					41
(g) Phase and frequency or d.c.					42
(h) Year installed ¹					43
(i) Manufacturer					44
3. Separate motor-driven pumps					
(a) Name-plate rating in horsepower					45
(b) Name-plate rating in megavolt-amperes					46
(c) Phase and frequency or d.c.					47
(d) Operating speed—rpm					48
(e) Type of pump					49
(f) Year installed ¹					50
(g) Manufacturer					51

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5
Number of identical transformers: (a) In service					
(b) Spare					
Type: If auto, specify					
Phase and frequency					
Continuous capacity of each bank (with forced cooling if installed)					
Bank capacity, in mva.: Primary					
Secondary					
Tertiary					
Voltage, in k.v.: Primary					
Secondary					
Tertiary					

¹ If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR; PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in completely for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

- (a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
- (b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
- (c) Whose capability was modified as a result of plant changes during the year; or
- (d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19____, is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

	Plant Name _____ (2)	1
(1) A. PLANT LOCATION		
State		2
County		3
Post Office		4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary Units)—mw ¹		5
Number and capacity of future units provided for in present plant		6
Planned ultimate generating capacity—megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for 1/2 and 3/4 load) and give the megawatt output for each load:		
(c) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies:		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)		16
Oil (Btu per gallon)		17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts)	With Largest Generating Unit Out of Service (Megawatts)	With Largest Boiler Unit Out of Service (Megawatts)	
	Power Factor ² _____ Percent	Power Factor ² _____ Percent	Power Factor ² _____ Percent	
Net plant capability (excluding plant use):				
1. When NOT limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

¹ Should agree with sum of columns 4 and 5, Schedule 1.

² Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA—Continued
D. INSTALLATION DATA

Name of plant _____ Name of System _____

Number of main generating units _____ Number of auxiliary generating units _____ (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (If necessary attach additional sheets):	Unit		Unit		Unit		
	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	
Generator Data:							
Manufacturers maximum nameplate rating in megawatts.							25
Hydrogen pressure—psi gage.....							26
Manufacturers minimum nameplate rating in megawatts.							27
Hydrogen pressure—psi gage.....							28
Manufacturers nameplate—power factor							29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)...							30
Generator voltage in kilovolts							31
Generator phase and frequency							32
Manufacturer							33
Turbine Data:							
Turbine nameplate rating—mw							34
Single casing, tandem compound, cross compound, etc ..							35
Operating speed—revolutions per minute							36
Throttle pressure—psi gage							37
Throttle temperature—degrees F							38
Reheat temperature, if applicable—degrees F							39
Exhaust pressure—psi gage or inches of mercury							40
Full load steam rate in pounds per kilowatt-hour							41
Full load heat rate in Btu per kilowatt-hour							42
Manufacturer							43
Year installed ¹							44
Turbine-Generator Data:							
Maximum gross capability in megawatts							45
Hydrogen pressure—psi gage							46
Give for each boiler or group of identical boilers the following:							
	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.		
Steam pressure—psi gage							47
Maximum continuous steaming capacity-1000 lbs. per hr.							48
Kind of fuel (coal, gas, oil, etc.)							49
Method of firing							50
Year installed							51
Manufacturer							52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

¹ If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 7
INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in completely for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

- (a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
- (b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
- (c) Whose capability was modified as a result of plant changes made during the year; or
- (d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . ., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name _____	1
(2)		
A. PLANT LOCATION		
State		2
County		3
Post office		4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine ¹		5
Total installed generator capacity—Maximum name-plate ratings—mw ²		6
Net plant capability for loads of—	Power Factor _____ Percent ¹	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure)		12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS						
Number of units						

	Unit Nos. _____	Unit Nos. _____	Unit Nos. _____	Unit Nos. _____	Unit Nos. _____	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed ⁴						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

¹ If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
² Should agree with sum of columns 4 and 5, Schedule 1.
³ Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
⁴ If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued
D. STATION STEP-UP TRANSFORMERS

Name of Plant..... Name of System.....

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service.....						29
(b) Spare.....						30
Type: If auto, specify.....						31
Phase and frequency.....						32
Capacity of each transformer in mva:						
(a) Normal rating.....						33
(b) Maximum continuous rating with forced cooling (if installed).....						34
Voltage, in kv.: Primary.....						35
Secondary.....						36
Tertiary.....						37
Bank connection (Δ , V, Y, grounded Y, or other):						
Primary.....						38
Secondary.....						39
Tertiary.....						40
Bank capacity, in mva.: Primary.....						41
Secondary.....						42
Tertiary.....						43

Schedule 8

ITEMIZED ACCOUNTING OF ENERGY TRANSFERS WITH OTHER ELECTRIC UTILITY SYSTEMS AND INDUSTRIAL COMPANIES DURING THE YEAR

GENERAL INSTRUCTIONS

1. In this schedule, give an itemized accounting of all energy transfers to and from the facilities of other systems during the year, including gross sales, purchases, interchanges and transfers for resale, whether on a firm, interchange, or any other basis, and all energy received from industrial companies. Group the entries and show subtotals of energy transfers with (a) private systems; (b) municipal and other publicly owned systems; (c) rural cooperatives; and (d) industrial companies (energy received only). Part A is for recording of "In-Load" and borderline energy transfers as found described in the instructions for Part A on Page 20, and Part B on Page 21 is for the recording of all other energy transfers.
2. In column 1, give the name of the system to which the respondent's system is connected at the transfer point. Where the connecting system merely acts as a carrier for energy intended for other systems, state in footnote the names of the other systems involved.
3. In columns 2 and 3, give the location of transfer points in such a manner that they can be identified on the system maps furnished according to schedule 18. By "transfer point" is meant the point at which the reported amounts of energy were transferred to and from the respondent's system.
4. Energy delivered by respondent's system to customers of another system (sometimes known as "border-line customers"), or vice versa (energy delivered to respondent's customers by another system), should be reported in Part "A" and identified by inserting "border-line" in column 2. Border-line deliveries or receipts, except at individual points where the transfer exceeds 5,000 megawatt-hours, may be shown as a total for each other system instead of by each individual delivery point.
5. In column 4, show the symbol "F" for firm power transfers and the symbol "NF" for transfers other than firm.
6. In columns 5 and 6, report total amounts of energy flow in each direction at each transfer point, i.e., the total amounts "delivered" and the total amounts "received" at each transfer point including energy transferred or displaced through the respondent's facilities for delivery to other systems. Do not report the amounts of energy billed, or net transfers, if they differ from total transfers.
7. Firm power for purposes of this schedule is power which is intended to be continuously available for delivery to the purchaser. Other than firm power is power delivered or received on a "when, as, and if, available" basis.
8. Where there are several points of interconnection with another system, and there is no distinction between firm and other than firm energy at individual transfer points, show the total energy received and delivered at each transfer point in columns 5 and 6, and also show a subtotal of the firm transfers and the other than firm transfers with the other system involved.
9. Subtotals and totals of the combined parts A and B should be carried over to section B of schedule 9.

Schedule 8—Continued

PART A.—ENERGY DELIVERIES TO SPECIFIED SYSTEMS AND ENERGY TRANSACTIONS WITH BORDER-LINE CUSTOMERS:

(See Page 19 for General Instructions)

1. Show in column 6 the amounts of energy delivered for resale to each class III and class V system.
2. If the respondent's system delivered energy to customers of another system (sometimes known as "border-line customers") such deliveries also should be included in column 6.
3. If customers of respondent received energy directly from another system for the account of the respondent (border-line receipts), such transfers shall be entered in column 5. If part of the energy deliveries to systems specified in instruction 1 and reported in column 6 are received back into the reporting system through another interconnection, such receipts also should be entered in column 5. All other receipts should be entered in column 5, part B, of schedule 8.
4. Energy delivered by respondent's system to "border-line customers," or vice versa (energy delivered to respondent's customers by another system), should be identified by inserting "border-line" in column 2.
5. Indicate by appropriate notes those systems whose full requirements were supplied by respondent.
6. The totals shown on line 40, column 5 and 6, should be carried over to line 13, columns 5 and 6, respectively, of schedule 14.

Name of Other Company or System (1)	Transfer Point (2)	Coordinate, Location or Symbol on Map (3)	Firm (F) or Nonfirm (NF) Transfer (4)	Energy Received (Instruction 3) (Megawatt-hours) (5)	Energy Delivered (Instructions 1 and 2) (Megawatt-hours) (6)
Florida Power Corp.	Borderline-Turkey Lake			158	
Florida Power Corp.	Borderline-Rocket City			1506	
Total.....				1664	

Schedule 8—Continued

PART B.—OTHER ENERGY TRANSFERS WITH ELECTRIC UTILITY SYSTEMS AND RECEIPTS FROM INDUSTRIAL COMPANIES:

(See Page 19 for General Instructions)

1. Report in column 5 all energy (except that reported in Schedule 8, Part A, column 5) received from other electric utility systems and industrial companies.
2. Report in column 6 the amounts of energy delivered for resale to class I and class II systems which obtained a part of their power supply during the year from their own generating plants. Energy delivered to industrial establishments would be reported in Schedule 10 and not in this schedule.
3. Show all points of interconnection through which energy transfers (which would properly be included in Part B) could have been made, whether there were any transfers during the year or not. Where no transfers were made the entries in columns 5 and 6 should be zero.
4. The totals shown on line 40, columns 5 and 6, should be carried over to line 13, columns 3 and 4, respectively, of schedule 14.

Name of Other Company or System (1)	Transfer Point (2)	Coordinate, Location or Symbol on Map (3)	Firm (F) or Non-Firm (NF) Transfer (4)	Energy Received (Instruction 1) (Megawatt-hours) (5)	Energy Delivered (Instruction 2) (Megawatt-hours) (6)	
Florida Power Corp.	Pine Hills Substation	N28° 33' 28" W80° 22' 35"	NF	506	26,035	1 2 3 4 5
Florida Power Corp.	Pershing Substation	N28° 30' 04" W81° 18' 09"	NF F2 F3 F4	64,595	256,478 274,369 3,982 1,677 6,174	6 7 8 9 10 11 12
Florida Power Corp.	Southwood Substation	N28° 28' 16" W81° 26' 26"	NF F1 F5	543,047 40,414 157	68,917	13 14 15 16 17 18 19 20
Florida Power & Light Company	Indian River Substation	N28° 29' 34" W80° 46' 47"	NF F	72,320 1,334	773,463	21 22 23 24 25 26 27
				722,373		28
OUC net entitlement to Crystal River Unit 3 energy				(40,015)		29
1 Energy received from Crystal River Unit 3, delivered by Florida Power Corp.						30
2 Firm power to City of Gainesville, delivered by Florida Power Corp.						31
Total.....				682,358	1,411,095	32 33 34 35 36 37 38 39 40

Schedule 8-Continued
Footnotes

-21-

³ Firm power to City of Kissimmee, delivered by Florida Power Corp.

⁴ Firm power to Sebring Utilities Commission, delivered by Florida Power Corp.

⁵ Firm power purchased from the City of Tallahassee, delivered by Florida Power Corp.

ORLANDO UTILITIES COMMISSION

*OUC has one class; general services, which includes both commercial and industrial customers.

Schedule 9
SYSTEM ENERGY ACCOUNTING FOR THE YEAR

(1)	Megawatt-hours		
	Generated and Received (2)	Delivered (3)	
A. Net Generation of System Plants (from column 8, line 36, schedule 1)	2,876,563	xxxxxx	1
B. Summary of Energy Transfers With Other Systems: (from schedule 8, part A plus part B):			
(1) Private Systems	683,865	1,399,262	2
(2) Municipal and other publicly owned systems	157	11,833	3
(3) Rural cooperatives		xxxxxx	4
(4) Industrial companies			5
Total (lines 2 to 5, inclusive)	684,022		6
		1,411,095	
C. Net Energy for System (generation, plus energy received, less energy delivered)	2,149,490	xxxxxx	7
D. Total Energy Delivered to Ultimate Consumers ¹	2,061,724	xxxxxx	8
E. Transmission and Distribution Losses and Energy Unaccounted for (line 7 minus line 8) ²	87,766	xxxxxx	9

¹ Exclusive of "border line" deliveries to customers of other utilities and inclusive of "border line" receipts from other utilities.
² Exclude company and interdepartmental deliveries; such deliveries should be included in Schedule 10.

Schedule 10
ENERGY DELIVERED TO ULTIMATE CONSUMERS

(Exclusive of "border line" deliveries to customers of other utilities)

INSTRUCTIONS

The energy use classifications employed in this schedule are defined or clarified below for those classifications which may not be self-explanatory.

FARM, EXCLUDING IRRIGATION AND DRAINAGE PUMPING.—In order to facilitate reporting this classification of energy, farm may be defined in accordance with respondent's own interpretation. For guidance, the Bureau of the Census' definition of a farm may for the purposes herein be redefined briefly as a tract of land which produces or has the potential for the production of agricultural goods totaling \$1,000 or more, annually; the land operated by each tenant, renter, cropper, or manager is considered a separate farm. Respondent should report farms served rather than farm dwellings served in the column for number of customers. Estimates should be furnished for this classification if exact information is not available.

IRRIGATION AND DRAINAGE PUMPING.—Estimates should be furnished for this classification if exact information is not available.

NONFARM-RESIDENTIAL.—Energy supplied for nonfarm-residential and domestic purposes, including cooking and water heating. Where electric energy was supplied through a single meter for both residential and commercial purposes include it in the one or the other, according to its principal use. Exclude energy supplied to farm customers.

ELECTRIFIED TRANSPORTATION.—Energy supplied for the propulsion of cars, locomotives, or coaches. Energy for office buildings, depots, shops, signal lights, etc., should be reported under "Commercial" or "Industrial," as appropriate.

ALL OTHER.—Energy delivered for ultimate consumption that does not fall within any of the specific classifications listed in this schedule. Included in this group should be deliveries for municipal water pumping; oil and gas pipe line pumping; military camps and bases; and public buildings such as schools, police stations, and post offices.

Classification of Energy Delivered to Ultimate Consumers ¹ (1)	Number of Customers at End of Year ² (2)	Megawatt-hours (3)	
Farm, excluding irrigation and drainage pumping			1
Irrigation and drainage pumping			2
Nonfarm-residential	72,473	884,013	3
Commercial			4
Industrial	9,785*	1,150,129*	5
Street and highway lighting	3,684	22,826	6
Electrified transportation	0	0	7
All Other (give details, if relatively large)	1	4,756	8
Total Energy Delivered to Ultimate Consumers (should agree with line 8, schedule 9)	85,943	2,061,724	9

¹ Include company and interdepartmental deliveries in proper use classification.
² Report number of farms, residences commercial establishments, etc., and not the number of meters where different.



Schedule 11

ENERGY TRANSFERRED TO OR ACROSS A STATE LINE OR INTERNATIONAL BOUNDARY DURING THE YEAR

1. In this schedule show the amounts of energy flow to or across a State line or international boundary during the year, including energy to and from the respondent's facilities.

2. Report Total amounts of energy so transferred in each direction over each line used. Do not report Net transfers. Where transfers were made over a number of

circuits, estimates (noted "Est."), of the amounts transferred may be furnished, if measured quantities are not available.

3. Where the transfers reported were from one System Company to another System Company operating in an adjoining State; these company names should also be given in columns 1 and 3. "System" companies are those listed under item 6-C, page 3.

Transferred From--		Transferred to--		Line Designation		Amount Transferred (Megawatt-hours) (7)	
Company (1)	State (2)	Company (3)	State (4)	From-- (5)	To-- (6)		
							1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
							15
							16
							17
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							19
							20
							21
							22
							23
							24
							25
							26
							27
							28
							29
							30

Power System Statement of ... for the Year Ended December 31, 1978

(23)

Row 1978

Schedule 13

DEMAND ON GENERATING PLANTS, POWER RECEIVED, AND POWER DELIVERED, FOR RESALE, AT THE TIME OF SYSTEM PEAK LOAD OF THE YEAR

1. This schedule and schedules 14 and 15 are intended to show the load characteristics of the respondent's system in a form that avoids duplication with similar data for other systems. For this purpose the respondent's "system load" for any 60-minute clock-hour interval is defined as being equal to the aggregate of the energy supplied during that interval:

- (a) To ultimate consumers of the respondent;
- (b) To the systems listed in schedule 8 Part I i.e., to class III and class V systems;
- (c) To other departments of the respondent; and, for transmission and distribution losses and energy unaccounted for on the respondent's system; and, for the respondent's electric utility operations (exclusive of plant use).

Note that the system load as here defined does not include the demands of other class I and class II systems whose power requirements during the year were not wholly supplied by the respondent's system, i.e., which obtained a part of their requirements from their own generating facilities or from sources other than the respondent's system. Deliveries to such systems, listed in "D" below, must be excluded in order to avoid duplication.

2. Class I and class II systems should furnish the information requested below for the 60-minute clock-hour interval during which the system peak load of the year occurred.

3. All of the demand data called for in this schedule should show integrated megawatt demands for the 60-minute clock-hour interval during which the system peak load of the year occurred. Where integrated demands for 60-minute clock-hour interval are not available, it is desired that available data be adjusted to approximate the integrated demand for 60-minute clock-hour intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, demand data should be furnished in the form available.

4. Estimated quantities (noted "Est.") should be furnished where measured data are not available.

Date and hour of system peak load of year <u>Aug. 29, 1978 1700-1800</u>	Integrated Demand— megawatts (at time of system peak) Demand Interval <u>60</u> Min.	
A. Combined net demand on system generating plants (from col. 11, line 36, schedule 1)	597	1
B. Itemized accounting of power received from other systems and industrial companies, except "border-line" receipts entered on line 40, schedule 8 part A. Name of other system		2 3 4 5 6 7 8 9 10
Total of lines 2 to 10, inclusive	0	11
C. Demand on generating plants plus power received (line 1 plus line 11)	597	12
D. Itemized accounting of power delivered to other systems for resale, except to those listed in schedule 8 part A Name of other system		13 14 15 16 17 18 19 20 21
Florida Power Corporation	160	
Sebring Utilities Commission	4	
Total of lines 13 to 21, inclusive	164	22
E. System peak load of the year (C minus D). This entry should agree with the peak load of the year as shown in schedule 14, using the same demand interval	433	23

Schedule 14

NET GENERATION, ENERGY RECEIVED AND DELIVERED, AND SYSTEM PEAKS
BY MONTHS FOR THE YEAR

1. In column 2, show the total net generation of system plants by months for the year. The entry on line 13 of this column should agree with the entry on line 36, column 8, of schedule 1.

2. In columns 3, 4, 5 and 6, show the monthly distribution of the energy transfers reported in schedule 8, parts A and B. The totals shown on line 13 should agree with the totals reported in schedule 8.

3. In column 8 the entry on line 26 should agree with the entry on line 7 of schedule 9.

4. In column 10, show the maximum megawatt load on the system for each month of the year. Load data in this column should be the maximum integrated demand of the energy tabulated in column 9 for 60-minute clock-hour intervals. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate such intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, load data should be furnished in the form available. The entry on line 26 of column 10 should agree with the entry on line 23 of schedule 13.

Month (1)	System Net Generation (Megawatt-hours) (2)	ENERGY TRANSFERS FROM SCHEDULE 8				
		Part B (Page 21)		Part A (Page 20)		
		Received (Col. 5) (Megawatt-hours) (3)	Delivered (Col. 6) (Megawatt-hours) (4)	Received (Col. 5) (Megawatt-hours) (5)	Delivered (Col. 6) (Megawatt-hours) (6)	
Jan.	196,743	104,157	112,724	137		1
Feb.	196,906	76,717	98,884	165		2
Mar.	203,978	37,748	86,340	129		3
Apr.	240,907	32,313	123,584	124		4
May	274,566	55,013	145,132	118		5
June	259,443	61,850	122,670	146		6
July	267,524	49,381	112,210	162		7
Aug.	288,887	45,236	114,841	170		8
Sept.	297,575	31,423	125,691	138		9
Oct.	191,540	64,097	91,672	111		10
Nov.	203,411	62,263	117,686	110		11
Dec.	255,083	62,160	159,661	154		12
Total	2,876,563	682,358	1,411,095	1,664		13

Month (7)	Net Energy for System (Col. 2 plus col. 3 minus col. 4 plus col. 5 minus col. 6) (Megawatt-hours) (8)	Net Energy for Load (Col. 2 plus col. 3 minus col. 4) (Megawatt-hours) (9)	LOAD DATA			Load Factor (From cols. 9 and 10) (Percent) (13)	
			Demand interval <u>60 min.</u> <u>Est. Net</u>		Clock-hour ending (12)		
			(Megawatts) (10)	(Date) (11)			
Jan.	188,313	188,176	430	16	0800	58.8	14
Feb.	174,904	174,739	427	23	0800	60.9	15
Mar.	155,515	155,386	340	6	0800	61.4	16
Apr.	149,760	149,636	325	13	1500	63.9	17
May	184,565	184,447	389	25	1700	63.7	18
June	198,769	198,623	431	29	1800	64.0	19
July	204,857	204,695	411	10	1700	66.9	20
Aug.	219,452	219,282	433	29	1800	68.1	21
Sept.	203,445	203,307	413	1	1700	68.4	22
Oct.	164,076	163,965	361	6	1700	61.0	23
Nov.	148,098	147,988	311	29	1900	66.1	24
Dec.	157,736	157,582	339	12	1900	62.5	25
Year	2,149,490	2,147,826	433	8-29-78	1800	56.6	26

Report Minimum Hourly Load Experienced During the Month				Percent load factor = $\frac{\text{Net energy for load (Col. 9) \times 100}}{\text{Peak load (Col. 10) \times \text{hours in month (or yr)}}$	Calculate the load factor to the nearest tenth of one percent. If hours used in calculating the load factor for a month differ from the calendar hours in that month, report the number of hours used in calculating the load factor.
Month (14)	(Megawatts) (15)	Month (16)	(Megawatts) (17)		
Jan.	119	July	149		27
Feb.	131	Aug.	160		28
Mar.	122	Sept.	152		29
Apr.	112	Oct.	117		30
May	130	Nov.	119		31
June	151	Dec.	121		32

Schedule 15
SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Load data should be furnished by all class I systems. Class II systems may omit this schedule unless otherwise instructed.

1. Show the 60-minute integrated megawatt demand for each clock-hour of the days specified in this schedule, determined (as for the peak hour in schedule 13) from coincident demands as follows:

- (a) Combined net demand on all system generating plants.
- (b) Plus: Power received from other systems and industrial companies listed in schedule 8, part B, column 5.
- (c) Minus: Power delivered, for resale, to each class I and class II system that obtained a part of its power supply during the year from its own generating facilities or from systems other than the respondent's. These systems are listed in schedule 8, part B, column 6.
- (d) Total net demand for load data (a) plus (b) minus (c).

Note that power delivered by the respondent to another class III or class V system is included in the respondent's system load for purposes of this schedule.

2. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate the integrated demand for 60-minute clock-hour intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, load data should be furnished in the form available.

3. The loads represented by the demands to be entered in this schedule will, in accordance with instruction 1, include the sales for resale to systems listed in schedule 8, part A.

- 4. State whether the system operates on Eastern, Central, Mountain, or Pacific time.
- 5. If the system operated on daylight-saving time during the year, give beginning and ending dates of the daylight-saving period.
- 6. If any of the reported data are given in daylight-saving time, indicate which readings are so given.
- 7. If unusual conditions (storms, floods, industrial disturbances, etc.) greatly affected the system load characteristics during any of the specified weeks, describe such influences briefly on an addenda sheet and give the dates affected.

Schedule 15
SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Demand Interval.....60 Min.

INTEGRATED DEMAND IN MEGAWATTS

First Full Week of April Starting With Sunday (Indicate dates)

Time Interval (1)	Sunday (2) 2	Monday (3) 3	Tuesday (4) 4	Wednesday (5) 5	Thursday (6) 6	Friday (7) 7	Saturday (8) 8	
	<i>Midnight</i>							
12-1	137	126	145	143	151	153	149	1
1-2	128	119	132	133	147	137	134	2
2-3	120	112	122	127	131	131	130	3
3-4	113	112	121	124	130	130	126	4
4-5	115	116	119	123	130	131	126	5
5-6	119	126	130	138	139	143	126	6
6-7	121	152	161	159	164	162	136	7
7-8	143	192	196	196	206	200	160	8
8-9	162	216	221	225	229	224	194	9
9-10	179	230	234	241	237	243	221	10
10-11	185	239	245	252	257	252	235	11
11-12	189	249	252	261	266	261	234	12
<i>Noon</i>								
12-1	193	254	258	263	271	264	246	13
1-2	198	260	269	269	276	272	246	14
2-3	199	261	264	277	278	275	250	15
3-4	201	266	273	277	285	275	255	16
4-5	209	271	275	280	287	285	260	17
5-6	207	265	270	279	276	282	267	18
6-7	205	265	270	270	278	278	269	19
7-8	218	273	273	288	283	284	281	20
8-9	208	256	259	269	272	268	265	21
9-10	194	228	229	247	238	235	232	22
10-11	173	194	194	205	203	203	206	23
11-12	152	165	171	179	179	178	182	24
<i>Total</i>								
<i>mw-hrs</i>	4068	4947	5081	5232	5319	5266	4935	25

Note—In order that systems may collect data in advance, the same weeks in the following year will be selected for schedule 15.

Schedule 15
SYSTEM LOAD DATA FOR SPECIFIED WEEKS
 Demand Interval

Time Interval	INTEGRATED DEMAND IN MEGAWATTS							
	First Full Week of August Starting With Sunday (Indicate dates)							
	Sunday (2) 6	Monday (3) 7	Tuesday (4) 8	Wednesday (5) 9	Thursday (6) 10	Friday (7) 11	Saturday (8) 12	
Midnight	202	198	228	223	242	244	212	1
12- 1	187	182	208	205	221	227	197	2
1- 2	170	173	194	193	207	210	182	3
2- 3	165	168	187	184	200	203	176	4
3- 4	162	168	190	180	195	197	173	5
4- 5	160	175	191	188	200	200	175	6
5- 6	161	201	215	210	220	221	180	7
6- 7	172	236	250	248	255	255	199	8
7- 8	194	283	292	283	292	299	237	9
8- 9	221	318	327	323	325	335	277	10
9-10	268	336	346	330	346	356	305	11
10-11	276	349	361	349	362	355	321	12
11-12								
Noon	292	357	368	373	374	388	330	13
12- 1	306	363	356	383	392	413	315	14
1- 2	306	375	360	384	405	365	313	15
2- 3	298	376	369	386	413	404	297	16
3- 4	314	388	383	404	418	422	295	17
4- 5	318	386	380	412	417	390	295	18
5- 6	315	381	365	403	409	338	296	19
6- 7	296	362	352	390	385	334	288	20
7- 8	292	357	348	382	377	324	294	21
8- 9	284	338	329	360	354	298	278	22
9-10	259	303	292	319	315	269	252	23
10-11	231	266	257	281	274	238	230	24
11-12								
Total mw hrs.	5849	7039	7148	7393	7598	7285	6117	25
	First Full Week of December Starting With Sunday (Indicate dates)							
	Sunday 3	Monday 4	Tuesday 5	Wednesday 6	Thursday 7	Friday 8	Saturday 9	
Midnight	145	148	148	150	145	160	170	26
12- 1	135	140	143	131	135	150	152	27
1- 2	128	133	141	126	133	139	146	28
2- 3	125	126	137	126	128	137	140	29
3- 4	121	134	138	129	128	137	134	30
4- 5	126	143	152	151	133	150	141	31
5- 6	129	180	193	199	182	187	151	32
6- 7	141	221	236	233	215	224	171	33
7- 8	165	268	263	235	252	245	205	34
8- 9	190	269	260	235	263	277	234	35
9-10	205	272	257	236	268	276	246	36
10-11	217	273	248	238	276	280	251	37
11-12								
Noon	226	280	248	244	283	292	250	38
12- 1	229	286	234	247	286	295	250	39
1- 2	229	298	236	260	290	303	254	40
2- 3	232	289	236	260	290	303	254	41
3- 4	234	279	240	266	294	300	256	42
4- 5	245	297	250	274	297	304	271	43
5- 6	258	310	266	291	314	317	283	44
6- 7	249	294	253	277	298	299	271	45
7- 8	235	275	233	260	274	277	240	46
8- 9	219	245	207	230	252	249	216	47
9-10	185	210	176	204	218	221	192	48
10-11	161	179	161	178	190	195	175	49
11-12								
Total mw hrs.	4529	5549	5066	5180	5544	5717	5053	50

Schedule 16
SYSTEM DEPENDABLE AND ASSURED CAPACITY
INSTRUCTIONS

1. (a). Show as the dependable capacity of the system fuel plants that capacity which can be relied upon to be available for active or standby service at the usual time of the annual system peak. Allowance should be made for any maintenance outage of equipment which **MUST** be scheduled during the usual time of the annual system peak, giving an explanation under "Remarks." In the space under "Remarks" show what part of the dependable system fuel capacity is suitable only for short-time operation or standby service.

1. (b). The dependable capacity of system conventional hydro plants, as defined for Schedule 16, relates to the capacity which under the most adverse flow conditions of record can be relied upon to carry system load, provide dependable reserve capacity, and meet firm power obligations, taking into account seasonal variations and other characteristics of the load to be supplied and of the firm power obligations. Some systems may be able to utilize off-peak energy from other systems so as to increase the dependable capacity of the reporting system conventional hydro plants. Where consideration is given to the off-peak energy which can be secured from others, an explanation of the amount and conditions governing the receipt of such energy should be given. In cases where the stream-flow records indicate that the most adverse flows are not likely to occur except at long intervals of time and are likely to be of very short duration, the figures used in determining the capacity available from conventional hydro plants may be modified, treating such abnormal limitations as an emergency condition to be covered by the reserve capacity. Such modifications should be fully explained. Full consideration should be given to data reported in Schedule 2 for adverse flow conditions in computing the annual dependable system conventional hydro capacity.

1. (c). The dependable capacity of system pumped storage plants, as defined for Schedule 16, is that capacity which can be relied upon to carry system load or provide dependable reserve capacity at the usual time of annual system peak taking into account such factors as limitations in plant capability due to reservoir drawdown, the energy equivalent of storage in the upper reservoir, and the available pumping energy on a daily or weekly pumping cycle. For plants with both conventional and pumped storage facilities, the conventional and pumped storage portions of dependable capacity should be reported in items 1 (b) and 1 (c), respectively.

2. Show the amount of firm power which is intended to be available at the usual time of the annual system peak from utilities, industries, or others. Show amount stated in contract; if it is not a single, definite, fixed amount, explain under "Remarks" or on a separate sheet. **DO NOT INCLUDE POWER WHICH MIGHT BE AVAILABLE UNDER INTERCHANGE, EMERGENCY, OR "WHEN, AS, AND IF" ARRANGEMENTS.** It is desired that corresponding items reported be in agreement as between the affected companies. It is, therefore, suggested that the companies concerned agree upon the figures to be reported.

3. Show the amount of firm power committed or obligated which is intended to be available at the usual time of the respondent's system peak to other systems. Show amount stated in contract; if it is not a single, definite, fixed amount, explain under "Remarks" or on a separate sheet. **DO NOT INCLUDE OBLIGATIONS UNDER INTERCHANGE, EMERGENCY, OR "WHEN, AS, AND IF" ARRANGEMENTS.** It is desired that corresponding items reported be in agreement as between the affected companies. It is, therefore, suggested that the companies concerned agree upon the figures to be reported.

5. (a). Show the total amount of reserve capacity, regardless of the source, considered necessary to maintain adequate service at the usual time of the annual system peak, without regard to the relation of net assured capacity to system peak. In general, the largest reduction in dependable capacity which might result from an outage of a generator or boiler unit determines the minimum reserve capacity required. Where unusual conditions obtain, explain fully in the space under "Remarks."

5. (b). Show that portion of the total required reserve capacity which is relied upon to be available at the usual time of system peak under interchange, emergency, or similar agreements with others. In the space under "Remarks" show in detail the sources of this capacity and state what portion is (1) spinning reserve instantly available; (2) available during times of maintenance and inspection; (3) available upon short notice; and (4) length of time available.

5. (c). Show in the space provided for "Remarks" whether the reserve capacity required to be supplied by own plants is available wholly from fuel plants or wholly from hydroelectric plants or a combination of both, and state the length of time this capacity could be depended upon in case of system outages. Some systems having storage hydro may be limited as to the magnitude of load that can be carried by the amount of potential energy available under adverse stream flow conditions. Such systems may have excess peaking capacity, some portion of which can be considered as dependable reserve capacity, provided sufficient energy is held in storage to take care of possible system outages during the critical period. Such capacity should be included in item 1 (b) with full explanation under "Remarks."

If a considerable amount of energy is normally received from or delivered to others (exclusive of deliveries to systems listed in Schedule 8, Part A) under interchange, emergency, or "When, as, and if" arrangements and such transfers are expected to continue, give a brief description under "Remarks." Where firm power obligations or purchases vary in the amount of capacity that is available for any specific period of time or have limitations as to the amount of energy available, full explanation should be given under "Remarks." Use additional sheets for remarks if necessary.

Remarks:

- (1) 26 MW of this amount is supplied by two gas turbine units which can be loaded within 30 minutes of initiation.
- (2) The Florida Electric Power Coordinating Group member utilities, by mutual agreement, establish reserve requirements for members of this group. The 263 MW interchange reserve capacity was available from other generating units throughout the state.
- (3) Orlando Utilities Commission owns 40% of this unit as a joint owner as tenant in common with an undivided interest.

Schedule 16—Continued
SYSTEM DEPENDABLE AND ASSURED CAPACITY

A. CAPACITY AT END OF YEAR COVERED BY THIS REPORT.

Assuming a continuance of the relative seasonal and hourly variations of load that occurred during the year of this report¹, show in item 6, as derived below, what MAXIMUM ANNUAL SYSTEM LOAD could be carried with the system facilities and arrangements for the purchase or sale of firm power as they existed at the end of year covered by this report with allowance for reserve capacity theoretically required: (See detailed instructions on page 28.)

	Megawatts	Megawatts
1. Net dependable capacity available for the year ended December 31, 1978:		
(a) System fuel plants (exclusive of capacity required for station use).....	742 (1)	
(b) System conventional hydro plants.....	0	
(c) System pumped storage plants.....	0	
(d) Subtotal (a) plus (b) plus (c).....	742	
2. Capacity available from firm purchases:		
From:		
.....		
Total	0	
3. Firm obligations to systems listed in schedule 8, part B:		
To: <u>Sebring Utilities Commission</u>	4	
.....		
Total	4	
4. Net dependable capacity plus net purchases (1 (d) plus 2 minus 3).....		738
5. Reserve capacity required (exclusive of reserve for load growth):		
(a) Total reserve for system.....	318	
(b) Available through interchange or emergency agreements ²	263 (2)	
(c) Reserve capacity required to be supplied by own system (a) minus (b).....	55	
6. Net assured system capacity (4 minus 5 (c)).....		683

B. FUTURE CHANGES IN CAPACITY.

1. List below all SCHEDULED alterations, additions, or retirements in system generating plants, and changes in firm power contracts with other systems.

Description of Change (Give plant name, type of plant and location where applicable) (1)	Date (Month—Year)		Contract Change or Name-Plate Rating (Megawatts) (4)	Effect in megawatts on—		
	Start (2)	Completion (3)		Net depend- able capacity (5)	Reserve capacity (6)	Net assured capacity (7)
McIntosh Unit 3 - Fossil Coal-Lakeland, Florida	1/79	10/81	146	+134	-	+134 (3)
Lake Highland Plant- Steam Units - Orlando, Florida		12/82	103.75	- 90	-	- 90

2. In addition to the SCHEDULED items in B-1 above, list below all NON-SCHEDULED generating capacity being considered for installation to meet estimated loads reported in schedule 19.

Give type of plant and approximate Location, if known (1)	Name-Plate Rating of Unit (Megawatts) (2)	Number of Units (3)	Estimated Dates—	
			Start Construction (4)	In Service (5)

¹ If the seasonal and hourly variations in load are expected to change materially from those experienced during the year of this report, the information given may be based on the expected load shape, explaining in a footnote.
² List each source of capacity and the amount available, as specified in instruction 4 (b) on page 28.

Schedule 17
DISTRIBUTION OF SYSTEM LOAD IN SERVICE AREA

INSTRUCTIONS

1. Information is desired regarding the distribution of the system load as entered in columns 9 and 10, schedule 14, within the territory served by the system. This information should be furnished on the basis used by respondent in maintaining load distribution data, such as by primary substations, operating divisions, communities, metropolitan areas, industrial areas, or other areas, in which the annual energy consumption was 10,000 megawatt-hours or greater.
2. A sketch map showing the location and the approximate boundary of each of these areas, together with identification symbols, also should be furnished, or may be shown on maps submitted under schedule 18.

Designation of Area (Primary substation, operating division, or community (1))	Map Symbol (2)	Total (Megawatt-hours) (3)	Annual Energy Provided for the Area							Actual or Estimated Peak Demand of Area During the Year (Megawatts) (11)	Date of Peak (12)	Annual Load Factor (13)
			Estimated Distribution—Percent									
			Farm (4)	Non- Residential (5)	Com- mercial (6)	Indus- trial (7)	Other (8)	"In Local" (Sch. 8-A) (9)	Losses (10)			
Orlando, Fla. and Adjacent Areas		2,147,826		41.1	53.5*		1.3	-	4.1	433	8-29	56.6

*OUC has one class, general services, which includes both commercial and industrial customers.

(30)

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Schedule 18
SYSTEM MAPS AND DIAGRAMS

Attach to each of three copies of the power system statement one print each of the following:

- (a) System map (or maps) showing geographical location of generating stations, electric power lines, switching stations, substations, and points of interconnection with other electric utility systems and with industrial plants having generating capacity of one megawatt or more.
- (b) Single-Line schematic switching diagram (or diagrams) showing the electrical connections of lines and facilities outlined in (a) above.
- (c) General Characteristics of facilities.

All as more specifically outlined below:

1. Maps and diagrams should show all lines and the substations supplied therefrom, operating at voltages of 69 kv. and above, except radial and low capacity distribution circuits in metropolitan areas.
2. In general, system maps or diagrams or both should be of such scale as to be easily read and should show: (a) Location and name of all generating plants and of those substations and switching stations specified in (1) and (3); (b) names of communities served by respondent; (c) location and name of each interconnection with other utility systems; (d) location and nominal voltage of each high voltage line of 69 kv. and above or any other line regardless of voltage which constitutes the tie line between generating stations or from generating stations to high voltage systems of 22 kv. or above, including frequency and number of phases where other than 60 cycle or 3 phase.
3. Substations and switching stations in the following classes, together with facilities for supply from the main system, should be shown on both the map and diagram even though the voltage of the supply lines may be below 69 kv.
 - (a) Principal substations and switching stations within metropolitan areas.
 - (b) Substations and switching stations connecting with other utility systems or to industrial plants having generating capacity of 1 mw or more (connections for minor "border-line deliveries" need not be shown).
4. The following information should be shown on single-line schematic diagram or on supplemental tabulation for substations and switching stations specified in (1) and (3) above and for generating plants of 1 mw capacity or greater:
 - (a) Connections of major electrical equipment such as generators, conversion equipment, main and auxiliary buses, circuit breakers, disconnecting switches (other than for instrument transformers), power transformers (specify V, Y, or Y grounded, etc.), voltage regulators, phase shifters, high voltage lines of 69kv, and above.
 - (b) Principal connections from generating stations and principal substations (regardless of voltage).
 - (c) Nominal voltage of buses and equipment.
 - * (d) Continuous mva. rating of rotating equipment, transformers (normal and with forced cooling where installed), rectifiers, condensers, and voltage regulators.

Meter, control and house circuits need not be shown. Characteristics of station step-up transformers given in schedules 4, 5, and 7 need not be repeated to comply with this instruction.
5. The following information should be shown for high voltage, tie and substation supply lines:
 - (a) Number of circuits installed (if space for additional circuits, so note).
 - (b) Operating voltage (and design voltage if different).
 - (c) Length of right-of-way between terminal points.
 - (d) Type of construction, i.e., overhead, underground or submarine cable.
 - ** (e) Type of structure, i.e., steel tower, wood H-frame, steel or wood pole and equivalent spacing of conductors.
 - (f) Conductor material and size.
6. Material furnished under this schedule shall carry the notation "Correct as of December 31, 1978" (or a later date), and be initialed by a responsible employee of respondent.
7. Existing maps and switching diagrams prepared for administrative purposes, load dispatching, or other operating uses, supplemented by such ink or color notations or tabulations as required, may be furnished.
8. If system maps, single-line diagrams and supplemental tabulations previously furnished meet the detailed requirements outlined above and are wholly correct as of the close of the year of this report, such information need not be repeated, but a notation should be made as to the accuracy and year submitted, as follows: Maps, diagrams, and tabulations submitted with FPC Form No., for the year 19. . . ., correct as of December 31 of the year herein reported.

*Need not be furnished for substations of total rating less than 3 mw.

**Need not be furnished for lines under 69 kv. if the maximum transmission voltage of the system is greater than 115 kv.

Schedule 18 B
HIGH VOLTAGE LINE DATA

1. Loading data are to be reported under this Schedule for high-voltage lines in the nominal voltage ranges indicated in the tabulation below. Data should be supplied for all line sections in the indicated voltage classifications, except that data need not be supplied for radial tap lines as defined in footnote¹ or for sections of main high-voltage line between adjacent tap lines unless the section or tap (a) connects to a generating station; (b) crosses a state or international Government load of 1 megawatt or more. However, data should be given for each end of such a line when intermediate data are excluded. Line terminals listed in this Schedule should be the same as shown on the geographical map or single-line diagram, or both. Power flow diagrams may be submitted in lieu of tabulations. Add data for lines completed since the last report.

High Voltage Lines Upon Which Data Should Be Supplied

<i>If Highest Nominal System Voltage is—</i>	<i>Supply Line Load Data for</i>
<i>69 Kv or Less</i>	<i>Main Lines and for (a) to (d) Lines of—</i>
<i>Over 69 Kv to 161 Kv</i>	<i>33 Kv or Greater</i>
<i>Greater than 161 Kv</i>	<i>55 Kv or Greater</i>
	<i>Greater than 69 Kv and Lines in¹</i>

¹Also supply data on 55 to 69 Kv lines that fit (a) through (d) above or radiate from the network to supply areas not enclosed by a higher voltage ring.

²Tap line as used here means a connection to a line of the same voltage between terminal points on that line.

2. The maximum possible loading shown in column 5 should be that at the time of annual system peak, taking into consideration not only the characteristics of the line itself, but also that of its associated equipment and other operating limitations that might be imposed by normal system connections. If the capacity of the line under the above conditions is below the possible loading of the line alone, please specify by number the limiting factor, such as (1) transformer capacity, (2) limitations in capacity of other connecting lines, (3) system stability, (4) permissible voltage drop, (5) relay settings, (6) continuous current rating of circuit breakers, (7) generating station capacity, (8) line capacity controlled by parallel circuits and load locations, or (9) other factors which should be explained.

3. Show for the months designated, the load on each line at the time of the monthly system peak, as shown in column 10, schedule 14. The load data in this schedule should be the integrated demand for 60-minute intervals. Where integrated demands for such intervals are not available, other data should be adjusted or estimates furnished to approximate the integrated demand to 60-minute interval. Where two or more identical circuits between the terminals are grouped, indicate by symbol whether data be for one or all such circuits.

4. If the energy flow at the time of the monthly peak is in a direction opposite to that shown in columns 1 and 2, the figures in columns 6, 7, 8, 9, and 10 should be enclosed in parentheses (.....).

LINE TERMINALS		Length of Each Line (miles)	Operating Voltage (Kv.)	Maximum Possible Loading (mw.)	LINE LOAD AT TIME OF MONTHLY SYSTEM PEAK—(mw.)				
Normal Flow of Power					April	August	October	December	Annual Peak
From (1)	To— (2)								
Pine Hills	Woodsmere Florida Power Corp.	2.12	115	95	4	0*	0*	0*	0*
Pershing	Rio Pinar Florida Power Corp.	5.63	230	414	60	0	153	100	0
Windermere Florida Power Corp.	Southwood	1.30	230	414	120	20	200	120	20
Indian River	Cape Canaveral Florida Power & Light Company	2.68	230	414	120	180	110	230	180

mw.—thousand kilowatts.

*Out of service

Schedule 18 B--Continued
HIGH VOLTAGE LINE DATA--Continued

LINE TERMINALS		Length of Each Line (miles) (3)	Operating Voltage (Kv.) (4)	Maximum Possible Loading (mw.) (5)	Line Load at Time of Monthly System Peak--(mw)				
Normal Flow of Power					April (6)	August (7)	October (8)	December (9)	Annual peak (10)
From-- (1)	To-- (2)								
Sub. 7	Sub. 6 (2 lines)	31.90	115	165 ea.	4 ea.	57 ea.	39 ea.	48 ea.	57 ea.
Sub. 7	Sub. 6 (1 line)	31.95	230	414	267	283	253	207	283
Sub. 6	Sub. 5	27.26	230	414	29	116	54	41	116
Sub. 6	Sub. 3 (2 lines)	4.18	115	135 ea.	29 ea.	47 ea.	36 ea.	36 ea.	47 ea.
Sub. 6	Sub. 9A	4.59	115	135	32	64	40	48	64
Sub. 6	Sub. 9B	5.79	115	192	32	64	38	45	64
Sub. 3	Sub. 11	2.78	115	135	43	75	50	54	75
Sub. 11	Sub. 1	3.15	115	135	5	25	6	17	25
Sub. 9	Sub. 13UG	2.12	115	195	57	81	68	68	81
Sub. 13	Sub. 10	1.44	115	192	57	81	68	68	81
Sub. 10	Sub. 1UG	1.96	115	158	11	14	19	25	14
Sub. 9	Sub. 4	5.07	115	135	18	20	22	6	20
Sub. 5	Sub. 8	2.66	115	112	8	12	11	10	12
Sub. 1	Sub. 12UG	1.92	115	158	18	46	11	25	46
Sub. 12	Sub. 2	3.22	115	192	13	14	19	0	14
Sub. 14	Sub. 2	3.30	115	112	50	52	58	43	52
Sub. 5	Sub. 4	3.55	115	112	44	35	50	34	35
Sub. 5	Sub. 14	2.43	115	112	66	71	76	64	71

mw.=thousand kilowatts.

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Schedule 19

SUMMER AND WINTER PEAK MONTH AND CALENDAR YEAR LOAD ESTIMATES

1. Furnish estimates of system's power requirements for the summer and winter month during which the seasonal peak load occurs on the same basis as schedule 14, columns 9, 10, and 13.
2. Furnish estimates of the system's power requirements for the next four calendar years on the same basis as schedule 14, columns 9, 10, and 13.
3. Include under "Remarks" a brief discussion of the major factors affecting power requirements which were considered in making the estimates.

(1)	Month of Peak (2)	Net Energy for Load (Megawatt-hours) (3)	Peak Load (Megawatts) (4)	Load Factor (Percent) (5)	
Seasonal peak month data:					
1979					
Summer	August	231,969	486	64.2	1
Winter 1979-80	January	183,642	468	52.7	2
1980					
Summer	August	243,169	509	64.2	3
Winter 1980-81	January	192,253	496	52.1	4
1981					
Summer	August	254,571	533	64.2	5
Winter 1981-82	January	201,016	525	51.5	6
1982					
Summer	August	266,174	558	64.1	7
Winter 1982-83	January	210,312	554	51.0	8
Calendar year data:					
1979	August	2,299,000	486	54.0	9
1980	August	2,410,000	509	54.0	10
1981	August	2,523,000	533	54.0	11
1982	August	2,638,000	558	54.0	12

Remarks:

ATTESTATION

The foregoing statement must be attested by a responsible engineer or executive officer of respondent, or of one of respondents where a consolidated statement is filed, qualified and duly authorized to prepare or supervise the preparation of the statement and to certify its accuracy, completeness and truthfulness.

Attest:

I am Director, System Planning of
(Title of Office or Position)

Orlando Utilities Commission
(Name of Respondent or of one of Respondents)

and _____ of
(Title of Any Office or Position, or "Agent")

(Name of Any other Respondents)

I am qualified by training and experience and am charged with responsibility for, and have
(prepared
supervised the preparation of
(Strike one)) the foregoing statement and as such an officer or employee and agent of

respondent(s) certify that the foregoing statement is based upon, and is as full and complete as can be supplied from the records of respondent(s) and that the statement is true and accurate, to the best of my knowledge and belief.

Don Moore
(Signature of Attestor)

Don Moore
(Name, Typewritten or Printed)

Director, System Planning
(Title of Attestor)

4-30-79
(Date)



RESIDENTIAL ELECTRIC SERVICE

RATE SCHEDULE RS 1

Availability: For residential customers in single family dwelling units within OUC service area.

Monthly Rate:

Customer Charge	\$1.96
First 750 KWH	@ 3.568¢ per KWH
Over 750 KWH	@ 3.311¢ per KWH

Minimum Bill: Customer Charge

Terms of Payment: See "Terms of Payment" on Sheet No. 5.060.

Fuel Cost: The monthly rate will be increased or decreased to reflect changes in the fuel cost of delivered energy above or below a base cost of 1.9¢ per KWH.

Municipal Tax and Outside City Charge:

The monthly rate charges plus all adjustments are subject to the Municipal Utility Tax within the City of Orlando and to an equivalent charge outside the city. The Municipal Utility Tax and the outside city charge do not apply to amounts for fuel above a cost of 0.638¢ per KWH.

GENERAL SERVICE - NON-DEMAND ELECTRIC SERVICE

RATE SCHEDULE GS

Availability: To any customer with a connected load of less than 50 KW within OUC service area.

Monthly Rate:

Customer Charge \$2.94
First 1000 KWH @ 5.179¢ per KWH
Over 1000 KWH @ 3.983¢ per KWH

Minimum Bill: Customer Charge.

Terms of Payment: See "Terms of Payment" on Sheet No. 5.060.

Fuel Cost: The monthly rate will be increased or decreased to reflect changes in the fuel cost of delivered energy above or below a base cost of 1.9¢ per KWH.

Municipal Tax and Outside City Charge:

The monthly rate charges plus all adjustments are subject to the Municipal Utility Tax within the City of Orlando and to an equivalent charge outside the city. The Municipal Utility Tax and the outside city charge do not apply to amounts for fuel above a cost of 0.638¢ per KWH.



GENERAL SERVICE - DEMAND ELECTRIC SERVICE

RATE SCHEDULE GSD

Availability: To any customer with a connected load of 50 KW or more within OUC service area.

Monthly Rate: Customer Charge \$14.71
Demand Charge
First 25 KW or less \$49.05
Over 25 KW @ \$ 1.57 per KW

Energy Charge
First 20,000 KWH @ 3.364¢ per KWH
Over 20,000 KWH @ 2.609¢ per KWH

Minimum Bill: Customer charge plus demand charge.

Billing Demand: The maximum 15-minute KW demand measured during the billing period.

Primary Service: When the customer owns and maintains all equipment, except metering equipment, necessary to take service at 12,470 volts or higher and the service is metered at primary voltage.

- (1) The measured demand and energy will each be decreased by 2%.
- (2) The calculated demand charge will be decreased by 15%.

Terms of Payment: See "Terms of Payment" Sheet No. 5.060.

Continued on Sheet No. 5.031



(Continued from Sheet No. 5.030)

Fuel Cost:

The monthly rate will be increased or decreased to reflect changes in the fuel cost of delivered energy above or below a base cost of 1.9¢ per KWH.

Municipal Tax
and Outside
City Charge:

The monthly rate charges plus all adjustments are subject to the Municipal Utility Tax within the City of Orlando and to an equivalent charge outside the city. The Municipal Utility Tax and the outside city charge do not apply to amounts for fuel above a cost of 0.638¢ per KWH.



STREET LIGHT SERVICE

RATE SCHEDULE SL

Availability: Anywhere within Orlando Utilities Commission's service area.

Monthly Rates: Street light service will be billed monthly, with fuel adjustment added when applicable, based upon an estimated monthly consumption.

	<u>Inside City</u>	<u>Outside City</u>	<u>Estimated Monthly KWH</u>
<u>Street Lighting - Customer makes no Installation Payment - City Public Lights to date and County and Private Lights prior to 11/5/74:</u>			
*295 Incandescent	\$ 3.73	\$ 3.73	100
*250 W-Fluorescent	3.42	3.90	79
*400 W-Fluorescent	7.02	8.02	154
* 75 WMV-Expressway	2.65	2.65	35
*100 WMV	3.27	3.81	42
175 WMV	4.69	5.42	68
*175 WMV Pole Top	4.69	5.42	68
*250 WMV	4.82	5.51	96
*250 WMV Pole Top	4.82	5.51	96
400 WMV	8.49	9.74	154
400 WMV-Expressway	8.49	9.74	154
1000 WMH	16.22	18.51	366
100 WHPS	4.21	4.87	39
250 WHPS	7.40	8.48	105
400 WHPS	9.24	10.59	162

Street Lighting - Customer Pays Installation Costs - County Public Lights and all Private Lights after 11/5/74:

175 WMV	3.44	3.95	68
400 WMV	6.90	7.88	154
100 WHPS	2.43	2.80	39
250 WHPS	5.00	5.71	105
400 WHPS	7.10	8.11	162

Fuel Cost: The monthly rate will be increased or decreased to reflect changes in the fuel cost of delivered energy above or below a base cost of 1.9¢ per KWH.

*This light no longer available for new installations.

TRAFFIC SIGNAL SERVICE

RATE SCHEDULE TS

Availability: Anywhere in OUC service area.

Monthly Rate: Inside-city traffic signal system energy and demand are totalized and billed monthly using the General Service Demand rate.

Outside-city traffic signals are individually metered and billed monthly using the General Service Non-Demand rate.



attachment C-6

7/11, 1977
Type 1

CONTRACT FOR INTERCHANGE SERVICE BETWEEN
CITY OF KISSIMMEE, FLORIDA
AND
ORLANDO UTILITIES COMMISSION

SECTION 0.1 This CONTRACT made and entered into this 8th day of March, 1977 by and between the City of Kissimmee, Florida, herein referred to as the "CITY" and the Orlando Utilities Commission owned by the City of Orlando, Florida and operated under charter from the State of Florida herein referred to as the "COMMISSION".

W I T N E S S E T H :

SECTION 0.2 WHEREAS, the Parties hereto operate electric systems which are directly interconnected electrically, and

SECTION 0.3 WHEREAS, the Parties hereto deem it desirable that this contract be made for the interchange of electric capacity and energy through this interconnection, and

SECTION 0.4 WHEREAS, such interchange may be beneficial to all Parties involved, and

SECTION 0.5 WHEREAS, each Party desires to establish the terms and conditions of such interchange of electric capacity and energy for its respective system;

SECTION 0.6 NOW, THEREFORE, in consideration of the foregoing and of the mutual benefits to be obtained from the covenants herein, the Parties hereto do hereby agree as follows:

ARTICLE I

TERM OF CONTRACT

SECTION 1.1 - Term: The term of this CONTRACT shall commence on the 8th day of March, 1977, and shall continue in effect for an initial period of ten (10) years, and thereafter shall automatically be extended for succeeding periods of three (3) years each, except that this CONTRACT may be cancelled by either Party at the end of said initial period, or any three year extension thereto, upon written notice to the other Party three years prior to the end of the initial period or extension period.

ARTICLE II

FACILITIES

SECTION 2.1 - Location of Facilities: The City and the Commission agree to construct and maintain interconnection facilities located in Section 25, Township 24 South, Range 29 East near the intersection of the Commission's south loop electric transmission line and State Road #527. This shall be known as the Taft Interconnection.

SECTION 2.2 - Ownership - Facilities will be owned as follows:

Land

The Commission shall acquire and retain title to land necessary for installing these interconnection facilities.

Structures and Equipment

The City shall provide and retain title to all structures and equipment necessary for the interconnection, however, the Commission has the right to provide and install additional structures and equipment in this substation at its discretion, provided such additions do not degrade the reliability of the interconnection.

SECTION 2.3 - Maintenance and Operation of Facilities - The Commission shall have the sole responsibility and right to operate and maintain these facilities in accordance with accepted electric utility practice. The attendant cost of maintaining these facilities shall be paid by the Lessor as set forth in the Facilities Lease Agreement.

SECTION 2.4 - Metering - Metering equipment shall be installed so as to permit accurate determination of the flow of power and energy and reactive KVA over the interconnection. In and Out KWH meters shall be three element, four wire and shall be equipped with contact devices for telemetering of metered quantities to the control centers of the respective systems. In cases where power and energy flows to either Party from the other Party through OTHER SYSTEMS, adequate and equitable metering and accounting for such power and energy shall be provided by the Parties hereto in a mutually agreeable manner.

KWH meters shall be tested bi-annually. The Commission shall be responsible for performing the tests, after reasonable notice to the City, the City shall have the right to have a representative witness the tests.

ARTICLE III

OPERATION

SECTION 3.1 - Accessory Facilities: The Parties hereto will provide communication, telemetering, frequency control and generation control equipment and/or such other facilities for dispatching purposes and for control of power flow and flow of reactive KVA as is now or may hereafter reasonably be required in accordance with good, modern practice, as determined by the Committee provided for in SECTION 3.3.

SECTION 3.2 - Parties Responsible: Each Party hereto shall provide, operate and maintain at its own cost and expense, such of the equipment and facilities as may be constructed pursuant to the foregoing provisions of this ARTICLE III.

SECTION 3.3 - Operating Committee: Each Party shall appoint a representative and an alternate to an Operating Committee, and so notify the other Party. The Committee shall meet at the request of either Party, at a time and place agreed upon by the members, and review the duties set forth herein. Each representative and alternate shall be a responsible person working with the day-to-day operations of each respective power system. This Committee shall represent the Parties in all matters arising under this CONTRACT which may be delegated to it by mutual agreement of the Parties hereto. Each Party shall cooperate in providing to the Operating Committee all information required in the performance of its duties. Such duties shall include; but are not limited to, the following:

- (1) Preparation of Operation and Maintenance Schedules.
- (2) Preparation of Control and Operating Procedures.
- (3) Supervision of Interchange Accounting Functions.
- (4) Negotiations for Electric Service under all Service Schedules.
- (5) Negotiations for Additions, Changes, or Modifications to this CONTRACT and Service Schedules.

If the Operating Committee is unable to agree on any matter falling under its jurisdiction, such matter shall be referred by the members of the Operating Committee to their Principals for decision. Failure of the Principals to agree on any matter referred to them shall not constitute a basis for cancellation of this CONTRACT. All commitments and agreements made by the Committee shall be evidenced in writing.

SECTION 3.4 - Regulation of Transfer of Power and Energy: The Parties hereto agree that it is the responsibility of each Party to operate in a manner to provide for its own system load at all times, except as otherwise provided herein or as mutually agreed, and to hold deviations from net schedule deliveries to a minimum. To this end, each Party shall regulate generation in accordance with standard practice so as to avoid making objectionable demands upon other systems during normal operation.

SECTION 3.5 - Disturbances: Each Party shall, insofar as practicable, so protect, operate and maintain its system and facilities as to avoid disturbances which might cause impairment to service in the systems of other Parties of the interconnection.

SECTION 3.6 - Transfer of Power and Energy Through Other Systems: Since the systems of the Parties hereto are now directly interconnected with other systems, it is recognized that because of the physical and electrical characteristics of the facilities involved, any interchange of power may flow from one Party through other systems to the other Party. In such cases, the Parties agree to make arrangements with other systems for such deliveries and transfers so as not to burden such third Parties and to maintain good relationships with affected third Parties for the overall coordinated bulk power system in Florida.

Each Party, whether buyer or seller, shall at all times use its best efforts to maintain satisfactory relationships with other systems to which the respective systems are interconnected.

SECTION 3.7 - Wheeling: Either Party shall permit the use of its transmission facilities for delivery of power from a third Party through its system to the other Party to this contract providing such transfer does not place an undue burden on its transmission facilities and further provided that a suitable agreement for compensation can be reached.

ARTICLE IV

ELECTRIC SERVICE

SECTION 4.1 - Electric Service: It is recognized that transfer of various specific classes of service and the rates applicable to each class of electric service must necessarily depend upon the conditions existing from time to time. The sale and purchase of specific classes of electric service and the terms, arrangements and rates applicable thereto are set forth in various Service Schedules, which Schedules, when executed by the Parties hereto shall become a part of this CONTRACT. These Service Schedules are respectively referred to as:

- Service Schedule A - Emergency Interchange Service
- Service Schedule B - Short Term Firm Interchange Service
- Service Schedule C - Economy Energy Interchange Service
- Service Schedule D - Firm Interchange Service

SECTION 4.2 - Scheduled Deliveries: It is recognized that both the City and the Commission maintain interconnections with other utilities. For this reason the actual flow of power into or out of a system would be the net flow measured at several metering points. Therefore, due to the difficulty of obtaining these metered values and making them agree with scheduled values, unless otherwise agreed upon, all billings shall be in accordance with scheduled deliveries rather than actual metered net interchange of power between the City and the Commission during the period of such scheduled deliveries. The difference between scheduled deliveries and actual net deliveries shall be determined at the end of each hour of the scheduled delivery, and the difference, so determined, shall be classed as inadvertent interchange (See Section 4.3) and shall be adjusted, as nearly as practicable, during the following hour, or at some other mutually acceptable time.

SECTION 4.3 - Inadvertent Transfer of Electric Energy: Inadvertent transfer of energy is a transfer of energy between the systems of the Parties hereto at variance with the scheduled delivery as a result of the inherent physical and electrical characteristics of the systems, limitations in the equipment used to control the flow of power between the system or limitations in the operation of such equipment, or as a result of temporary arrangements for testing purposes. Inadvertent energy shall be returned in kind, at times mutually agreed upon.

ARTICLE V

ELECTRIC GENERATING CAPACITY

SECTION 5.1 - Electric Generating Capacity to be Provided: Each Party agrees to carry its proportionate share of the operating reserve as is currently established and recognized as good electric utility operating practice in the State of Florida.

ARTICLE VI

BILLING AND PAYMENT

SECTION 6.1 - Presentation and Payment: When interchanges have occurred, each of the Parties shall submit to the other, as promptly as possible after the first business day of each month, an interchange billing statement and bill, for the interchange transactions and the respective amounts due under the terms of this CONTRACT for the preceding calendar month. All such bills shall be due and payable within ten (10) days. To expedite billing, the most recent cost data will be used for the initial billing. An adjusted billing statement, if required to reflect the actual cost of the delivered energy, shall be issued within sixty (60) days. By definition, economy energy under Service Schedule C is not subject to such adjustment.

SECTION 6.2 - Disputed Bill: In case any portion of any bill is in bona fide dispute, the undisputed amount shall be payable when due. Upon determination of the correct amount, the remainder, if any, shall be paid promptly.

ARTICLE VII

FORCE MAJEURE AND INDEMNIFICATION

SECTION 7.1 - Force Majeure: In case either party hereto should be delayed in or prevented from performing or carrying out any of the agreements, covenants, and obligations made by and imposed upon said Party by this CONTRACT, including all covenants and obligations made in the attached Exhibit(s) and Service Schedules, by reason of or through strike, stoppage in labor, failure of contractors or suppliers of materials, riot, fire, flood, ice, invasion, civil war, commotion, insurrection, military or usurped power, order of any Court granted in any bona fide adverse legal proceedings or action, order of any civil or military authority either de facto or de jure, explosion, act of God or the public enemies or any cause reasonably beyond its control and not attributable to its neglect; then and in such case or cases, both parties shall be relieved of performance under this agreement and shall not be liable to the other Party for or on account of any loss, damage, injury, or expense resulting from or arising out of such delay or prevention; provided, however, that the Party suffering such delay or prevention shall use due and practicable diligence to remove the cause or causes thereof; and provided, further, that neither Party shall be required by the foregoing provisions to settle a strike except when, according to its own best judgment, such a settlement seems advisable.

SECTION 7.2 - Responsibility and Indemnification: Each Party hereto expressly agrees to indemnify and save harmless and defend the other against all claims, demands, costs, or expense for loss, damage, or injury to persons or property, in any manner directly or indirectly connected with or growing out of the generation, transmission, or use of electric capacity and energy, unless such claim or demand shall arise out of or result from the negligence or wilful misconduct of the other Party, its agents, servants, or employees; provided, however, that neither Party hereby assumes responsibility for damage or injury to employees of the other Party whenever said other Party's employees are on first Party's premises.

ARTICLE VIII

MISCELLANEOUS

SECTION 8.1 - Waivers: Any waiver at any time by any Party hereto of its rights with respect to the other Party or with respect to any matter arising in connection with this CONTRACT shall not be considered a waiver with respect to any subsequent default or matter.

SECTION 8.2 - Successors and Assigns: This CONTRACT shall inure to the benefit of and be binding upon the Parties hereto, their respective successors and assigns, and shall not be assignable by either Party without the written consent of the other Party except as to a successor in the operation of its properties by reason of a merger, consolidation, sale or foreclosure where substantially all such properties are acquired by such a successor.

SECTION 8.3 - Notices: Any notice, demand, or request required or authorized by this CONTRACT shall be deemed properly given if mailed, postage prepaid, to City of Kissimmee, Attention: City Manager or duly authorized agent, P. O. Box 340, Kissimmee, Florida 32741 in the case of the CITY and to Orlando Utilities Commission, P. O. Box 3193, Orlando, Florida 32802 in the case of the COMMISSION, or to such other person as may be designated by the CITY or by the COMMISSION. The designation of the person to be notified or the address of such person may be changed by the CITY or the COMMISSION at any time, or from time to time, by similar notice.

SECTION 8.4 - Tax Adjustment: To the capacity (when applicable) and energy charges of all Service Schedules shall be added the applicable proportionate part of any taxes and assessments (except State or Federal Income Taxes), imposed by any governmental authority in excess of those in effect as of the date of the CONTRACT which are assessed on the basis of meters or customers, or the price of or revenue from electric energy or service sold, or the quantity of energy purchased or generated for sale or sold. In the event either Party pays a "gross receipts tax" to the State of Florida in respect to interchanges hereunder, the Party making such tax payment shall be fully reimbursed by the Party purchasing the electric energy.

IN WITNESS WHEREOF, the Parties hereto have caused this CONTRACT to be executed by their duly authorized officers, and copies delivered to each Party, as of the day and year first above stated.

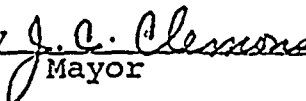
ATTEST:

City of Kissimmee

By


City Manager

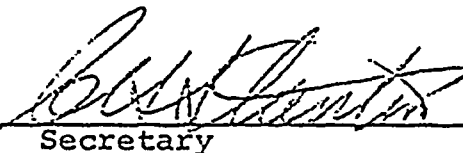
By


Mayor

ATTEST:

Orlando Utilities Commission

By


Secretary

By


President

SERVICE SCHEDULE A

EMERGENCY ELECTRIC SERVICE

IT IS AGREED this Service Schedule A will be effective under, and a part of, the CONTRACT dated March 8, 1977 for interconnection and electric service supplied between the City of Kissimmee and the Orlando Utilities Commission, herein-after referred to as the "CONTRACT".

SECTION A.1 - Term: The term of this Service Schedule A shall be concurrent with and identical to the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION A.2 - Emergency Electric Service: Emergency electric service, for the purpose of this Schedule, shall mean emergency power supplied to either Party, for use under emergency conditions, when such Party is temporarily unable to supply its required capacity and energy from normally available sources. When an emergency condition arises on the system of either Party, the other Party shall make available capacity and energy from all its own generating resources to the extent that, in the sole judgment of the supplier, such delivery will not jeopardize service to supplier's customers. It is agreed that a condition of deficiency in power supply of either of the parties hereto occasioned by shortages of system facilities, water, fuel or other supplies, which has resulted from failure to follow recognized good engineering or operating practice, shall not be considered an emergency condition for the purpose of this Service Schedule A.

It is understood and agreed that the capacity and energy received by either Party under emergency conditions, when the period of such receipt of capacity and energy is less than sixty (60) minutes, shall be classified as inadvertent interchange of energy and shall be treated as set forth in SECTION 3.3, ARTICLE III, of the CONTRACT, of which this Service Schedule is a part.

If the taking hereunder of power during an emergency shall be for a period of sixty (60) minutes or more, all of the capacity and energy taken during the emergency shall be treated as emergency electric service, as provided for under this Service Schedule A.

It is also understood and agreed that the duration of emergency electric service, as provided for under this Service Schedule A, shall not exceed seventy-two (72) consecutive hours for any single emergency after which capacity and energy, if available, will be supplied under other Service Schedules.

SECTION A.3 - Payment for Emergency Electric Service: Emergency electric service received by either Party shall, at the option of the supplying Party, be accounted for by return of the energy in kind at mutually agreeable times, or by payment at the rate or rates below. Current prices for this service shall be readily available to the other Party upon request.

A.3.1 Payment - Receiving Party shall pay supplying Party for energy received as emergency service as follows:

A.3.1.1 Fossil Steam Energy - For energy produced from oil fired steam generation at a price per net MWH equal to the sum of the following three items:

- (a) Supplying Party's replacement cost of fuel oil used to generate the energy, in dollars per million BTUs, times the current month system average net heat rate in million BTUs per MWH.
- (b) Most recent 12-month average fossil steam production operating and maintenance expense excluding fuel.
- (c) Allowance for actual incremental transmission losses, based on most recent load flow data.

A.3.1.2 Internal Combustion Engine or Fossil Combustion Turbine Energy - For energy produced from fossil combustion turbine generation or internal combustion engine generation at a price per net MWH equal to the sum of the following four items:

- (a) Supplier's replacement cost of fuel oil used to generate the energy, in dollars per million BTUs, times the current month average net heat rate of the combustion turbine plant or internal combustion engine plant used to generate the energy, in million BTUs per MWH.
- (b) Most recent 12-month average fossil combustion turbine or internal combustion engine operating expense, excluding fuel and maintenance.
- (c) Forecast average life cycle fossil combustion turbine or internal combustion engine maintenance cost or expense.
- (d) Allowance for actual incremental transmission losses, based on most recent load flow data.

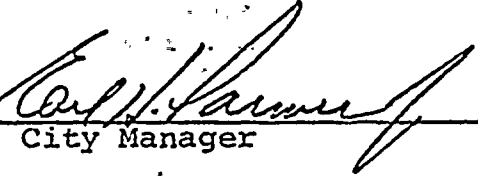
A.3.2 Unusual Costs - If, in order to supply the emergency needs of the Buyer, the Seller is subjected to abnormal costs for starting, banking, or shutdown, or any other abnormal costs, the Buyer shall be advised and mutually agreeable adjustments to the charges shall be determined by the Parties hereto.

IN WITNESS WHEREOF, the Parties hereto have caused this Service Schedule A to be executed by their duly authorized officers and copies delivered to each Party, as of the date and year first above stated.


ATTEST:

City of Kissimmee

By


City Manager

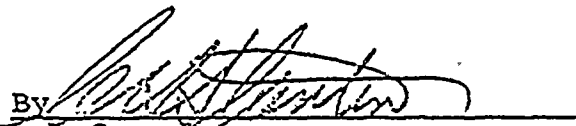
By


Mayor

ATTEST:

Orlando Utilities Commission

By


Secretary

By


President

SERVICE SCHEDULE B

SHORT TERM FIRM ELECTRIC SERVICE

IT IS AGREED this Service Schedule B will be effective under, and a part of, the CONTRACT dated March 8, 1977 for interconnection and electric service supplied between the City of Kissimmee and the Orlando Utilities Commission, hereinafter referred to as the "CONTRACT".

SECTION B.1 - Term: The term of this Service Schedule B shall be concurrent with and identical to the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION B.2 - Short Term Firm Electric Service: Short Term Firm Electric Service for the purpose of this Schedule shall mean the capacity and energy supplied by one party (Seller) to the other party (Buyer) for use during periods of routine or emergency overhaul and maintenance of facilities, or short term periods of deficiency on the Buyer's system. Any reserve requirement associated with this firm delivery shall be the responsibility of the Buyer. It is intended that the Parties hereto will schedule maintenance of facilities in advance, and, insofar as possible, during off-peak periods, and the Parties will reasonably coordinate their respective maintenance periods to their mutual convenience so that reliable service on both systems can be assured.

SECTION B.3 - Short Term Firm Electric Service Commitments: Each Short Term Firm Electric Service Commitment shall be made between Operating Committee authorized representatives and evidenced by teletype request and commitment or confirming letter which shall document the starting date, number of consecutive days, quantity, current price, and negotiating representatives of each party. The Buyer shall normally give the Seller eight hours advance notice of his daily capacity and energy requirements.

SECTION B.4 - Payment for Short Term Firm Electric Service: The current price for this service shall be readily available to the other Party upon request.

B.4.1 Buyer shall pay Seller for Short Term Firm Electric Service monthly at the following daily charges:

B.4.1.1 Capacity - Annual cost (per MW) of capital revenue requirements for the production facilities used to provide the power, adjusted to point of delivery, divided by 365 (days per year).

PLUS

Miss.
B.4.1.2 Fossil Steam Energy - For energy produced from oil fired steam generation at a price per net MWH equal to the sum of the following four items:

- (a) Supplying Party's replacement cost of fuel oil used to generate the energy, in dollars per million BTUs, times the current month system average net heat rate in million BTUs per MWH.
- (b) Most recent 12-month average fossil steam production operating and maintenance expense, excluding fuel.
- (c) Allowance for actual incremental transmission losses, based on most recent load flow data.
- (d) Adjustment for administrative and general costs and expenses, transmission operating and maintenance expenses, based on most recent fiscal year data.

B.4.1.3 Internal Combustion Engine or Fossil Combustion Turbine Energy - For energy produced from fossil combustion turbine generation or internal combustion engine generation at a price per net MWH equal to the sum of the following five items:

- (a) Supplier's replacement cost of fuel oil used to generate the energy, in dollars per million BTUs, times the current system average net heat rate in million BTUs per MWH.
- (b) Most recent 12-month average fossil combustion turbine or internal combustion engine operating expense, excluding fuel and maintenance.
- (c) Historical average life cycle fossil combustion turbine or internal combustion engine maintenance expense.
- (d) Allowance for actual incremental transmission losses, based on most recent load flow data.
- (e) Adjustment for administrative and general costs and expenses, transmission operating and maintenance expenses, based on the most recent fiscal year data.

Each year, within 60 days after the CONTRACT anniversary date, the capacity charge for production facilities shall be reviewed at the request of either party, which charge shall apply for the succeeding twelve months.

If, in order to supply the Short Term Firm interchange needs of the Buyer, the Seller is subjected to abnormal costs for starting, banking, or shutdown, or any other abnormal cost, the Buyer shall be advised and mutually agreeable adjustments to the charges shall be determined by the Parties hereto.

SECTION B.5 - Billing Adjustments: Capacity billing hereunder shall mean the capacity, expressed in MW, which the Seller agrees to furnish and the Buyer agrees to pay for in accordance with Section B.3. If, at any time, the Buyer is receiving power under the provisions of Section B.2 above, and the actual supply of power to the Buyer exceeds the scheduled capacity because of limitations of the control system to accurately control the flow of power to the exact amount scheduled, no capacity charge for such excess power flow shall be made. If the Seller is unable to deliver the contracted capacity for any day, the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is able to deliver. Such adjustment shall be documented via teletype or letter in accordance with Section B.3. If, after an equipment malfunction, the Seller is able to resume delivery of the previously scheduled amount of capacity and the Buyer agrees to such resumption, then there shall be no adjustment to the billing.

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule B to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

City of Kissimmee

By

Carl W. Lamer
City Manager

By

J. C. Clemons
Mayor

ATTEST:

Orlando Utilities Commission

By

Robert A. Stanton
Secretary

By

Sam J. McLean
President

SERVICE SCHEDULE C

ECONOMY INTERCHANGE ELECTRIC SERVICE

IT IS AGREED this Service Schedule C will be effective under, and a part of, the CONTRACT dated March 8, 1977 for interconnection and electric service supplied between the City of Kissimmee and the Orlando Utilities Commission, herein after referred to as the "CONTRACT".

SECTION C.1 - Term: The term of this Service Schedule C shall be concurrent with and identical to the term stipulated in Section 1.1 of the CONTRACT.

SECTION C.2 - Economy Interchange Service: The purpose of Service Schedule C is to provide for non-firm short-term energy interchange between the parties hereto, and to establish the terms and conditions of such energy interchanges.

The types of energy interchange provided for will be (a) that commonly known as economy interchange, and the energy so interchanged shall mean electric energy which is surplus at the time to the needs of the selling Party and which is economically useable on the system of the buyer. It is the intent of the CONTRACT that both Parties engaging in Economy Interchange under this Service Schedule C shall share equally in the benefits derived from such interchange.

It is understood and agreed that a Party is entitled to receive energy hereunder only to the extent that such Party has alternate dependable capacity concurrently available to it that would otherwise be used.

SECTION C.3 - Information on Economy Interchange: Each Party will, upon request of the other Party, furnish information with respect to generating capacity, energy, and time span for which economy interchange supply might be available. This information will include the cost, as later defined, of economy energy the Seller can make available. The Buyer shall furnish the value, as later defined, of economy energy it can utilize. Such information may be furnished by communication between Operating Representatives of the Parties.

C.3.1 Cost - For any economy interchange transaction hereunder, the cost of economy energy shall mean the incremental expense, as determined by the selling Party, which it would incur in supplying economy energy hereunder. This incremental expense shall reflect both the incremental expense of generating the energy or obtaining the energy from another

source, including such cost, if any, of placing units in operation and of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.2 Value - For any economy interchange transaction hereunder, the value of the economy energy shall mean the incremental expense, as determined by the buying Party, which it would incur if the economy energy were not to be received. This incremental expense shall reflect both the incremental expense of generating or obtaining the energy from another source, including the cost, if any, of placing plants or units in operation, and of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.3. Annual Review - From time to time, but not less than once each year, the Operating Committee shall review the methods and basis used by each Party to determine the above costs and values. Each Party shall be the judge of the capacity available to supply economy energy from its system and of commitments to other systems which may have priority over the economy energy supply hereunder.

SECTION C.4 - Supply: Each economy interchange transaction shall be agreed upon by the Operating Representatives prior to commencement of delivery of such economy energy. The Seller will supply economy energy up to the agreed amount of the transaction from power sources available for such supply, subject to the conditions, that in the judgment of the selling Party: (a) such supply will not result in impairment or jeopardy of service in its system; and (b) adequate transmission capacity is available in system interconnections, and in affected internal transmission, after allowing for other transactions simultaneously scheduled over the same transmission system. In the event Seller loses a major generating unit source of supply, or a transmission facility, and determines it can no longer continue the delivery of economy energy, the Buyer shall, as soon as possible, supply its own energy requirements. Seller shall give Buyer at least thirty (30) minutes notice prior to interrupting the delivery of economy energy to the Buyer.

SECTION C.5 - Confirmation: Each transaction shall be documented by the Buying Party within twenty-four (24) hours via teletype or logged telephone confirmation of date, time span, quantity, price and negotiating representatives of each Party.

SECTION C.6 - Basis for Settlement: The basis of settlement for economy energy hereunder shall be at the rate determined to be one-half (0.5) the sum of (a) the cost as defined in SECTION C.3.1 incurred in supplying such energy and (b) the value as defined in SECTION C.3.2 of such energy to the buying Party.

IN WITNESS WHEREOF, the Parties hereto have caused this Service Schedule C to be executed by their duly authorized officers, and copies delivered to each Party, as of the day and year first above stated.

ATTEST:

City of Kissimmee

By

Carl H. Lamm
City Manager

By

J.C. Clemons
Mayor

ATTEST:

Orlando Utilities Commission

By

[Signature]
Secretary

By

[Signature]
President

SERVICE SCHEDULE D

FIRM ELECTRIC SERVICE

IT IS AGREED this Service Schedule D will be effective under, and a part of, the CONTRACT dated March 8, 1977 for interconnection and electric service supplied between the City of Kissimmee and the Orlando Utilities Commission, hereinafter referred to as the "CONTRACT".

SECTION D.1 - Term: The term of this Service Schedule D shall be concurrent with and identical to the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION D.2 - Firm Electric Service: Firm electric service shall mean capacity and the accompanying energy whereby one Party (Seller) shall deliver to the other Party (Buyer) after commitment certain quantities of capacity and the accompanying energy. The Buyer will normally supply to the Seller, during the commitment period, an advance daily schedule of capacity and accompanying energy to be delivered hereunder. The Seller shall make every effort to conform with the Buyer's daily schedules up to the amount of the firm electric service commitment.

SECTION D.3 - Firm Service Commitments: Each Party will determine its needs for and availability of firm interchange service from time to time and will negotiate with the other Party for such service. To the extent that such service is requested by one Party and is desired to be made available by the other Party, a commitment shall be made between the Parties hereto for such service.

Each firm interchange service commitment shall not exceed a term of thirty-six (36) months, nor be less than a term of twelve (12) months. Any such commitment shall be evidenced by duplicate copies of a letter of commitment from the Buyer to the Seller and signed by the Buyer, which documents shall provide appropriate space thereon for acceptance by the Seller and which shall be signed in duplicate by the Seller within 30 days as evidence of such acceptance and one copy thereof returned to Buyer.

SECTION D.4 - Payment for Service: For firm electric service made available from one Party to the other, the Buyer shall pay to the Seller each month an amount for capacity and energy computed at the following monthly charges:

- D.4.1 Capacity - The capacity charge shall be negotiated for each firm electric service commitment and such charges shall be set forth in the letter of commitment referred to in SECTION D.3.

D.4.2 Energy - The energy charge shall be negotiated for each firm electric service commitment and such charges shall be set forth in the letter of commitment referred to in SECTION D.3.

SECTION D.5 - Capacity Billing: Capacity billing hereunder shall be the firm electric service capacity commitment in megawatts (MW) as established in SECTION D.3, unless adjusted as set forth in

SECTION D.6 - Billing Adjustments Within Contract Period: In the event the Parties have reached an agreement upon the terms of a commitment under this Service Schedule D and the Buyer requests the Seller to deliver power up to the amount of the then established billing commitment, which power, after reasonable notice (minimum of four hours) from the Buyer to the Seller, Seller fails to make available, the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is willing and able to make available (for billing adjustments under this section, a day shall consist of 1/30 of a month).

It is the intent of the Parties that malfunctions of system facilities shall be considered reasonably beyond the control of either Party. In the event of such malfunctions to the Seller's equipment during the term of a firm electric service commitment, if the Seller is unable to deliver power up to the amount of the firm electric service commitment, then the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is willing and able to make available. If after a malfunction, the Seller is able to resume delivery of the full amount of the firm electric service and the Buyer agrees to such resumption, then there shall be no adjustment to the capacity billing.

The time intervals for determining the billing adjustment shall be the sixty (60) minute integrated power demand between the clock hours. It is agreed telemetered readings may be used for this purpose.

IN WITNESS WHEREOF, the Parties hereto have caused this Service Schedule D to be executed by their duly authorized officers, and copies delivered to each Party, as of the day and year first above stated.

ATTEST:

City of Kissimmee

BY

Carl H. Lamer
City Manager

BY

J. C. Clemons
Mayor

ATTEST:

Orlando Utilities Commission

BY

John W. ...
Secretary

BY

Jim S. ...
President

A. Hachmout C-7 I 20.1.1
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Type 2

CONTRACT FOR INTERCHANGE SERVICE BETWEEN

CITY OF GAINESVILLE, FLORIDA

AND

ORLANDO UTILITIES COMMISSION

SECTION 0.1 This CONTRACT made and entered into this 7th day of February, 1978 by and between the City of Gainesville, Florida, a municipal corporation organized and existing under the laws of the State of Florida, herein referred to as the "CITY" and the Orlando Utilities Commission owned by the City of Orlando, Florida and operated under charter from the State of Florida, herein referred to as the "COMMISSION".

W I T N E S S E T H

SECTION 0.2 WHEREAS, the parties hereto operate electric systems which are indirectly electrically interconnected through the electric transmission systems of others, and

SECTION 0.3 WHEREAS, the parties hereto deem it desirable that this contract be made for the interchange of electric capacity and energy through the systems of others, and

SECTION 0.4 WHEREAS, such interchange through the systems of others is permitted under electric tariffs on file with the Federal Energy Regulatory Commission and

SECTION 0.5 WHEREAS, such interchange may be beneficial to all parties involved, and

SECTION 0.6 WHEREAS, each party desires to establish the terms and conditions of such interchange of electric capacity and energy for its respective system;

SECTION 0.7 NOW, THEREFORE, in consideration of the foregoing and of the mutual benefits to be obtained from the covenants herein, the parties hereto do hereby agree as follows:

ARTICLE I

TERM OF CONTRACT

SECTION 1.1 - Term: The term of this CONTRACT shall commence on the 7th day of February, 1978, and shall continue in effect until canceled by either party upon one year's written notice to the other party; provided however that the term of this contract shall not be for a period less than the term of any service schedule commitment hereunder.

ARTICLE II

INTERCHANGE OF CAPACITY AND ENERGY

SECTION 2.1 - Interchange: It is recognized that interchange of various specific classes of service can be made by each party to the other in furtherance of the purposes of this contract. Either party desiring delivery of capacity or energy may request same from time to time, and the party receiving such request shall promptly consider the request and inform the other party as to the extent to which the request will be granted, and schedules of delivery shall thereby be mutually agreed upon.

ARTICLE III

OPERATION

SECTION 3.1 - Accessory Facilities: The parties hereto will provide communication, telemetering, generation control equipment and/or such other facilities for dispatching purposes and for control of power flow and flow of reactive KVA as is now or may hereafter reasonably be required in accordance with good, modern practice, as determined by the Committee provided for in Section 3.3.

SECTION 3.2 - Parties Responsible: Each party hereto shall provide, operate, and maintain at its own cost and expense, such of the equipment and facilities as may be used pursuant to the foregoing provisions of this ARTICLE III.

SECTION 3.3 - Operating Committee: Each party shall appoint a representative and an alternate to the Operating Committee, and so notify the other party. This Committee shall meet at the request of either party, at a time and place agreed upon by the members and review the duties set forth herein. Each representative and alternate shall be a responsible person working with the day-to-day operations of each respective power system. This Committee shall represent the parties in all matters arising under this CONTRACT which may be delegated to it by mutual agreement of the parties hereto. Each party shall cooperate in providing to the Operating Committee all information required in the performance of its duties. Such duties shall include; but are not limited to, the following:



- (1) Preparation of Operation and Maintenance Schedules.
- (2) Preparation of Control and Operating Procedures.
- (3) Supervision of Interchange Accounting Functions.
- (4) Negotiations for Electric Service Commitments under all Service Schedules as authorized by the respective governing commissions.

If the Operating Committee is unable to agree on any matter falling under its jurisdiction, such matter shall be referred by the members of the Operating Committee to their Principals for decision. All commitments and agreements made by the Committee shall be evidenced in writing.

SECTION 3.4 - Regulation of Transfer of Power and Energy: The parties hereto agree that it is the responsibility of each party to operate in a manner to provide for its own system load at all times, except as otherwise provided herein or as mutually agreed, and to hold deviations from net scheduled deliveries to a minimum. To this end, each party shall provide and operate automatic generation control equipment in accordance with standard practice so as to avoid making objectionable demands upon other systems during normal operation.

SECTION 3.5 - Disturbances: Each party shall, insofar as practicable, so protect, operate and maintain its system and facilities as to avoid disturbances which might cause impairment to service in the systems of other parties.

SECTION 3.6 - Transfer of Power and Energy Through Other Systems: Since the systems of the parties hereto are now directly interconnected with other systems, it is recognized that because of the physical and electrical characteristics of the facilities involved, any interchange of power will flow from one party through other systems to the other party. In such cases, the parties agree to endeavor to make satisfactory arrangements with other systems for such deliveries and transfers so as not to burden such third parties and to maintain good relationships with affected third parties for the overall coordinated bulk power system in Florida.

Each party, whether buyer or seller, shall also use its best efforts to maintain at all times, satisfactory relationships with other systems to which the respective systems are interconnected, including arrangements for third party protection and compensation.



ARTICLE IV

ELECTRIC SERVICE

SECTION 4.1 - Electric Service: It is recognized that transactions under the various specific classes of service and the rates applicable to each class of electric service must necessarily depend upon the conditions existing from time to time. The sales and purchases under specific classes of electric service and the terms, arrangements and rates applicable thereto are set forth in various Service Schedules, which Schedules, when executed by the parties hereto shall become a part of this CONTRACT. These Service Schedules are respectively referred to as:

Service Schedule A - Emergency Interchange Service

Service Schedule B - Short Term Firm Interchange Service

Service Schedule C - Economy Energy Interchange Service

Service Schedule D - Firm Interchange Service

Additional Service Schedules may be added from time to time as mutually agreed to by the parties to this contract.

SECTION 4.2 - Scheduled Deliveries: It is recognized that both the CITY and the COMMISSION maintain multiple interconnections with other utilities. For this reason the actual flow of power into or out of a system would be the net flow measured at several metering points. Therefore due to the difficulty of obtaining these metered values and making them agree with scheduled values, unless otherwise agreed upon, all billings shall be in accordance with scheduled deliveries rather than actual metered net interchange of power. The difference between scheduled deliveries and actual net deliveries shall be determined at the end of each hour of the scheduled delivery, and the difference, so determined, shall be classed as inadvertent interchange (Section 4.3) and shall be adjusted, as nearly as practicable, during the following hour, or at some other mutually acceptable time.

SECTION 4.3 - Inadvertent Transfer of Electric Energy: Inadvertent transfer of energy is a transfer of energy between systems at variance with the scheduled delivery as a result of the inherent physical and electrical characteristics of the systems, limitations in the equipment used to control the flow of power between the systems or limitations in the operation of such equipment, or as a result of temporary arrangements for testing purposes.

Since the parties hereto are not directly interconnected, inadvertent energy is determined as the difference between scheduled deliveries and actual net deliveries as metered at their direct interconnections with other utilities. As obligated under their existing contracts with such other utilities, the parties agree to arrange for the return of inadvertent energy with affected third parties. Inadvertent energy shall be returned in kind at times mutually agreed upon in accordance with established electric utility operating practice in the State of Florida.

ARTICLE V

ELECTRIC GENERATING CAPACITY

SECTION 5.1 - Electric Generating Capacity to be Provided: Each party agrees to carry its proportionate share of the operating reserves as is currently established and recognized as good electric utility operating practice in the State of Florida.

ARTICLE VI

METERING PROVISIONS

The parties hereto have installed the necessary metering equipment to permit the determination of the amounts of electric power and energy transferred into or out of their systems through their direct interconnections with other utilities. Such metering is operated and maintained in accordance with the parties' existing interconnection contracts.

ARTICLE VII

BILLING AND PAYMENT

SECTION 7.1 - Presentation and Payment: When interchanges have occurred, each of the parties shall submit to the other, as promptly as possible after the first business day of each month, an interchange billing statement for the interchange transactions and the respective amounts due under the terms of this CONTRACT for the preceding calendar month. All invoices shall be due and payable within ten (10) days. To expedite billing, the most recent cost data will be used for the initial billing. An adjusted billing statement, if required to reflect the actual cost of the delivered energy, shall be issued within sixty (60) days. By definition, economy energy under Service Schedule C is not subject to such adjustment.

SECTION 7.2 - Disputed Bill: In case any portion of any bill is in bona fide dispute, the undisputed amount shall be payable when due. Upon determination of the correct amount, the remainder, if any, shall be paid promptly.

ARTICLE VIII

FORCE MAJEURE AND INDEMNIFICATION

SECTION 8.1 - Force Majeure: In case either party hereto should be delayed in or prevented from performing or carrying out any of the agreements, covenants, and obligations made by and imposed upon said party by this CONTRACT, including all covenants and obligations made in the attached Exhibit(s) and Service Schedules, by reason of or through strike, stoppage in labor, failure of contractors or suppliers of materials, riot, fire, flood, ice, invasion, civil war, commotion, insurrection, military or

usurped power, order of any court granted in any bona fide adverse legal proceedings or action, order of any civil or military authority either de facto or de jure, explosion, act of God or the public enemies or any cause reasonably beyond its control and not attributable to its neglect; then and in such case or cases, both parties shall be relieved of performance under this agreement and shall not be liable to the other party for or on account of any loss, damage, injury, or expense resulting from or arising out of such delay or prevention; provided, however, that the party suffering such delay or prevention shall use due and practicable diligence to remove the cause or causes thereof; and provided, further, that neither party shall be required by the foregoing provisions to settle a strike except when, according to its own best judgment, such a settlement seems advisable.

SECTION 8.2 - Responsibility and Indemnification: Each party hereto expressly agrees to indemnify and save harmless and defend the other against all claims, demands, costs, or expense for loss, damage, or injury to persons or property, in any manner directly or indirectly connected with or growing out of the generation, transmission, or use of electric capacity and energy, unless such claim or demand shall arise out of or result from the negligence or wilful misconduct of the other party, its agents, servants, or employees; provided, however, that neither party shall be responsible for damage or injury to employees of the other party whenever said other party's employees are on first party's premises. Further, this CONTRACT in no way creates a contractual relationship of one party with the customer of another party neither does it create a duty thereto.

ARTICLE IX

MISCELLANEOUS

SECTION 9.1 - Waivers: Any waiver at any time, by any party hereto of its rights with respect to the other party or with respect to any matter arising in connection with this CONTRACT shall not be considered a waiver with respect to any subsequent default or matter.

SECTION 9.2 - Successors and Assigns: This CONTRACT shall inure to the benefit of and be binding upon the parties hereto, their respective successors and assigns, and shall not be assignable by either party without the written consent of the other party except as to a successor in the operation of its properties by reason of a merger, consolidation, sale or foreclosure where substantially all such properties are acquired by such a successor.

SECTION 9.3 - Notices: Any notice, demand, or request required or authorized by this CONTRACT shall be deemed properly given if mailed, postage prepaid, to the CITY MANAGER, CITY OF GAINESVILLE, P. O. BOX 490, GAINESVILLE, FLORIDA, 32602 in the case of the CITY and to the ORLANDO UTILITIES COMMISSION, P. O. BOX 3193, ORLANDO, FLORIDA, 32802 in the case of the COMMISSION, or to such other person as may be designated by the CITY or the COMMISSION. The designation of the person to be notified or the address of such person may be changed by the CITY or the COMMISSION at any time, or from time to time, by similar notice.

SECTION 9.4 - Tax Adjustment: To the capacity (when applicable) and energy charges of all Service Schedules shall be added the applicable proportionate part of any taxes and assessments (except State or Federal Income Taxes), imposed by any governmental authority in excess of those in effect as of the date of this CONTRACT which are assessed on the basis of meters or customers, or the price of or revenue from electric energy or service sold, or the quantity of energy purchased or generated for sale or sold. In the event either party pays a "gross receipts tax" to the State of Florida in respect to interchanges hereunder, the party making such tax payment shall be fully reimbursed by the party purchasing the electric energy.

IN WITNESS WHEREOF, the parties hereto have caused this CONTRACT to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

ORLANDO UTILITIES COMMISSION

BY: [Signature]

Secretary

BY: [Signature]

President

ATTEST:

CITY OF GAINESVILLE, FLORIDA

BY: [Signature]

Clerk of the Commission

BY: [Signature]

Mayor-Commissioner

Approved as to form and correctness

By [Signature]

Osee R. Fagan, City Attorney
City of Gainesville, Florida

SERVICE SCHEDULE A

EMERGENCY INTERCHANGE SERVICE

IT IS AGREED this Service Schedule A will be effective under, and part of, the CONTRACT dated February 7, 1978 for electric service between the City of Gainesville, Florida and the Orlando Utilities Commission hereinafter referred to as the "CONTRACT".

SECTION A.1 - Term: The term of this Service Schedule A shall be concurrent with and identical to the term stipulated in Section 1.1 of the CONTRACT.

SECTION A.2 - Emergency Interchange Service: Emergency Interchange Service, for the purpose of this Schedule, shall mean emergency power supplied by one party (Seller) to the other party (Buyer) for use under emergency conditions, when the Buyer, due to causes beyond its control, is temporarily unable to supply capacity and energy for all its customers from normally available sources. When an emergency condition arises on the system of the Buyer, the Seller shall supply requested emergency power from its available sources not otherwise committed to the extent that, in the sole judgment of the Seller, the generation and the delivery of such power will not jeopardize service to Seller's customers or reliability of Seller's system. It is agreed that a condition of deficiency in power supply of either of the parties hereto occasioned by shortages of system facilities, water, fuel or other supplies, which has resulted from failure to follow recognized good engineering or operating practice, shall not be considered an emergency condition for the purpose of this Service Schedule A.

It is understood and agreed that the capacity and energy received by either party under emergency conditions, when the period of such receipt of capacity and energy is less than sixty (60) minutes, shall be classified as inadvertent transfer of electric energy and shall be treated as set forth in Section 4.3, Article IV, of the CONTRACT, of which this Service Schedule is a part. Provided however that all energy supplied by combustion turbines under this Service Schedule A shall be classified as emergency interchange service.

If the taking hereunder of power during an emergency shall be for a period of sixty (60) minutes or more, all of the capacity and energy taken under this service schedule during the emergency shall be treated as emergency interchange service, as provided for under this Service Schedule A.

It is also understood and agreed that the duration of emergency interchange service, as provided for under this Service Schedule A, shall not exceed seventy-two (72) consecutive hours for any single emergency after which time capacity and energy, if available, will be supplied under other service schedules.

SECTION A.3 - Wheeling: It shall be the responsibility of the Buyer to make arrangements for transfer of capacity and energy through intervening systems. The cost, if any, of such transfer shall be paid by the Buyer.

SECTION A.4 - Payment for Emergency Interchange Service: Emergency Interchange Service received by the Buyer shall be accounted for by payment as defined below. Operating and accounting records will provide the basis for determination of such charges. Prices for this service, based on the most recent cost data, shall be readily available to the other party upon request.

A.4.1 Payment - It is understood and agreed that the price of energy sold under this Service Schedule A shall be based on the additional cost to the seller of generating the energy. Receiving party shall pay supplying party for energy received as emergency interchange service as follows:

A.4.1.1 Fossil Steam Energy - For energy supplied from an assigned fossil steam generating unit(s), an amount per mWh delivered equal to the sum of the following items:

- a) Supplying party's replacement cost of fuel used to generate the energy, in dollars per million BTUs, times the current month's average net heat rate of the respective unit(s) used to generate the energy, in million BTUs per mWh.
- b) Most recent 12 month average fossil steam production operating and maintenance expense, excluding fuel, for the unit(s) used to generate the energy.
- c) Compensation for transmission losses incurred by the transaction, based on most recent load flow data to determine transmission loss as a percentage of the transaction (%L). Using (a) and (b) above,

$$(c) = \left((a) + (b) \right) \left(\frac{(\%L + 100)}{1 - (\%L + 100)} \right)$$

A.4.1.2 Combustion Turbine Energy - For energy supplied from an assigned combustion turbine unit(s), an amount per mWh delivered equal to the sum of the following items:

- a) Supplying party's replacement cost of fuel oil used to generate the energy, in dollars per million BTUs, times the current month's average net heat rate of the combustion turbine unit(s) used to generate the energy, in million BTUs per mWh.
- b) Most recent 12 month average combustion turbine operating expense, excluding fuel and maintenance.
- c) Average life cycle combustion turbine maintenance cost or expense.
- d) Compensation for transmission losses incurred by the transaction, based on most recent load flow data to determine transmission loss as a percentage of the transaction (%L). Using (a), (b) and (c) above,

$$(d) = ((a) + (b) + (c)) \left(\frac{(\%L + 100)}{1 - (\%L + 100)} \right)$$

A.4.2 Additional Costs - Whenever, in order to supply the emergency needs of the Buyer, the Seller is subjected to normal additional costs such as for starting, banking or shutdown or any other normal additional costs incurred by the transaction, the Buyer shall be advised and mutually agreeable adjustments to the charges shall be determined by the parties hereto.

A.4.3 Limited Cost Data - It is the intent of both parties to develop and maintain necessary data that is required to determine payment for Emergency Electric Service Energy; however, when the Seller's expense data is limited or not available (as specified in this section), the Buyer shall be advised prior to such transaction and charges shall be determined as mutually agreed by the parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule A to be executed by their duly authorized officers, and copies delivered to each party, as of the date and year first above stated.

ATTEST:

ORLANDO UTILITIES COMMISSION

BY: [Signature]
Secretary

BY: [Signature]
President

ATTEST:

CITY OF GAINESVILLE, FLORIDA

BY: [Signature]
Clerk of the Commission

BY: [Signature]
Mayor-Commissioner

Approved as to form and correctness

By [Signature] by [Signature]
Osee R. Fagan, City Attorney
City of Gainesville, Florida

SERVICE SCHEDULE B

SHORT TERM FIRM INTERCHANGE SERVICE

IT IS AGREED this Service Schedule B will be effective under, and a part of, the CONTRACT dated February 7, 1978 for electric service between the City of Gainesville, Florida and the Orlando Utilities Commission hereinafter referred to as the "CONTRACT".

SECTION B.1 - Term: The term of this Service Schedule B shall be concurrent with and identical to the term stipulated in Section 1.1 of the CONTRACT.

SECTION B.2 - Short Term Firm Interchange Service: Short Term Firm Interchange Service for the purpose of this Schedule shall mean the capacity and energy supplied by one party (Seller) to the other party (Buyer) for use during periods of routine, or emergency, overhaul and maintenance of facilities, or short term periods of deficiency on the Buyer's system. Any reserve requirement associated with this firm delivery shall be the responsibility of the Buyer. It is intended that the parties hereto will schedule maintenance of facilities in advance, and, insofar as possible, during off-peak periods, and the parties will reasonably coordinate their respective maintenance periods to their mutual convenience so that reliable service on both systems can be assured.

SECTION B.3 - Short Term Firm Interchange Service Commitments: Each Short Term Firm Electric Interchange Commitment shall be made between Operating Committee authorized representatives and evidenced by teletype, or written request and commitment, which shall document the starting date, number of consecutive days, quantity, current price, and negotiating representatives of each party. The Buyer shall normally give the Seller ~~eight (8) hours advance notice of his daily capacity and energy requirements.~~

SECTION B.4 - Payment for Short Term Firm Interchange Service: For Short Term Firm Interchange Service made available by one party to the other, payment shall be made as defined below. Operating and accounting Records will provide the basis for determination of such charges. Prices for this service, based on the most recent cost data, shall be readily available to the other party upon request.

3.4.1 Payment - Buyer shall pay Seller for Short Term Interchange Service as follows:

3.4.1.1 Capacity - Annual cost (per MW) of capital revenue requirements for the production facilities used to provide the capacity, adjusted to the Seller's point(s) of interconnection, divided by 365 (days per year).

PLUS

B.4.1.2 Fossil Steam Energy - For energy supplied from an assigned fossil steam generating unit(s), an amount per mWh delivered equal to the sum of the following items:

- a) Supplying party's replacement cost of fuel used to generate the energy, in dollars per million BTUs, times the current month's average net heat rate of the respective unit(s) used to generate the energy, in million BTUs per mWh.
- b) Most recent 12 month average fossil steam production operating and maintenance expense, excluding fuel, for the unit(s) used to generate the energy.
- c) Administrative and general expenses as allocated to interchange energy based on the most recent 12 month data.
- d) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent 12 month data.
- e) Compensation for transmission losses incurred by the transaction, based on most recent load flow data to determine transmission loss as a percentage of the transmission (%L). Using (a), (b), (c) and (d) above,

$$(e) = \left((a) + (b) + (c) + (d) \right) \left(\frac{(\%L \div 100)}{1 - (\%L \div 100)} \right)$$

B.4.1.3 Combustion Turbine Energy - For energy supplied from an assigned combustion turbine unit(s), an amount per mWh delivered equal to the sum of the following items:

- a) Supplying party's replacement cost of fuel oil used to generate the energy, in dollars per million BTUs, times the current month's average net heat rate of the combustion turbine unit(s) used to generate the energy, in million BTUs per mWh.
- b) Most recent 12 month average combustion turbine operating expense excluding fuel and maintenance.
- c) Average life cycle combustion turbine maintenance expense.

- d) Administrative and general expenses as allocated to interchange energy, based on the most recent 12 month data.
- e) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent 12 month data.
- f) Compensation for transmission losses incurred by the transaction, based on most recent load flow data to determine transmission loss as a percentage of the transaction (%L). Using (a), (b), (c), (d) and (e) above,

$$(f) = \left((a) + (b) + (c) + (d) + (e) \right) \left(\frac{(\%L \div 100)}{1 - (\%L \div 100)} \right)$$

B.4.2 Additional Costs - Whenever, in order to supply the Short Term Firm Interchange needs of the Buyer, the Seller is subjected to normal additional costs such as for starting, banking, or shutdown, or any other normal additional cost incurred by the transaction, the Buyer shall be advised and mutually agreeable adjustments to the charges shall be determined by the parties hereto.

B.4.3 Limited Cost Data - It is the intent of both parties to develop and maintain necessary data that is required to determine payment for Short Term Firm Electric Service Energy; however, when the Seller's expense data is limited or not available (as specified in this section), the Buyer shall be advised prior to such transaction and charges shall be determined as mutually agreed by the parties hereto.

SECTION B-5 - Billing Adjustments - Capacity billing hereunder shall mean the capacity, expressed in MW, which the Seller agrees to furnish and the Buyer agrees to pay for in accordance with Section B.3. If, at any time, the Buyer is receiving power under the provisions of Section 3.2 above, and the actual supply of power to the Buyer exceeds the scheduled capacity because of limitations of the control system to accurately control the flow of power to the exact amount scheduled, no capacity charge for such excess power flow shall be made. If the Seller is unable to deliver the contracted capacity for any day, the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is able to deliver. Such adjustment shall be documented via teletype in accordance with Section B.3. If, within two hours after an equipment malfunction, the Seller is able to resume delivery of the previously scheduled amount of capacity, then there shall be no adjustment to the billing. However, after a longer period of interruption, if the Seller is able to resume the scheduled delivery and the Buyer agrees to such resumption, then there shall be no adjustment to the billing.



SECTION B.6 - Wheeling: It shall be the responsibility of the Buyer to make arrangements for the transfer of capacity and energy through inter-vening systems. The cost of such transfer shall be paid by the Buyer.

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule B to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

ORLANDO UTILITIES COMMISSION

BY:

[Signature]
Secretary

BY:

[Signature]
President

ATTEST:

CITY OF GAINESVILLE, FLORIDA

BY:

[Signature]
Clerk of the Commission

BY:

[Signature]
Mayor-Commissioner

Approved as to form and correctness

By *[Signature]*
Osee R. Fagan, City Attorney
City of Gainesville, Florida

SERVICE SCHEDULE C

ECONOMY INTERCHANGE ELECTRIC SERVICE

IT IS AGREED this Service Schedule C will be effective under, and a part of, the CONTRACT dated February 7, 1978 for electric service between the City of Gainesville, Florida and the Orlando Utilities Commission hereinafter referred to as the "CONTRACT".

SECTION C.1 - Term: The term of this Service Schedule C shall be concurrent with and identical to the term stipulated in Section 1.1 of the CONTRACT.

SECTION C.2 - Economy Interchange Service: The purpose of Service Schedule C is to provide for non-firm short-term energy interchange between the parties hereto, and to establish the terms and conditions of such energy interchanges. It is the intent of the CONTRACT that the parties engaging in economy interchange under this Service Schedule C shall share equally in the benefits derived from the interchange.

The type of energy interchange provided for will be that commonly known as economy interchange, and the energy so interchanged shall mean electric energy which is surplus at the time to the needs of the selling party and which is economically usable on the system of the buyer.

It is understood and agreed that a party is entitled to receive energy hereunder only to the extent that such party has alternate dependable capacity available to it that would otherwise be used and that can be brought on line within the time limitation mutually agreed upon with respect to each transaction under this Service Schedule C.

SECTION C.3 - Information on Economy Interchange: Each party will, upon request of another party, furnish information with respect to generating capacity, energy, and time span for which economy interchange supply might be available. This information will include the Cost, as later defined, of economy energy the seller can make available. The buyer shall furnish the Value, as later defined, of economy energy it can utilize. Such information may be furnished by communication between Operating Representatives of the parties.

C.3.1 Cost - For any economy interchange transaction hereunder, the Cost of economy energy shall mean the incremental expense, as determined by the seller, which it would incur in supplying economy energy hereunder. This incremental expense shall reflect both the incremental expense of generating the energy or obtaining the energy from another source, including such cost, if any, of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.2 Value - For any economy interchange transaction hereunder, the Value of the economy energy shall mean the incremental expense, as determined by the buyer, which it would incur if the economy energy were not to be received. This incremental expense shall reflect both the incremental expense of generating or obtaining the energy from another source, including such cost, if any, of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.3 Wheeling Costs - It shall be the responsibility of the buyer to make the arrangements and the payments for the transfer of energy through intervening systems. It is understood, however, that the basis for settlement as defined in SECTION C.7 will result in the buyer and seller sharing equally in wheeling costs.

C.3.4 Additional Costs - When, in order to carry out the economy interchange, the buyer or seller is subjected to additional costs normally associated with starting, banking or shutdown of units, or any other such costs, which are incurred by reason of the transaction, the buyer and seller shall share equally in such additional costs.

SECTION C.4 - Annual Review: From time to time, but not less than once each year, the Operating Committee shall review the methods and basis used by each party to determine the above Cost and Value. Each party shall be the judge of the capacity available to supply economy energy from its system and of commitments to other systems which may have priority over the economy energy supply hereunder.

SECTION C.5 - Supply: Each economy interchange transaction shall be agreed upon by the Operating Representatives prior to commencement of delivery of such economy energy. The seller will supply economy energy up to the agreed amount of the transaction from power sources available for such supply, subject to the conditions, that in the judgment of the seller: (a) such supply will not result in impairment or jeopardy of service in its system; and (b) adequate transmission capacity is available in system interconnections, and in affected internal transmission, after allowing for other transactions simultaneously scheduled over the same transmission system.

In the event seller loses a major generating unit, source of supply, transmission facility, or other emergency conditions arise, and is no longer able to provide economy energy, the seller shall be relieved of his obligation to continue providing economy energy and the buyer shall be immediately responsible for the supply of his own energy requirements.



SECTION C.6 - Confirmation: Each transaction shall be documented by the buying party within twenty-four (24) hours via teletype or logged telephone confirmation of date, time span, quantity, price and negotiating representatives of each party.

SECTION C.7 - Basis for Settlement: The basis of settlement for economy energy hereunder shall be at the rate determined to be one-half (0.5) the sum of: (a) the cost as defined in SECTION C.3.1 incurred in supplying such energy, plus (b) the value as defined in SECTION C.3.2 of such Energy to the buying party minus (c) wheeling costs as defined in paragraph C.3.3.

Any additional costs incurred by reason of the transaction, as defined in SECTION C.3.4, shall be shared equally by the Buyer and Seller.

IN WITNESS WHEREOF, the Parties hereto have caused this Service Schedule C to be executed by their duly authorized officers, and copies delivered to each Party, as of the day and year stated below.

ATTEST:

ORLANDO UTILITIES COMMISSION

BY:

[Signature]
Secretary

BY:

[Signature]
President

ATTEST:

CITY OF GAINESVILLE, FLORIDA

BY:

[Signature]
Clerk of the Commission

BY:

[Signature]
Mayor-Commissioner

Approved as to form and correctness

[Signature]
Osce R. Fagan, City Attorney
City of Gainesville, Florida

SERVICE SCHEDULE D

FIRM INTERCHANGE SERVICE

IT IS AGREED this Service Schedule D will be effective under, and a part of the CONTRACT dated February 7, 1978 for electric service between the City of Gainesville, Florida and the Orlando Utilities Commission, hereinafter referred to as the "CONTRACT".

SECTION D.1. - Term: The term of this Service Schedule D shall be concurrent with and identical to the term stipulated in Section 1.1 of the Contract.

SECTION D.2 - Firm Interchange Service: Firm Interchange Service shall mean capacity and the accompanying energy whereby one party (Seller) shall deliver to the other party (Buyer) after commitment certain quantities of capacity and the accompanying energy. The Buyer will normally supply to the Seller, during the commitment period, an advance daily schedule of capacity and accompanying energy to be delivered hereunder. The Seller shall make every effort to conform with the Buyer's daily schedules up to the amount of the firm electric service commitment.

SECTION D.3 - Firm Service Commitments: Each party will determine its needs for and availability of firm interchange service from time to time and will negotiate with the other party for such service. To the extent that such service is requested by one party and is desired to be made available by the other party, a commitment shall be made between the parties hereto for such service.

Each firm interchange service commitment shall not exceed a term of thirty-six (36) months, nor be less than a term of twelve (12) months. Any such commitment shall be evidenced by duplicate copies of a letter of commitment from the Buyer to the Seller and signed by the Buyer, which documents shall provide appropriate space thereon for acceptance by the Seller and which shall be signed in duplicate by the Seller within thirty (30) days as evidence of such acceptance and one copy thereof returned to the Buyer.

SECTION D.4 - Payment for Service: For firm interchange service made available from one party to the other, the Buyer shall pay to the Seller each month an amount for capacity and energy computed at the following monthly charges:

- D.4.1 Capacity - The capacity charge shall be negotiated for each firm electric service commitment and such charges shall be set forth in the letter of commitment referred to in Section D.3.

D.4.2 Energy - The energy charge shall be negotiated for each firm interchange service commitment and such charges shall be set forth in the letter of commitment referred to in Section D.3.

SECTION D.5 - Capacity Billing: Capacity billing hereunder shall be the firm interchange service capacity commitment in megawatts (MW) as established in Section D.3, unless adjusted as set forth in Section D.7.

SECTION D.6 - Wheeling: It shall be the responsibility of the Buyer to make arrangements for transfer of capacity and energy through intervening systems. The cost of such transfer shall be paid by the Buyer.

SECTION D.7 - Billing Adjustments Within Contract Period: In the event the parties have reached an agreement upon the terms of a commitment under this Service Schedule D and the Buyer requests the Seller to deliver power up to the amount of the then established billing commitment, which power, after reasonable notice (minimum of eight hours) from the Buyer to the Seller, Seller fails to make available, the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is willing and able to make available (for billing adjustments under this section, a day shall consist of 1/30 of a month).

It is the intent of the parties that malfunctions of system facilities shall be considered reasonably beyond the control of either party. In the event of such malfunctions to the Seller's equipment during the term of a firm electric service commitment, if after two hours the Seller is unable to deliver power up to the amount of the firm electric service commitment, then the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is willing and able to make available. If, after a malfunction, the Seller is able to resume delivery of the full amount of the firm electric service and the Buyer agrees to such resumption, then there shall be no adjustment to the capacity billing.

The time intervals for determining the billing adjustment shall be the sixty (60) minute integrated power demand between the clock hours. It is agreed telemetered readings may be used for this purpose.

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule D to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

ORLANDO UTILITIES COMMISSION

BY:

[Signature]
Secretary

BY:

[Signature]
President

ATTEST:

CITY OF GAINESVILLE, FLORIDA

BY:

[Signature]
Clerk of the Commission

BY:

[Signature]
Mayor-Commissioner

Approved as to form and correctness

By *[Signature]*
Osce R. Fagan, City Attorney
City of Gainesville, Florida

Attachment C-8
b.l.c.

CONTRACT FOR INTERCHANGE SERVICE BETWEEN

CITY OF ST. CLOUD

AND

ORLANDO UTILITIES COMMISSION

SECTION 0.1 This CONTRACT made and entered into this 30th day of April 1975 by and between the City of St. Cloud, Florida, a municipal corporation organized and existing under the laws of the State of Florida, herein referred to as the "CITY" and the Orlando Utilities Commission owned by the City of Orlando, Florida and operated under charter from the State of Florida, herein referred to as the "COMMISSION".

WITNESSETH

SECTION 0.2 WHEREAS, the parties hereto operate electric systems which are indirectly electrically interconnected through the electric transmission systems of others, and

SECTION 0.3 WHEREAS, the parties hereto deem it desirable that this contract be made for the interchange of electric capacity and energy through the systems of others, and

SECTION 0.4 WHEREAS, such interchange may be beneficial to all parties involved, and

SECTION 0.5 WHEREAS, each party desires to establish the terms and conditions of such interchange of electric capacity and energy for its respective system;

SECTION 0.6 NOW, THEREFORE, in consideration of the foregoing and of the mutual benefits to be obtained from the covenants herein, the parties hereto do hereby agree as follows:

ARTICLE I

TERM OF CONTRACT

SECTION 1.1 - Term: The term of this CONTRACT shall commence on the 30th day of April 1975, and shall continue in effect until cancelled by either party upon one year's written notice to the other party, provided however that the term of this contract shall not be for a period of less than the term of any service schedule commitment hereunder.

ARTICLE II

INTERCHANGE OF CAPACITY AND ENERGY

SECTION 2.1 - Interchange: It is recognized that interchange of various specific classes of service can be made by each party to the other in furtherance of the purposes of this contract. Either party desiring delivery of capacity or energy may request same from time to time, and the party receiving such request shall promptly consider the request and inform the other party as to the extent to which the request will be granted, and schedules of delivery shall thereby be mutually agreed upon.

ARTICLE III

OPERATION

SECTION 3.1 - Accessory Facilities: The parties hereto will provide communication, telemetering, generation control equipment and/or such other facilities for dispatching purposes and for control of power flow and flow of reactive KVA as is now or may hereafter reasonably be required in accordance with good, modern practice, as determined by the Committee provided for in Section 3.3.

SECTION 3.2 - Parties Responsible: Each party hereto shall provide, operate, and maintain at its own cost and expense, such of the equipment and facilities as may be used pursuant to the foregoing provisions of this ARTICLE III.

SECTION 3.3 - Operating Committee: Each party shall appoint a representative and an alternate to the Operating Committee, and so notify the other party. This Committee shall meet at the request of either party, at a time and place agreed upon by the members and review the duties set forth herein. Each representative and alternate shall be a responsible person working with day-to-day operations of each respective power system. This Committee shall represent the parties in all matters arising under this CONTRACT which may be delegated to it by mutual agreement of the parties hereto. Each party shall cooperate in providing to the Operating Committee all information required in the performance of its duties. Such duties shall include; but are not limited to, the following:

- (1) Preparation of Operation and Maintenance Schedules.
- (2) Preparation of Control and Operating Procedures.
- (3) Supervision of Interchange Accounting Functions.
- (4) Negotiations for Electric Service Commitments under all Service Schedules.
- (5) Negotiations for Additions, Changes, or Modifications to this CONTRACT and Service Schedules.

If the Operating Committee is unable to agree on any matter falling under its jurisdiction, such matter shall be referred by the members of the Operating Committee to their Principals for decision. Failure of the Principals to agree on any matter referred to them shall not constitute a basis for cancellation of this CONTRACT. All commitments and agreements made by the Committee shall be evidenced in writing.

SECTION 3.4 - Regulation of Transfer of Power and Energy: The parties hereto agree that it is the responsibility of each party to operate in a manner to provide for its own system load at all times, except as otherwise provided herein or as mutually agreed, and to hold deviations from net scheduled deliveries to a minimum. To this end, each party shall provide and operate automatic generation control equipment in accordance with standard practice so as to avoid making objectionable demands upon other systems during normal operation.

SECTION 3.5 - Disturbances: Each party shall, insofar as practicable, so protect, operate and maintain its system and facilities as to avoid disturbances which might cause impairment to service in the systems of other parties.

SECTION 3.6 - Transfer of Power and Energy Through Other Systems: Since the systems of the parties hereto are now directly interconnected with other systems, it is recognized that because of the physical and electrical characteristics of the facilities involved, any interchange of power will flow from one party through other systems to the other party. In such cases, the parties agree to endeavor to make satisfactory arrangements with other systems for such deliveries and transfers so as not to burden such third parties and to maintain good relationships with affected third parties for the overall coordinated bulk power system in Florida.

Each party, whether buyer or seller, shall also use its best efforts to maintain at all times, satisfactory relationships with other systems to which the respective systems are interconnected, including arrangements for third party protection and compensation.

ARTICLE IV.

ELECTRIC SERVICE

SECTION 4.1 - Electric Service: It is recognized that transactions under the various specific classes of service and the rates applicable to each class of electric service must necessarily depend upon the conditions existing from time to time. The sales and purchases under specific classes of electric service and the terms, arrangements and rates applicable thereto are set forth in various Service Schedules, which Schedules, when executed by the parties hereto shall become a part of this CONTRACT. These Service Schedules are respectively referred to as:

Service Schedule A - Emergency Interchange Service

Service Schedule B - Short Term Firm Interchange Service

Service Schedule C - Economy Energy Interchange Service

Service Schedule D - Firm Interchange Service

SECTION 4.2 - Scheduled Deliveries: It is recognized that both the CITY and the COMMISSION maintain multiple interconnections with other utilities. For this reason the actual flow of power into or out of a system would be the net flow measured at several metering points. Therefore, due to the difficulty of obtaining these metered values and making them agree with scheduled values, unless otherwise agreed upon, all billings shall be in accordance with scheduled deliveries rather than actual metered net interchange of power. The difference between scheduled deliveries and actual net deliveries shall be determined at the end of each hour of the scheduled delivery, and the difference, so determined, shall be classed as inadvertent interchange (Section 4.3) and shall be adjusted, as nearly as practicable, during the following hour, or at some other mutually acceptable time.

SECTION 4.3 - Inadvertent Transfer of Electric Energy: Inadvertent transfer of energy is a transfer of energy between the systems of the parties hereto at variance with the scheduled delivery as a result of the inherent physical and electrical characteristics of the systems, limitations in the equipment used to control the flow of power between the systems or limitations in the operation of such equipment, or as a result of temporary arrangements for testing purposes. Inadvertent energy shall be returned in kind at times mutually agreed upon. Since the parties hereto are not directly interconnected, Inadvertent Energy is determined as the difference between scheduled deliveries and actual net deliveries as metered at their direct interconnections with other utilities. As obligated under their existing contracts with such other utilities, the parties agree to arrange for the return of Inadvertent with affected third parties.

ARTICLE V

ELECTRIC GENERATING CAPACITY

SECTION 5.1 - Electric Generating Capacity to be Provided: Each party agrees to carry its proportionate share of the operating reserves as established from time to time and recognized as good electric utility operating practice in the State of Florida.

ARTICLE VI

METERING PROVISIONS

SECTION 6.1 - Metering: The parties hereto have installed the necessary metering equipment to permit the determination of the amounts of electric power and energy transferred into or out of their systems through their direct interconnections with other utilities. Such metering is operated and maintained in accordance with the parties' existing interconnection contracts.

ARTICLE VII

BILLING AND PAYMENT

SECTION 7.1 - Presentation and Payment: When interchanges have occurred, each of the parties shall submit to the other, as promptly as possible after the first business day of each month, an interchange billing statement for the interchange transactions and the respective amounts due under the terms of this CONTRACT for the preceding calendar month. All invoices shall be due and payable within ten

(10) days. To expedite billing, the most recent cost data will be used for the initial billing. An adjusted billing statement, if required to reflect the actual cost of the delivered energy, shall be issued within sixty (60) days. By definition, economy energy under Service Schedule C is not subject to such adjustment.

SECTION 7.2 - Disputed Bill: In case any portion of any bill is in bona fide dispute, the undisputed amount shall be payable when due. Upon determination of the correct amount, the remainder, if any, shall be paid promptly.

ARTICLE VIII

FORCE MAJEURE AND INDEMNIFICATION

SECTION 8.1 - Force Majeure: In case a party hereto should be delayed in or prevented from performing or carrying out any of the agreements, covenants, and obligations made by and imposed upon said party by this CONTRACT, including all covenants and obligations made in the attached Exhibit(s) and Service Schedules, by reason of or through strike, stoppage in labor, failure of contractors or suppliers of materials, riot, fire, flood, ice, invasion, civil war, commotion, insurrection, military or usurped power, order of any court granted in any bona fide adverse legal proceedings or action, order of any civil or military authority either de facto or de jure, explosion, act of God or the public enemies or any cause reasonably beyond its control and not attributable to its neglect; then and in such case or cases; both parties shall be relieved of performance under this agreement and shall not be liable to the other party for or on account of any loss, damage, injury, or expense resulting from or arising out of such delay or prevention; provided, however, that the party suffering such delay or prevention shall use due and practicable diligence to remove the cause or causes thereof; and provided, further, that no party shall be required by the foregoing provisions to settle a strike except when according to its own best judgement, such a settlement seems advisable.

SECTION 8.2 - Responsibility and Indemnifications: The buying party expressly agrees to indemnify and save harmless and defend the selling party against all claims, demands, costs, or expenses for loss, damage, or injury to persons or property, in any manner directly or indirectly connected with or growing out of the generation, transmission or use of electric power and energy sold pursuant to this AGREEMENT, which occur beyond any of the selling party's points of ownership, unless such claim or demand shall arise out of or result from the negligence or willful misconduct of the selling party, its agents, servants, or employees; provided, however, that neither party shall be responsible for damage or injury to employees of the other party whenever said other party's employees are on the said other party's premises. Further, this AGREEMENT in no way creates a contractual relationship of one party with a customer of another party; neither does it create a duty thereto.

ARTICLE IX

MISCELLANEOUS

SECTION 9.1 - Waivers: Any waiver at any time by any party hereto of its rights with respect to the other party or with respect to any matter arising in connection with this CONTRACT shall not be considered a waiver with respect to any subsequent default or matter.

SECTION 9.2 - Successors and Assigns: This CONTRACT shall inure to the benefit of and be binding upon the parties hereto, their respective successors and assigns, and shall not be assignable by either party without the written consent of the other party, except as to a successor in the operation of its property by reason of a merger, consolidation, sale or foreclosure where substantially all such properties are acquired by such a successor.

SECTION 9.3 - Notices: Any notice, demand, or request required or authorized by this CONTRACT shall be deemed properly given if mailed, postage prepaid, to the City of St. Cloud, 1300 Ninth St., St. Cloud, Florida 32769 in the case of the CITY; and to the Orlando Utilities Commission, P.O. Box 3193, Orlando, Florida, 32802 in the case of the COMMISSION, or to such other person as may be designated by the CITY or the COMMISSION. The designation of the person to be notified or the address of such person may be changed by the CITY or the COMMISSION at any time, or from time to time, by similar notice.

SECTION 9.4 - Tax Adjustments: To the capacity (when applicable) and energy charge of all Service Schedules shall be added the applicable proportionate part of any taxes and assessments (except State or Federal Income Taxes), imposed by any government authority in excess of those in effect as of the date of this CONTRACT which are assessed on the basis of meters or customers, or the price of or revenue from electric energy or service sold, or the quantity of energy purchased or generated for sale or sold. In the event either party pays a "gross receipts tax" the State of Florida in respect to interchanges hereunder, the party making such tax payment shall be fully reimbursed by the party purchasing the electric energy.

IN WITNESS WHEREOF, the parties hereto have caused this CONTRACT to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

BY

Walt Dauter
City Manager

CITY OF ST. CLOUD

BY

Sara S. Lewis
Mayor

ATTEST:

BY

Robert B. ...
Secretary

ORLANDO UTILITIES COMMISSION

BY

James B. Bryan
President

APPROVED AS TO FORM:

BY:

Thomas Gurney
Gurney, Gurney, & Handley
Attorneys for the Commission

APPROVED AS TO FORM:

BY:

R. Stephen Miles, Jr.
R. Stephen Miles, Jr., Esq.
City Attorney

SERVICE SCHEDULE A

EMERGENCY INTERCHANGE SERVICE

IT IS AGREED that this Service Schedule A will be effective under, and a part of, the Contract for Interchange Service dated April 30, 1979, between the CITY OF ST. CLOUD, FLORIDA, and ORLANDO UTILITIES COMMISSION, hereinafter referred to as the "CONTRACT".

SECTION A.1 - Term: The term of this Service Schedule A shall commence on the 30th day of April, 1979, and shall continue in effect for the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION A.2 - Emergency Interchange Service: Emergency Interchange Service, for the purpose of this Schedule, shall mean emergency power supplied by one party (Seller) to the other party (Buyer) for use under emergency conditions, when the Buyer, due to causes beyond its control, is temporarily unable to supply capacity and energy for all its customers from normally available firm sources. When an emergency condition arises on the system of the Buyer, the Seller shall supply requested emergency power from its available sources not otherwise committed to the extent that, in the sole judgment of the Seller, the generation and/or purchase and the delivery of such power will not jeopardize service to Seller's customers or reliability of Seller's system.

It is agreed that a condition of deficiency in power supply of either of the parties hereto occasioned by shortage of system facilities, water, fuel, or other supplies, which has resulted from failure to follow recognized good engineering or operating practice, shall not be considered an emergency condition for the purpose of this Service Schedule A.

It is understood and agreed that the capacity and energy received by either party under emergency conditions, when the period of such receipt of capacity and energy is less than sixty (60) minutes, shall be classified as inadvertent interchange of energy and shall be treated as set forth in SECTION 4.3, ARTICLE IV, of the CONTRACT, however, at the Seller's option, energy supplied by combustion turbines under this Service Schedule A may be classified as Emergency Interchange Service. If the taking hereunder of power during an emergency shall be for a period of sixty (60) minutes or more, all of the capacity and energy taken during the emergency shall be treated as Emergency Interchange Service, as provided for under this Service Schedule A.

It is also understood and agreed that the obligation to supply Emergency Interchange Service, as provided for under this Service Schedule A, shall not exceed the seventy-two (72) hour period immediately following the occurrence of the emergency, after which capacity and energy, if available, will be supplied under other Service Schedules.

SECTION A.3 - Wheeling: It shall be the responsibility of the Buyer to make arrangements for transfer of capacity and energy through intervening systems. The cost, if any, of such transfer shall be paid by the Buyer.

SECTION A.4 - Payment for Emergency Interchange Service: Emergency Interchange Service received by the Buyer shall, at the option of the Seller, be accounted for: (1) by return of the energy in kind within the current billing period at mutually agreeable times (i.e., when the value of the capacity and energy to the party which supplied the emergency interchange service is substantially equal to the cost of the corresponding capacity and energy delivered); or (2) by payment at the rate or rates below. Operating and accounting records will provide the basis for determination of rates below. Prices for this service, based on the most recent cost data, shall be readily available to the other party upon request. The party which received the emergency interchange service shall make the arrangement for and pay the costs, if any, of wheeling for returning energy in kind.

A.4.1 Payment - Buyer shall pay Seller for Emergency Interchange Service as follows:

A.4.1.1 Fossil Steam Energy - For energy supplied from an assigned fossil steam generating unit(s) an amount per MWH delivered equal to the sum of the following items:

- (a) Fuel cost, equal to the replacement cost of fuel used to generate the energy in dollars per million Btu's times average net operating heat rate of the unit(s) assigned to generate the energy, in million Btu's per net MWH. Replacement cost of fuel is defined as the average invoice cost of fuel for fossil steam units, excluding gas, that was received at the respective plant during the month in which the energy was delivered (hereinafter referred to as the "delivery month"), including average transportation and handling costs. If there were no shipments received at the respective plant during the delivery month, the Seller's contract price for such fuel plus average transportation and handling cost shall be used. Average net operating heat rate is defined as the unit's average net heat rate for the delivery month, the calculation of which is based on net output and fuel consumption during operation periods only, with gas consumption, if any, being adjusted to an oil equivalent basis.
- (b) Latest available 12-month average fossil steam production operation and maintenance expense, excluding fuel, for the plant of the unit(s) assigned to generate the energy.
- (c) Compensation for transmission losses, based on the most recent calendar year data for average

transmission loss percentage (%L). Using (a) and (b) above,

$$(c) = \left[(a) + (b) \right] \frac{\left[\frac{(\%L \div 100)}{1 - (\%L \div 100)} \right]}$$

- (d) Administrative and general expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.
- (e) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

A.4.1.2 Combustion Turbine Energy - For energy supplied from an assigned combustion turbine plant, and amount per MWH delivered equal to the sum of the following items:

- (a) Fuel cost, equal to the replacement cost of fuel used to generate the energy, in dollars per million Btu's times average net heat rate of the combustion turbine plant assigned to generate the energy, in million Btu's per net MWH. Replacement cost of fuel is defined as the average invoice cost of fuel for combustion turbine units, excluding gas, that was received at the respective plant during the delivery month, including average transportation and handling costs. If there were no shipments received at the respective plant during the delivery month, the Seller's contract price for such fuel plus average transportation and handling cost shall be used. Average net heat rate is defined as the plant's average net heat rate for the delivery month, the calculation of which is based on total net output and total fuel consumption, with gas consumption, if any, being adjusted to an oil equivalent basis.
- (b) Latest available 12-month average combustion turbine operation and maintenance expense, excluding fuel, for the type units assigned to generate the energy.
- (c) Compensation for transmission losses, based on the most recent calendar year data for average transmission loss percentage (%L). Using (a) and (b) above,

$$(c) = \left[(a) + (b) \right] \frac{\left[\frac{(\%L \div 100)}{1 - (\%L \div 100)} \right]}$$

(d) Administrative and general expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

(e) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

A.4.2 Start-up Cost - If the Seller is required to start up a fossil steam unit(s) to supply Emergency Interchange Service, any additional cost so incurred shall be included in the payment schedule in A.4.1 above.

A.4.3 Purchased Power Cost - If the Seller purchases capacity and/or energy from other parties for the supply of Emergency Interchange Service, the charge reflected in the payment schedule provided pursuant to A.4.1 shall be the sum of the following items:

(a) Seller's cost of such purchased capacity and/or energy.

(b) Compensation for transmission losses, based on the most recent calendar year data for average transmission loss percentage (%L). Using (a) above,

$$(b) = (a) \left[\frac{(\%L \div 100)}{1 - (\%L \div 100)} \right]$$

(c) Administrative and general expenses as allocated to the transmission function for interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

(d) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

A.4.4 Assignment of units and Fuels - Assigned unit(s) is defined as the highest fuel cost unit(s) operating at the time of the interchange transaction with an output level equal to or greater than the transaction level. Assigned fuel is that identified by the Seller as being used as a result of the transaction. Assigned units may be priced at a fuel cost higher than that actually being used at the time of the transaction as long as the following provisions are met:

1) The heat rate to be used in the transaction billing shall be that of the assigned unit adjusted for the assigned fuel being priced.

- 2) Sufficient assigned fuel must actually be consumed by the Seller during the month in an amount equal to or greater than that necessary to generate the energy involved in the interchange transaction.

Failure of this provision will cause assignment of the next lower cost unit(s) meeting the above criteria.

A.4.5 Annual Review - Each year prior to May 1, the rates for A.4.1.1 (c), (d), and (e); A.4.1.2 (c), (d), and (e); A.4.3 (b), (c), and (d) above shall be reviewed and updated by the Operating Committee. Such rates shall apply for the succeeding year (May through April).

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule A to be executed by their duly authorized officers, and copies delivered to each party, as of the date and year first above stated.

ATTEST:

BY Walt Dantley
City Manager

CITY OF ST. CLOUD

BY Sara S. Lewis
Mayor

ATTEST:

BY Ed S. Foster
Secretary

ORLANDO UTILITIES COMMISSION

BY Robert C. Bryan
President

APPROVED AS TO FORM:

BY J. Thomas Gurney
Gurney, Gurney, & Handley
Attorneys for the Commission

APPROVED AS TO FORM:

R. Stephen Miles, Jr.
R. Stephen Miles, Jr., Esq.
City Attorney

SERVICE SCHEDULE B

SHORT TERM FIRM INTERCHANGE SERVICE

IT IS AGREED that this Service Schedule B will be effective under, and a part of, the CONTRACT for Interchange Service dated April 30, 1979 between the City of St. Cloud, Florida and the Orlando Utilities Commission, hereinafter referred to as the "CONTRACT".

SECTION B.1 - Term: The term of this Service Schedule B shall commence on the 30th day of April, 1979, and shall continue in effect for the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION B.2 - Short-Term Firm Interchange Service: Short-Term Firm Interchange Service, for the purpose of this Schedule, shall mean the capacity and energy supplied by one party (Seller) to the other party (Buyer) for use during short-term periods. Short-term period for the purpose of this Schedule shall mean a period of less than twelve (12) months. Each party will determine its needs for Short-Term Firm Interchange Service from time to time and, to the extent that such service is requested by one party and is desired to be made available by the other party, a commitment shall be made between the parties hereto for such service. The capacity and associated energy made available for Short-Term Firm Interchange Service is intended to be available at all times during the period covered by the Short-Term Firm Interchange Service commitment. However, any reserve requirement associated with this power delivery shall be the responsibility of the Buyer. It is intended that the parties hereto will schedule maintenance of facilities in advance, and, insofar as possible, during seasonal off-peak periods, and the parties will reasonably coordinate their respective maintenance periods to their mutual benefit so that reliable service on both systems can be assured.

SECTION B.3 - Short-Term Firm Interchange Service Commitments: Each Short-Term Firm Interchange Service commitment shall be made between operating representatives and evidenced by letter or teletype request and commitment, which shall document the starting date, number of consecutive days, quantity, expected rate(s) and operating representatives of each party. The Buyer shall normally arrange with the Seller for his daily capacity and energy requirements by 1500 hours (3 p.m.) of the day preceding the transaction.

SECTION B.4 - Payment for Short-Term Firm Interchange Service: For Short-Term Firm Interchange Service made available by one party to the other, payment shall be made at the rate or rates below. Operating and accounting records will provide the basis for determination of rates below. Prices for this service, based on the most recent cost data, shall be readily available to the other party upon request.

B.4.1 Payment. - Buyer shall pay Seller for Short-Term Firm Interchange Service as follows:

B.4.1.1 Capacity - For each MW of capacity committed by the Seller, a daily capacity charge equal to the levelized annual capital carrying charge rate for fossil production plant times the weighted average cost per MW of summer net continuous capability of fossil production plant, adjusted for transmission losses to point(s) of delivery, divided by 365 (days per year). The most recent calendar year data for the captial carrying charge rate, the average cost per MW of summer net continuous capability and the average transmission loss percentage shall be used.

PLUS

B.4.1.2 Fossil Steam Energy - For energy supplied from an assigned fossil steam-generating unit, an amount per net MWH delivered equal to the sum of the following items:

- (a) Fuel cost, equal to the replacement cost of fuel used to generate the energy, in dollars per million Btu's, times average net operating heat rate of the unit(s) assigned to generate the energy, in million Btu's per net MWH. Replacement cost of fuel is defined as the average invoice cost of fuel for fossil steam units, excluding gas, that was received at the respective plant during the month in which the energy was delivered (hereinafter referred to as the "delivery month"), including average transportation and handling costs. If there were no shipments received at the respective plant during the delivery month, the Seller's contract price for such fuel plus average transportation and handling cost shall be used. Average net operating heat rate is defined as the unit's average net heat rate for the delivery month, the calculation of which is based on net output and fuel consumption during operation periods only, with gas consumption, if any, being adjusted to an oil equivalent basis.
- (b) Latest available 12-month average fossil steam production operation and maintenance expense, excluding fuel, for the plant of the unit assigned to generate the energy.
- (c) Compensation for transmission losses, based on the most recent calendar year data for average transmission loss percentage (%L). Using (a) and (b) above,

$$(c) = \left[(a) + (b) \right] \frac{\left[(\%L \div 100) \right]}{\left[1 - (\%L \div 100) \right]}$$

- (d) Administrative and general expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.
- (e) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

B.4.1.3 Combustion Turbine Energy - For energy supplied from an assigned combustion turbine plant, an amount per net MWH delivered equal to the sum of the following items:

(a) Fuel cost, equal to replacement cost of fuel used to generate the energy, in dollars per million Btu's, times average net heat rate of the combustion turbine plant assigned to generate the energy, in million Btu's per net MWH. Replacement cost of fuel is defined as the average invoice cost of fuel for combustion turbine units, excluding gas, that was received at the respective plant during the delivery month, including average transportation and handling costs. If there were no shipments received at the respective plant during the delivery month, the Seller's contract price for such fuel plus average transportation and handling cost shall be used. Average net heat rate is defined as the plant's average net heat rate for the delivery month, the calculation of which is based on total net output and total fuel consumption, with gas consumption, if any, being adjusted to an oil equivalent basis.

(b) Latest available 12-month average combustion turbine operation and maintenance expense, excluding fuel, for the type units assigned to generate the energy.

(c) Compensation for transmission losses; based on the most recent calendar year data for average transmission loss percentage (%L). Using (a) and (b) above,

$$(c) = \left[(a) + (b) \right] \left[\frac{(\%L \div 100)}{1 - (\%L \div 100)} \right]$$

(d) Administrative and general expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

(e) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

B.4.2 Start-up Cost - If the Seller is required to start up a fossil steam unit(s) to supply Scheduled Interchange Service, any additional cost so incurred shall be included in the payment schedule in B.4.1 above.

B.4.3 Purchased Power Cost - If the Seller purchases energy from other parties for the supply of Short-Term Firm Interchange Service, the charge reflected in the payment schedule provided pursuant to B.4.1 shall be the sum of the following items:

(a) Seller's cost of such purchased energy.

(b) Compensation for transmission losses, based on the most recent calendar year data for average transmission loss percentage (%L). Using (a) above,

$$(b) = (a) \frac{[\cdot (\%L \div 100)]}{[1 - (\%L \div 100)]}$$

(c) Administrative and general expenses as allocated to the transmission function for interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

(d) Transmission operation and maintenance expenses as allocated to interchange energy, based on the most recent calendar year data, adjusted for transmission losses.

B.4.4 Assignment of Units and Fuels - Assigned unit(s) is defined as the highest fuel cost unit(s) operating at the time of the interchange transaction with an output level equal to or greater than the transaction level. Assigned fuel is that identified by the seller as being used as a result of the transaction. Assigned units may be priced at a fuel cost higher than that actually being used at the time of the transaction as long as the following provisions are met:

1) The heat rate to be used in the transaction billing shall be that of the assigned unit adjusted for the assigned fuel being priced.

2) Sufficient assigned fuel must actually be consumed by the seller during the month in an amount equal to or greater than that necessary to generate the energy involved in the interchange transaction.

Failure of this provision will cause assignment of the next lower cost unit(s) meeting the above criteria.

B.4.5 Annual Review - Each year, prior to May 1, the rates for B.4.1.1, B.4.1.2 (c), (d), and (e); B.4.1.3 (c), (d), and (e); B.4.3 (b), (c) and (d) above shall be reviewed and updated by the Operating Committee. Any such revised capacity charge rate of B.4.1.1 shall become effective in accordance with its acceptance for filing by the Federal Energy Regulatory Commission or its successor. Other such rates shall apply for the succeeding year (May through April).

SECTION 2.5 - Billing Adjustment: Capacity billing hereunder shall mean the capacity, expressed in MW which the Seller agrees to furnish and the Buyer agrees to pay for in accordance with SECTION B.3. If, at any time, the Buyer is receiving power under the provisions of SECTION 3.2 above, and the actual supply of power to the Buyer exceeds the scheduled capacity because of limitations of the control system to accurately control the flow of power to the exact amount scheduled, no capacity charge for such excess power flow shall be made. If the Seller is unable to deliver the contracted capacity for any part of the committed time period, the capacity billing for that day(s) on which such reduction occurred shall be adjusted downward to a lesser figure representing the quantity which the Seller is able to deliver. Such adjustments shall be documented via teletype in accordance with SECTION B.3. However, after a period of interruption, if the Seller is able to resume the scheduled delivery and the Buyer agrees to such resumption; then there shall be no adjustment to the capacity billing for that day.

SECTION 3.6 - Wheeling: It shall be the responsibility of the Buyer to make arrangements for the transfer of capacity and energy through intervening systems. The cost of such transfer shall be paid by the Buyer.

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule B to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

BY

Walt Douglas
City Manager

CITY OF ST. CLOUD

BY

Sara S. Lewis
Mayor

ATTEST:

BY

Robert L. Cantor
Secretary

ORLANDO UTILITIES COMMISSION

BY

Frank B. Bryan
President

APPROVED AS TO FORM:

BY:

J. Van Turner
Gurney, Gurney, & Handley
Attorneys for the Commission

APPROVED AS TO FORM:

R. Stephen Miles, Jr., Esq.
R. Stephen Miles, Jr., Esq.

SERVICE SCHEDULE C

ECONOMY ENERGY INTERCHANGE ELECTRIC SERVICE

IT IS AGREED this Service Schedule C shall be effective under, and a part of, the CONTRACT for Interchange Service dated April 30, 1979 between the CITY OF ST. CLOUD, FLORIDA and the ORLANDO UTILITIES COMMISSION, hereinafter referred to as the "CONTRACT".

SECTION C.1 - Term: The term of this Service Schedule C shall be concurrent with and identical to the term stipulated in Section 1.1 of the CONTRACT.

SECTION C.2 - Economy Energy Interchange Service: The purpose of Service Schedule C is to provide for non-firm short-term energy interchange between the parties hereto, and to establish the terms and conditions of such energy interchanges.

The types of energy interchange provided for will be that commonly known as economy energy interchange, and the energy so interchanged shall mean electric energy which is surplus at the time to the needs of the selling party and which is economically usable on the system of the buyer. It is the intent of the Contract that both parties engaging in Economy Energy Interchange under this Service Schedule C shall share equally in the benefits derived from such Interchange.

It is understood and agreed that a party is entitled to receive energy hereunder only to the extent that such party has alternate dependable capacity available to it that would otherwise be used.

SECTION C.3 - Information on Economy Energy Interchange: Each party will, upon request of the other party, furnish information with respect to generating capacity, energy, and time span for which economy energy interchange supply might be available. This information may be furnished by communication between Operating Representatives of the parties.

C.3.1 Cost - For any economy energy interchange transaction hereunder, the cost of economy energy shall mean the incremental expense, as determined by the Seller which it would incur in supplying economy energy hereunder. This incremental expense shall reflect both the incremental expense of generating the energy or obtaining the energy from another source, including such cost, if any, of placing units in operation and of the increment increase or decrease in system transmission losses attributable to the transaction.

C.3.2

Value - For any economy interchange transaction hereunder, the value of the economy energy shall mean the incremental expense, as determined by the Buyer, which it would incur if the economy energy were not to be received. This incremental expense shall reflect both the incremental expense of generating or obtaining the energy from another source, including the cost, if any, of placing plants or units in operation, and of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.3

Wheeling Costs - It shall be the responsibility of the Buyer to make arrangements for transfer of energy through intervening systems. The costs associated with such transfers shall be paid by the Buyer and subtracted from the Value to determine the Basis of Settlement defined in Section C.7.

SECTION C.4 - Annual Review: From time to time, but not less than once each year, the Operating Committee shall review the methods and basis used by each party to determine the above costs and values. Each party shall be the judge of the capacity available to supply economy energy from its system and of commitments to other systems which may have priority over the economy energy supply hereunder.

SECTION C.5 - Supply: Each economy interchange transaction shall be agreed upon by the Operating Representatives prior to commencement of delivery of such economy energy. The Seller will supply economy energy up to the agreed amount of the transaction from power sources available for when such supply, subject to the conditions, that in the judgement of the selling party: (a) such supply will not result in impairment of the selling of service in its system; and (b) adequate transmission capacity is available in system interconnections, and in affected internal transmission, after allowing for other transactions simultaneously scheduled over the same transmission system. In the event Seller loses a major generating unit source of supply, or a transmission facility, and determines it can no longer continue the delivery of economy energy, the Buyer shall, as soon as possible, supply its own energy requirements. Seller shall give Buyer at least thirty (30) minutes notice prior to interrupting the delivery of economy energy to the Buyer.

SECTION C.6 - Confirmation: Each transaction shall be documented by the buying party within twenty-four (24) hours via teletype or logged telephone confirmation of date, time span, quantity, price and negotiating representatives of each party.

SECTION C.7 - Basis for Settlement: The basis of settlement for economy energy hereunder shall be at the rate determined to be one-half (0.5) the sum of: (a) the cost as defined in SECTION C.3.1 incurred in supplying such energy, plus (b) the value as defined in SECTION C.3.2 of such Energy to the buying party, minus (c) wheeling cost as defined in SECTION C.3.3.

IN WITNESS WHEREOF, the Parties hereto have caused this Service Schedule C to be executed by their duly authorized officers, and copies delivered to each Party, as of the day and year first above stated.

ATTEST:

CITY OF ST. CLOUD

BY: Walt Dentler
City Manager

BY: Sara S. Lewis
Mayor

ATTEST:

ORLANDO UTILITIES COMMISSION

BY: Cliff Smith
Secretary

BY: Frank C. Bryan
President

APPROVED AS TO FORM:

APPROVED AS TO FORM:

BY: [Signature]
Gurney, Gurney, & Handley
Attorneys for the Commission

[Signature]
R. Stephen Miles, Jr., Esq.
City Attorney

SERVICE SCHEDULE D

FIRM INTERCHANGE SERVICE

IT IS AGREED that this Service Schedule D will be effective under, and a part of, the CONTRACT for Interchange Service dated April 30, 1979, between the CITY OF ST. CLOUD, FLORIDA and the ORLANDO UTILITIES COMMISSION, hereinafter referred to as the "CONTRACT".

SECTION 1 - Term: The term of this Service Schedule D shall be concurrent with and identical to the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION D.2 - Firm Interchange Service: Firm interchange service shall mean that quantity of capacity and energy supplied by one party (Seller) to the other party (Buyer) in accordance with a specific negotiated commitment. The Buyer will provide the Seller, during the commitment period, an advance daily forecast of capacity and accompanying energy to be delivered. The Buyer shall make a reasonable effort to conform to the forecast and notify Seller, as soon as possible of any revisions. The forecast will be coordinated by 1500 hours prior to the day capacity and energy is needed. On the delivery date, Seller will have 30 minutes to initiate scheduled amounts within the forecast period or lose the daily demand charge. The Seller shall make every effort to conform with the Buyer's daily forecast up to the amount of the firm electric service commitment from all normally available generating resources. If the Buyer does not purchase the energy scheduled for a given day, any actual additional costs incurred by the Seller in having the scheduled capacity available shall, at the option of the Seller, be included in the payment schedule.

SECTION D.3 - Firm Service Commitments: Each party will determine its needs for and availability of firm interchange service from time to time and will negotiate with the other party for such service. To the extent that such service is requested by one party and is desired to be made available by the other party, a commitment shall be made between the parties hereto for such service. Each firm interchange service commitment shall not exceed a term of thirty-six (36) months, nor be less than a term of twelve (12) months. Any such commitment shall be evidenced by duplicate copies of a letter of commitment from the Buyer to the Seller and signed by the Buyer, which documents shall provide appropriate space thereon for acceptance by the Seller and which shall be signed in duplicate by the Seller within 30 days as evidence of such acceptance and one copy thereof returned to Buyer.

SECTION D.4 - Payment for Service: For firm interchange service made available from one party to the other, the Buyer shall pay to the Seller each month an amount for capacity and energy computed at the following monthly charges:

D.4.1 Capacity - The capacity charge shall be negotiated for each firm interchange service commitment and such charges shall be set forth in the letter of commitment referred to in SECTION D.3.

D.4.2 Energy - The energy charge shall be negotiated for such firm interchange service commitment and such charges shall be set forth in the letter of commitment referred to in SECTION D.3

SECTION D.5 - Capacity Billing: Capacity billing hereunder shall be the firm interchange service capacity commitment in megawatts (MW) as established in Section D.3, unless adjusted as set forth in SECTION D.7.

SECTION D.6 - Wheeling: It shall be the responsibility of the Buyer to make arrangements for transfer of capacity and energy through intervening systems. The cost of such transfer shall be paid by the Buyer.

SECTION D.7 - Billing Adjustments within Contract Period: In the event the Parties have reached an agreement upon the terms of a commitment under this Service Schedule D and the Buyer requests the Seller to deliver power up to the amount of the then established capacity billing commitment, which power, after reasonable notice from the Buyer to the Seller, Seller fails to make available, the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is willing and able to make available (for billing adjustments under this Section, a day shall consist of 1/365 of a year). Reasonable notice shall be defined as thirty (30) minutes within the forecast period and eight (8) hours for time external to the forecast period. It is the intent of the parties that malfunctions of system facilities shall be considered reasonably beyond the control of either party. However, in the event of such malfunctions to the Seller's equipment (or any of the events described in SECTION 8.1 of the contract of Interchange Service) during the term of a firm interchange service commitment, if after two (2) hours the Seller is unable to deliver power up to the amount of the firm interchange service commitment, then the capacity billing for that day shall be adjusted downward to a lesser figure representing the quantity which the Seller is willing and able to make available. If, after a malfunction or event, the Seller is able to resume delivery of the full amount of the firm interchange service commitment and the Buyer agrees to such resumption, then there shall be no adjustment to the capacity billing.

If at any time the Buyer is receiving power under the provisions of SECTION D.2 above, and the actual supply of power to the Buyer exceeds the then established capacity billing commitment because of the limitations of the control system to accurately control the flow of power to the exact amount scheduled, no capacity charge for such excess power flow shall be made.

If, in any day during the term of a firm interchange service commitment, there are circumstances to cause more than one adjustment to the capacity billing, that circumstance which results in the lowest capacity billing shall be the one upon which the billing adjustment shall be based.

The time intervals for determining the billing adjustment shall be the sixty (60) minute integrated power demand between the clock hours. It is agreed telemetered readings may be used for this purpose. Adjustments to the capacity billing in accordance with this SECTION D.7 shall be agreed to by the operating representative of each party and documented via teletype.

IN WITNESS WHEREOF, the parties hereto have caused this Service Schedule D to be executed by their duly authorized officers, and copies delivered to each party, as of the day and year first above stated.

ATTEST:

CITY OF ST. CLOUD

BY Walt Dantzer
City Manager

BY Said S Lewis
Mayor

ATTEST:

ORLANDO UTILITIES COMMISSION

BY [Signature]
Secretary

BY [Signature]
President

APPROVED AS TO FORM:

APPROVED AS TO FORM:

BY: [Signature]
Gurney, Gurney, & Handley
Attorneys for the Commission

[Signature]
R. Stephen Miles, Jr., Esq.
City Attorney

Attachment C-9 2/16/78

II. b.l.c.

Typ 4

CONTRACT FOR INTERCHANGE SERVICE

SECTION 0.1 - The undersigned municipal corporations hereby agree to the following contract and to those Service Schedules which have specifically been approved by each individual municipality.

WITNESSETH

SECTION 0.2 - WHEREAS, the parties hereto operate electric systems -- which are directly interconnected, or which are indirectly electrically interconnected through the electric transmission systems of others, and

SECTION 0.3 - WHEREAS, the parties hereto deem it desirable that this contract be made for the interchange of electric capacity and energy through the systems of others, and

SECTION 0.4 - WHEREAS, such interchange are generally beneficial to all parties involved, and

SECTION 0.5 - WHEREAS, each party desires to establish the term and conditions of such interchange of electric capacity and energy for its respective system;

SECTION 0.6 - NOW, THEREFORE, in consideration of the foregoing and of the mutual benefits to be obtained from the covenants herein, the parties hereto do hereby agree as follows:

ARTICLE I

TERM OF CONTRACT

SECTION 1.1 - Term: The initial term of this CONTRACT shall be for seven years (7) commencing on the 1st day of December, 1977, and shall be automatically extended for three (3) year periods thereafter. The contract may be cancelled by a party, with respect to that party, at any time after the initial term upon three years' written notice to the other parties, which notice may not be given until after the end of the initial term, provided, however, that the term of this Contract shall not be for a period less than the term of any Service Schedule commitment hereunder.

ARTICLE II

INTERCHANGE OF CAPACITY AND ENERGY

SECTION 2.1 - Interchange: It is recognized that interchange of various specific classes of service can be made by each party to the other in furtherance of the purposes of this Contract. A party desiring delivery of capacity and/or energy may request same from

time to time, and the party receiving such request shall promptly consider the request and inform the other party as to the extent to which the request will be granted, and the parties shall thereby agree upon schedules of delivery, consistent with the general terms and conditions of any Service Schedule hereunder.

ARTICLE III

OPERATION

SECTION 3.1 - Accessory Facilities: The parties hereto will provide communication, telemetering, generation control equipment and/or such other facilities for dispatching purposes and for control of power flow and flow of reactive KVA as is now or may hereafter reasonably be required in accordance with good, modern practice, as determined by the Committee provided for in SECTION 3.3.

SECTION 3.2 - Parties Responsible: Each party hereto shall provide, operate, and maintain at its own cost and expense, such of the equipment and facilities as may be used pursuant to the foregoing provisions of SECTION 3.1.

SECTION 3.3 - Operating Committee: Each party shall appoint a representative and an alternate to the Operating Committee, and so notify the other party. This Committee shall meet at the request of a party, at a time and place agreed upon by the members, and review the duties set forth herein. Each representative and alternate shall be a responsible person working with the day-to-day operations of each respective power system. This Committee shall represent the parties in all matters arising under this CONTRACT which may be delegated to it by mutual agreement of the parties hereto. Each party shall cooperate in providing to the Operating Committee all information required in the performance of its duties. Such duties shall include, but are not limited to, the following:

- 1) Preparation of Control and Operating Procedures.
- 2) Supervision of Interchange Accounting Functions.
- 3) Negotiations for Additions, Changes, or Modifications to this CONTRACT and Service Schedule(s).

If the Operating Committee is unable to agree on any matter falling under its jurisdiction, such matter shall be referred by the members of the Operating Committee to their Principals for decision. Failure of the Principals to agree on any matter referred to them shall not constitute a basis for cancellation of this CONTRACT. All commitments and agreements made by the Committee shall be evidenced in writing.

SECTION 3.4 - Regulation of Transfer of Power and Energy: The parties hereto agree that it is the responsibility of each party to operate its system and facilities in a manner to provide for its own system load at all times, except as otherwise provided herein or as mutually agreed upon, and to hold deviations from net scheduled

deliveries to a minimum. To this end, each party shall provide and operate manual and/or automatic generation control equipment in accordance with standard practice so as to avoid making objectionable demands upon other systems during normal operation.

SECTION 3.5 - Disturbances: Each party shall, insofar as practicable, so protect, operate and maintain its system and facilities as to avoid disturbances which might cause impairment to service in the systems of other parties.

SECTION 3.6 - Transfer of Power and Energy Through Other Systems: Since the systems of the parties hereto are now directly interconnected with other systems, it is recognized that because of the physical and electrical characteristics of the facilities involved, any interchange of power will flow from one party through other systems to the other party. In such cases, the parties agree to endeavor to make satisfactory arrangements with other systems for such deliveries and transfers so as not to burden such third parties and to maintain good relationships with affected third parties for the overall coordinated bulk power system in Florida.

Each party shall also use its best efforts to maintain at all times satisfactory relationships with other systems to which the respective parties are interconnected, and the buyer shall be responsible for and make arrangements for third party compensation.

ARTICLE IV

ELECTRIC SERVICE

SECTION 4.1 - Electric Service: It is recognized that transactions under specific classes of service and the rates applicable to each class of electric service must necessarily depend upon the conditions existing from time to time.

The sales and purchases under each class of electric service and the terms, arrangements and rates applicable thereto are set forth in the Service Schedules, which Schedules, when executed by the parties hereto, shall become a part of this CONTRACT. The Service Schedules initially made a part hereof include those from the listing referred to below which have been executed and appended hereto:

- Service Schedule A - Emergency Interchange Electric Service
- Service Schedule B - Short Term Firm Electric Service
- Service Schedule C - Economy Energy Interchange Electric Service
- Service Schedule D - Firm Electric Service
- Service Schedule E - Secondary Energy Electric Service
- Service Schedule F - Power Transmission Electric Service
- Service Schedule G - Reserve Capacity Electric Service

Additional Service Schedules may be added from time to time as mutually agreed to by the parties to this CONTRACT.

SECTION 4.2 - Scheduled Deliveries: It is recognized that the signatories hereto maintain interconnections with other utilities. For this reason the actual flow of power into or out of a system would be the net flow measured at several metering points. Therefore, due to the difficulty of obtaining these metered values and making them agree with scheduled value, unless otherwise agreed upon, all billings shall be in accordance with scheduled deliveries rather than actual metered net interchange of power. The parties hereto agree to hold the exchange of capacity and/or energy as close as possible to scheduled quantities. The difference between scheduled deliveries and actual net deliveries shall be determined at the end of each hour of the scheduled delivery, and the difference, so determined, shall be classed as inadvertent interchange (SECTION 4.3).

SECTION 4.3 - Inadvertent Transfer of Electric Energy: Inadvertent transfer of energy is a transfer of energy between the systems of the parties hereto and third party at variance with the scheduled delivery as a result of the inherent physical and electrical characteristics of the systems, limitations in the equipment used to control the flow of power between the systems or limitations in the operation of such equipment, or as a result of temporary arrangements for testing purposes. Inadvertent energy shall be returned in kind at times mutually agreed upon.

ARTICLE V

ELECTRIC GENERATING CAPACITY

SECTION 5.1 - Electric Generating Capacity to be Provided: Each party agrees to carry its proportionate share of the operating reserves as is currently established and recognized as good electric utility operating practice in the State of Florida.

ARTICLE VI

BILLING AND PAYMENT

SECTION 6.1 - Presentation and Payment: Each of the parties shall submit to the other, as promptly as practicable after the first of each month, an interchange billing statement and bill for the interchange transaction and the respective amount due under the terms of this CONTRACT for the preceding calendar month. This preceding calendar month shall hereinafter be referred to as the "delivery month." All such bills shall be due and payable within ten (10) days from the date of mailing (as determined by postmark) from the general office of the billing party, or such other office as may be designated in writing by the billing party. To expedite billing, the most recent cost data will be used for the initial billing. adjusted billing statement, if required to reflect the actual cost of delivered energy, shall be issued within sixty (60) days. By definition economy energy under Service Schedule C and secondary energy under Service Schedule E is not subject to such adjustment.

In case any portion of any bill is in bona fide dispute, the undisputed amount shall be payable when due. Upon determination of the correct amount, the remainder, if any, shall be paid promptly.

ARTICLE VII

FORCE MAJEURE AND INDEMNIFICATION

SECTION 7.1 - Force Majeure: In case a party hereto should be delayed in or prevented from performing or carrying out any of the agreements, covenants and obligations made by and imposed upon said party by this CONTRACT, including all covenants and obligations made in the attached Exhibit(s) and Service Schedules, by reason of or through strike, stoppage in labor, failure of contractors or suppliers of materials, riot, fire, flood, ice, invasion, civil war, commotion, insurrection, military or usurped power, order of any court granted in any bona fide adverse legal proceedings or action, order of any civil or military authority either de factor or de jure, explosion, act of God or the public enemies or any cause reasonably beyond its control and not attributable to its neglect; then and in such case or cases, the parties shall be relieved of performance under this Agreement and shall not be liable to the other parties for or on account of any loss, damage, injury, or expense resulting from or arising out of such delay or prevention; provided, however, that the party suffering such delay or prevention shall use due and practicable diligence to remove the cause or causes thereof; and provided, further, that no party shall be required by the foregoing provisions to settle a strike except when, according to its own best judgment, such a settlement seems advisable.

SECTION 7.2 - Responsibility and Indemnifications: The buying party expressly agrees to indemnify and save harmless and defend the selling party against all claims, demands, costs, or expenses for loss, damage, or injury to persons or property, in any manner directly or indirectly connected with or growing out of the generation, transmission or use of electric power and energy sold pursuant to this AGREEMENT, which occur beyond any of the selling party's points of ownership, unless such claim or demand shall arise out of or result from the negligence or willful misconduct of the selling party, its agents, servants, or employees; provided, however, that neither party shall be responsible for damage or injury to employees of the other party whenever said other party's employees are on the said other party's premises. Further, this AGREEMENT in no way creates a contractual relationship of one party with a customer of another party; neither does it create a duty thereto.

ARTICLE VIII

MISCELLANEOUS

SECTION 8.1 - Waivers: Any waiver at any time by any party hereto of its rights with respect to another party or with respect to any matter arising in connection with this CONTRACT shall not be considered a waiver with respect to any subsequent default or matter.

SECTION 8.2 - Successors and Assigns: This CONTRACT shall inure to the benefit of and be binding upon the parties hereto, their respective successors and assigns, and shall not be assignable to any party without the written consent of the other parties except as to a successor in the operation of its properties by reason of a merger, consolidation, sale or foreclosure where substantially all such parties are acquired by such a successor.

SECTION 8.3 - Notices: Any notice, demand, or request required or authorized by this CONTRACT shall be deemed property given if mailed, postage prepaid, to the designated official at the designated address set forth on the signature page for each signatory. The designation of the person to be notified or the address of such person may be changed at any time, or from time to time, by similar notice.

SECTION 8.4 - Tax Adjustment: To the capacity (when applicable) and energy charges of all Service Schedules shall be added the applicable proportionate part of any taxes and assessments (except State or Federal Income Taxes) imposed by any governmental authority in excess of those in effect as of the date of this CONTRACT which are assessed on the basis of meters or customers, or the price of or revenue from electric energy or service sold, or the quantity of energy purchased or generated for sale or sold. In the event a party pays a "gross receipts tax" to the State of Florida in respect to interchanges hereunder, the party making such tax payment shall be fully reimbursed by the party purchasing the electric energy.

IN WITNESS WHEREOF, the parties hereto have caused this CONTRACT to be executed by their duly authorized officers, and copies delivered to each party as of the day and year stated below:

ATTEST:

By

Angela R. Stevens

UTILITY: CITY OF VERO BEACH

By

Don C. Swindell

ADDRESS: P. O. BOX 1389

DATE:

ATTEST:

By

Norothy H. Cray

Assistant Secretary

UTILITY: ORLANDO UTILITIES COMMISSION

By

William H. ...

Executive Vice President

ADDRESS: P. O. BOX 3193

DATE: May 15, 1978

SERVICE SCHEDULE C

ECONOMY INTERCHANGE ELECTRIC SERVICE

IT IS AGREED this Service Schedule C will be effective under, and a part of, the CONTRACT commencing December 1, 1977 for electric service between the signatories of such contract hereinafter referred to as the "CONTRACT".

SECTION C.1 - Term: The term of this Service Schedule C shall be concurrent with and identical to the term stipulated in SECTION 1.1 of the CONTRACT.

SECTION C.2 - Economy Interchange Service: The purpose of Service Schedule C is to provide for non-firm short-term energy interchange between the parties hereto, and to establish the terms and conditions of such energy interchanges. It is the intent of the CONTRACT that the parties engaging in economy interchange under this Service Schedule C shall share equally in the benefits derived from the interchange.

The type of energy interchange provided for will be that commonly known as economy interchange, and the energy so interchanged shall mean electric energy which is surplus at the time to the needs of the selling party and which is economically usable on the system of the buyer. Cost, value and availability will be determined on an hour-by-hour basis.

It is understood and agreed that a party is entitled to receive energy hereunder only to the extent that such party has alternate dependable capacity available to it that would otherwise be used and that can be brought on line within the time limitation set by the selling party with respect to each transaction under this Service Schedule C.

SECTION C.3 - Information on Economy Interchange: Each party will, upon request of another party, furnish information with respect to generating capacity, energy, and time span for which economy interchange supply might be available. This information will include the Cost, as later defined, of economy energy the seller can make available. The buyer shall furnish the Value, as later defined, of economy energy it can utilize. Such information may be furnished by communication between Operating Representatives of the parties.

C.3.1 Cost - For any economy interchange transaction hereunder, the Cost of economy energy shall mean the incremental expense, as

determined by the seller, which it would incur in supplying economy energy hereunder. This incremental expense shall reflect both the incremental expense of generating the energy or obtaining the energy from another source, including such cost, if any, of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.2 Value - For any economy interchange transaction hereunder, the Value of the economy energy shall mean the incremental expense, as determined by the buyer, which it would incur if the economy energy were not to be received. This incremental expense shall reflect both the incremental expense of generating or obtaining the energy from another source, including such cost, if any, of the incremental increase or decrease in system transmission losses attributable to the transaction.

C.3.3 Wheeling Costs - It shall be the responsibility of the buyer to make the arrangements and the payments for the transfer of energy through intervening systems. It is understood, however, that the basis for settlement as defined in SECTION C.7 will result in the buyer and seller sharing equally in wheeling costs.

C.3.4 Additional Costs - When, in order to carry out the economy interchange, the buyer or seller is subjected to additional costs normally associated with starting, banking or shutdown of units, or any other such costs, which are incurred by reason of the transaction, then there shall be adjustment to the charges by mutually agreeable adjustment terms.

SECTION C.4 - Annual Review: From time to time, but not less than once each year, the Operating Committee shall review the methods and basis used by each party to determine the above Cost and Value. Each party shall be the judge of the capacity available to supply economy energy from its system and of commitments to other systems which may have priority over the economy energy supply hereunder.

SECTION C.5 - Supply: Each economy interchange transaction shall be agreed upon by the Operating Representatives prior to commencement of delivery of such economy energy. The seller will supply economy energy up to the agreed amount of the transaction from

power sources available for such supply, subject to the conditions, that in the judgment of the seller

- (a) such supply will not result in impairment or jeopardy of service in its system; and
- (b) adequate transmission capacity is available in system interconnections, and in affected internal transmission, after allowing for other transactions simultaneously scheduled over the same transmission system. For each transaction under this Service Schedule C, seller and buyer shall agree upon a schedule of deliveries and a time limitation on notice by the seller to the buyer prior to interrupting or terminating such deliveries, provided, however, in the event seller loses a major generating unit, source of supply, or a transmission facility, and determines it can no longer continue the delivery or economy energy, the buyer shall, as soon as possible, supply its own energy requirements.

SECTION C.6 - Confirmation: Each transaction shall be documented by the buying party within twenty-four (24) hours via teletype or logged telephone confirmation of date, time span, quantity, price and negotiating representatives of each party.

SECTION C.7 - Basis for Settlement: The basis of settlement for economy energy hereunder shall be at the rate determined to be one-half (0.5), the sum of: (a) the cost as defined in SECTION C.3.1 incurred in supplying such energy, plus (b) the value as defined in SECTION C.3.2 of such energy to the buying party minus (c) wheeling costs as defined in paragraph C.3.3.

The basis of settlement as determined above shall be adjusted in accordance with any additional costs as defined in SECTION C.3.4.

ATTEST:
By *Ray R. Stevens*

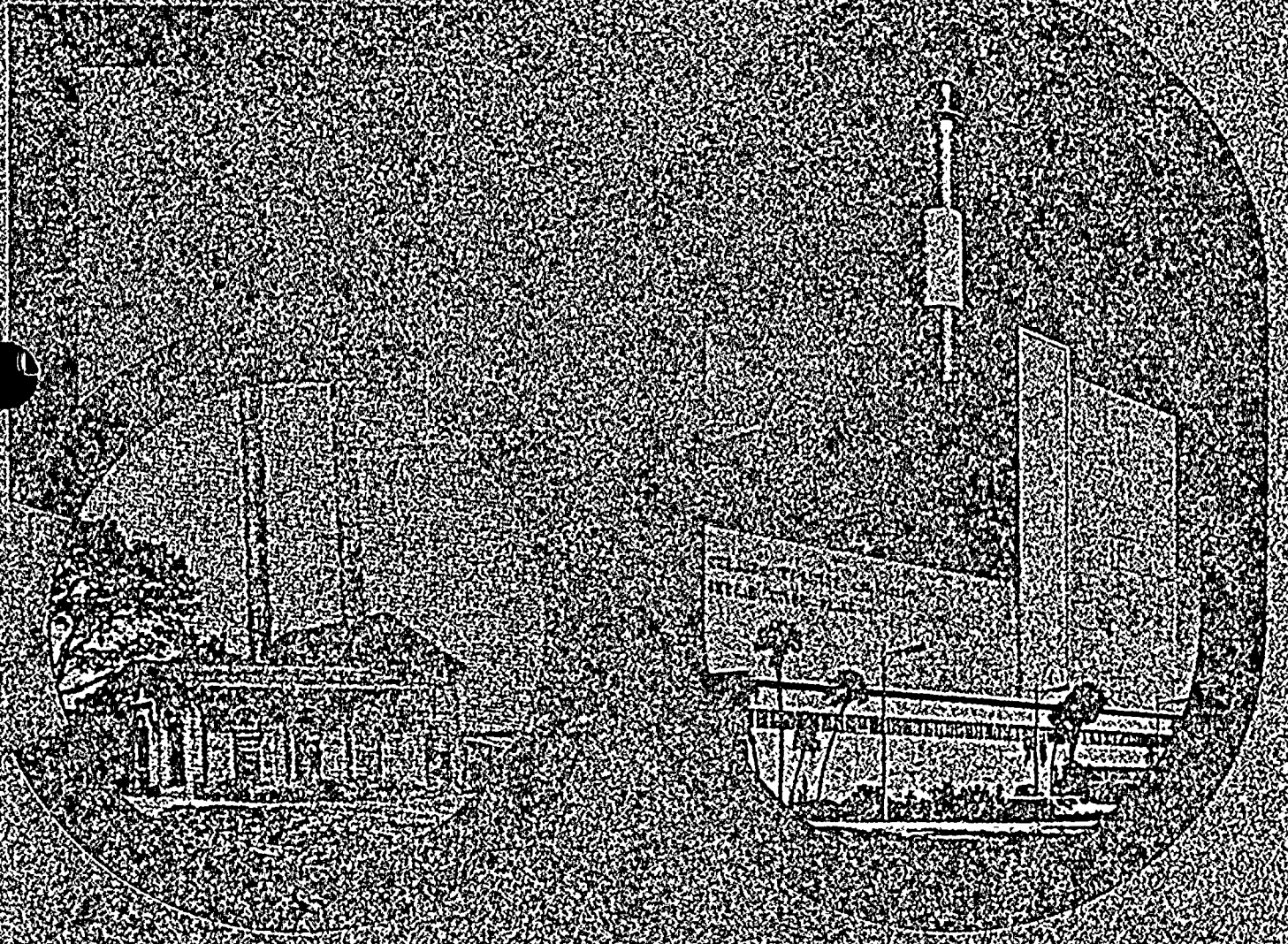
UTILITY: CITY OF VERO BEACH
BY *Don Scudell*
ADDRESS: P. O. BOX 1389
DATE:

ATTEST:
By *North A. Cray*
Assistant Secretary

UTILITY: ORLANDO UTILITIES COMMISSION
BY *W. L. ...*
Executive Vice President
ADDRESS: P. O. BOX 3193
DATE: May 15, 1978



The Golden Age
OF THE
UNITED STATES MARINE CORPS



YEARS OF SERVICE

Present and Former Members*

ORLANDO UTILITIES COMMISSION

<p>W. T. Bland J. F. Ange Judge L. C. Massey H. L. Beeman Alvin Jefferson Nye H. H. Dickson W. R. O'Neal L. B. Fort Mayor L. M. Autrey Dr. G. H. Edwards Turner Evans Mayor James L. Giles J. Merle McElroy Mayor S. Y. Way George F. Brass</p>	<p>H. L. McDonald H. C. Babcock Mayor V. W. Estes C. P. Dickinson E. W. Yandre C. G. Magruder H. N. Dickson L. B. McLeod J. T. Branham Mayor Wm. Beardall Clarence A. Johnson Dr. H. M. Beardall Dr. J. S. McEwen W. A. Hutchinson E. A. Stebbins</p>	<p>E. L. Brewton Mayor J. Rolfe Davis A. P. Clark R. T. Overstreet S. M. Heasley Mayor Robert S. Carr Mayor Carl T. Langford Lloyd Gahr E. G. Langston Wallace Mercer Tom Denmark Richard H. Lawrence Sam Wilkins Richard W. Simpson Henry T. Meiner</p>
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*in order of appointment

1972 Commissioners



Dick Simpson
President



Sam G. Wilkins
First Vice President



Henry T. Meiner
Second Vice President



Carl T. Langford
Mayor



R. H. Lawrence
Commissioner



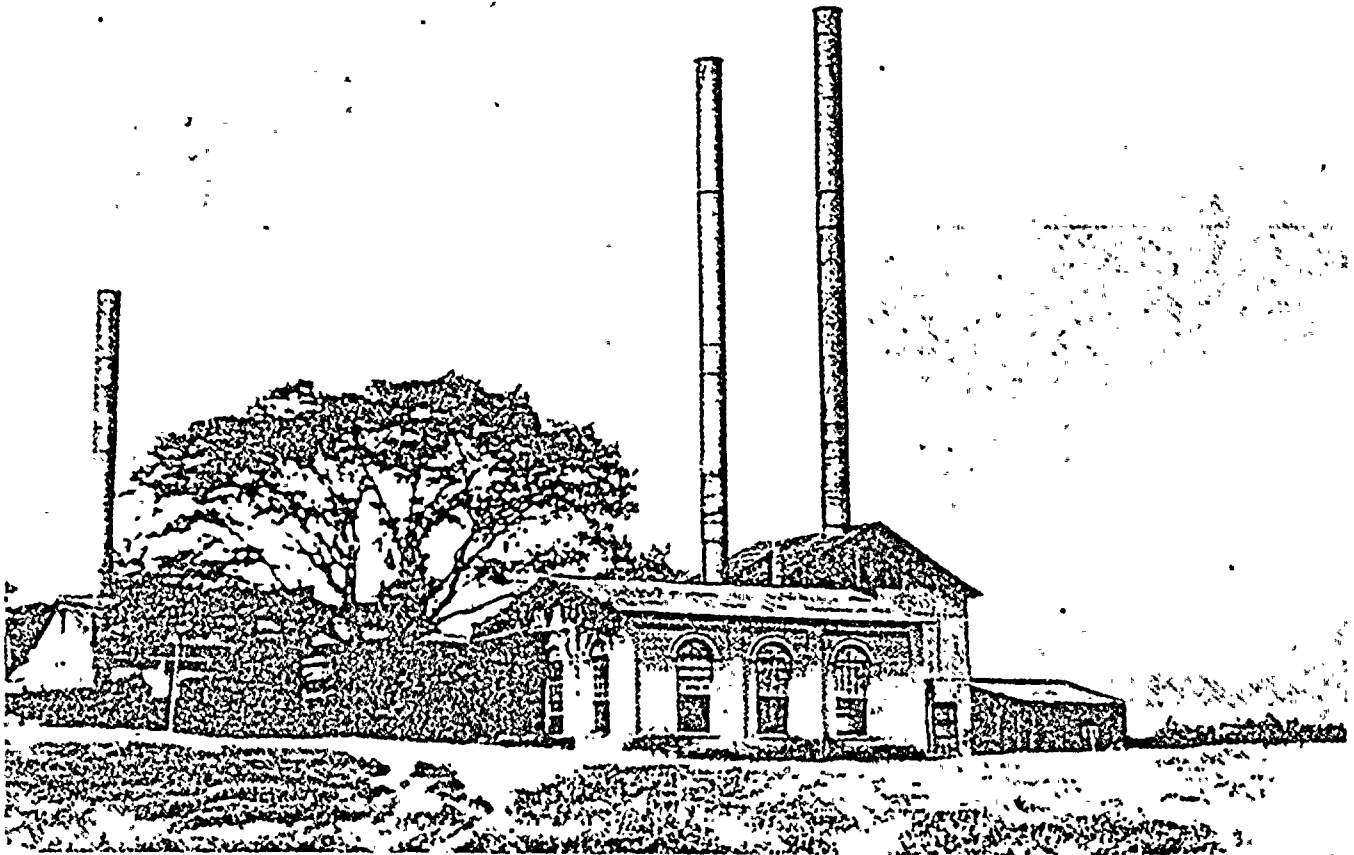
Curtis H. Stanton
Executive Vice President

How it all began

Back at the turn of the century an Orlando Judge, John M. Cheney, organized the Orlando Water and Light Company and supplied electricity on a part-time basis with a 100 kilowatt generator. Twenty-four-hour service began in 1903.

By 1922, the city's population had grown to about 10,000 and the Judge — realizing a need for wider services than his company was able to supply — urged his friends to work and vote for a \$975,000 bond issue to enable the citizens of Orlando to purchase and municipally operate his privately-owned utilities.

The bond issue carried almost three to one, as did a subsequent issue of \$525,000 for additional improvements. Orlando citizens took over the company, with its 2,795 electricity customers and 5,000 water customers, for a total original investment of \$1.5 million.



First facility of Orlando Utilities Commission — water and power plant on Lake Highland, purchased by Citizens of Orlando in 1922 for approximately \$600,000.

The following year, 1923, the Orlando Utilities Commission was created by an act of the State Legislature and full authority was granted this Commission to operate the plant as a municipal utility.

The business was a paying venture from the start. In fact, by 1924 the number of customers had more than doubled and the Commission contributed \$53,000 to the city.

Through the years, outside interests made several attempts to buy the Orlando Utilities. In 1932, a \$5 million offer was made — \$2 million more than the plant was then worth. An election was held and the people of Orlando voted seven to one against the sale.

The wisdom of these early citizens can be fully appreciated with a look at the return on that original investment of \$1.5 million.

Today Orlando Utilities Commission owned by the people of Orlando is now worth \$178 million. Over the years, OUC has contributed more than \$76 million to the City. And it contributed \$76 million and built a \$178 million business all the while lowering the cost of electricity to the consumer by 60 percent.

In operating efficiency and reliability, OUC ranks very favorably with other utility systems, some considerably larger.

The men who framed the OUC charter took every possible precaution to set up the Commission in a manner which would effectively eliminate political pressure and influence.

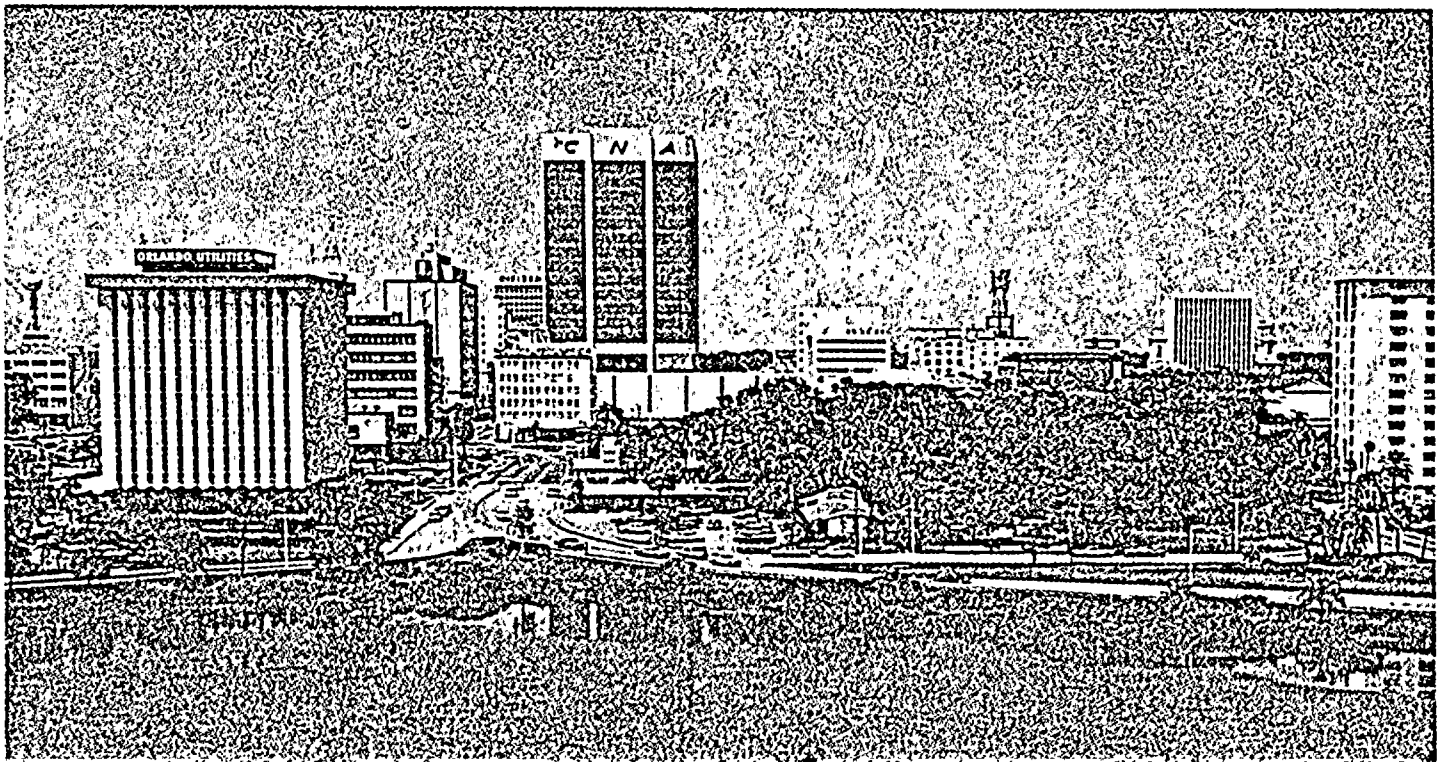
Four citizens of Orlando are named to serve as Commissioners along with the Mayor, who is automatically an ex-officio member of the OUC. These men, who serve without pay, are appointed for staggered four-year terms and may serve second terms if renominated by the Commission. The Commission actually functions as a Board of Directors of a corporation.

The working arrangement with the City of Orlando is that by agreement between the parties concerned, 50 percent of the net cash return from a five-year moving annual average plus a six percent franchise equivalent on all metered electricity and water sales within the city is transferred to the general fund of the city.

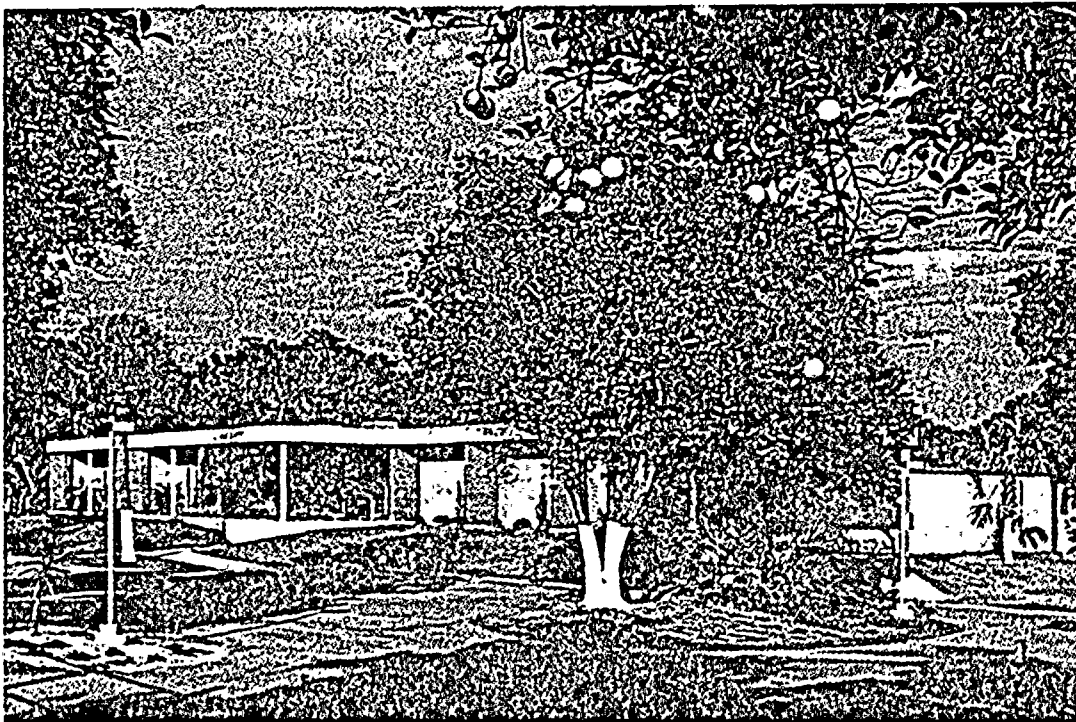
The OUC, therefore, is operated similarly to a private business with profits returned to the citizens of Orlando to help provide the many services needed such as police and fire protection, sewerage and sanitary facilities, street paving, cleaning and lighting, parks and playgrounds, traffic engineering, airport operation and health department services.

The ad valorem city tax bill of every Orlando homeowner, the taxes that pay for the services just noted, is cut because of the contributions made to the City by the Orlando Utilities Commission. The 1972 total contribution was \$6.2 million; 1971 — \$5.5 million; 1970 — \$5.1 million; 1969 — \$5.1 million; 1968 — \$5.1 million; 1967 — \$4.3 million; 1966 — \$4.2 million; 1965 — \$4.2 million. The total contribution in the last eight years was \$40 million.

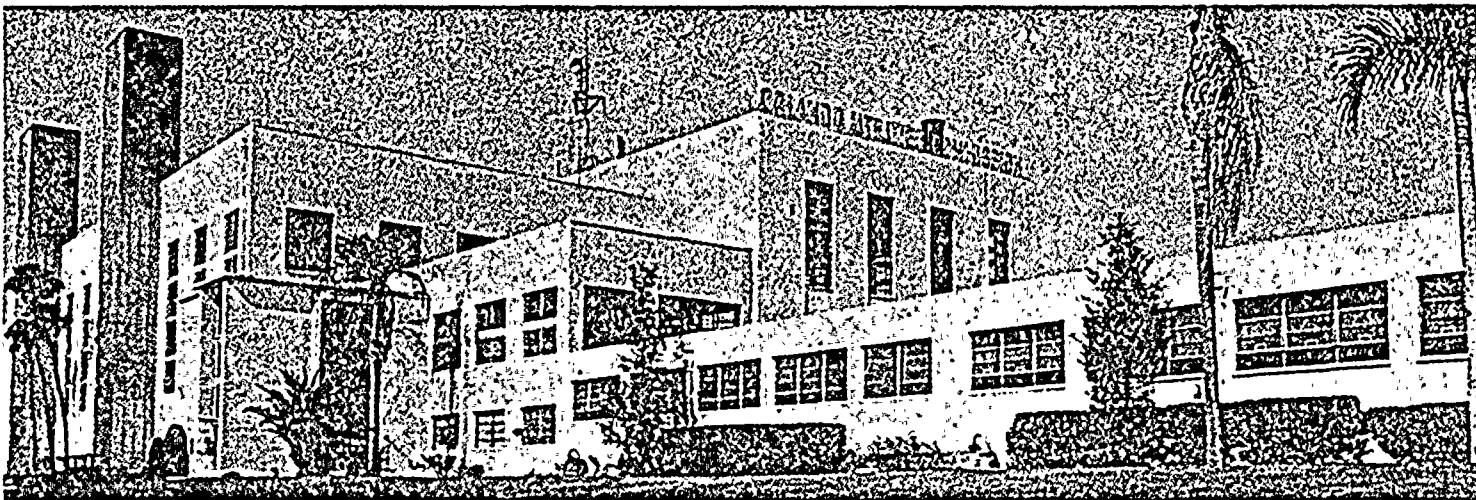
Few cities in America give property owners an equity in utilities that pay for half their city services and still furnish them highest quality water and an increasing supply of electricity at competitive rates.



OU



Southeast water plant at Conway — one of seven satellite plants, remotely controlled from the main plant at Lake Highland.



Lake Ivanhoe plant for electricity and water.

Tomorrow Currently the Commission is in the midst of a great expansion program. In 1972, customer demand for greater comfort and convenience in the home and higher efficiency in business and industry led to an all time OUC record in the production of electricity. Home consumption rose to an average of 12,141 kilowatt hours, the highest usage in the state. Peak demand in 1972 was 371,000 kilowatts. It is predicted that the peaks will grow to 400,000 kilowatts in 1973, 459,000 KW in 1975 — and 620,000 KW in 1980.

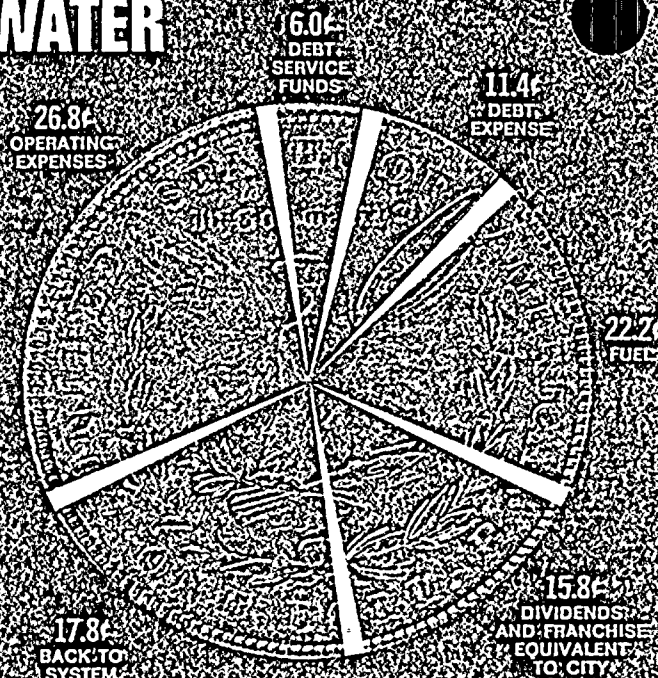
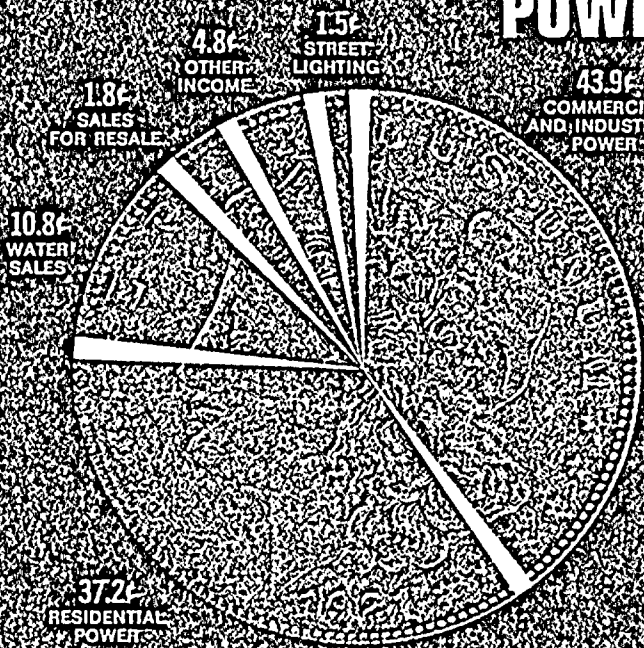
To meet this need, OUC is underway with a \$100 million expansion program spotlighting the \$45 million, 325,000 kilowatt generating unit that will be operational by mid-1973. The program's cost will be financed by bond issues and operating revenues of the next 10 years.

Power use again is expected to catch up with output in the early 1980's and OUC will need still another unit in operation by then.

Though involved in this tremendous expansion — a very necessary expansion if OUC is to keep pace with Orlando's projected growth — OUC will not cut back the contribution to the City. In fact, this will build to an estimated \$8 million annually by 1978.

THE 1972 POWER & WATER

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BALANCE SHEET

ASSETS

	December 31		Increase (Decrease)
	1972	1971	
Utility Plant	\$145,180,568	\$112,331,105	\$32,849,463
Restricted Funds	23,001,043	49,043,888	(26,042,845)
CURRENT ASSETS	9,591,971	11,000,491	(1,408,520)
TOTAL ASSETS	\$177,773,582	\$172,375,484	\$ 5,398,098

LIABILITIES AND CAPITALIZATION

	December 31		Increase (Decrease)
	1972	1971	
Capitalization:			
Accumulated Retained Earnings ..	\$ 67,203,347	\$ 61,316,638	\$ 5,886,709
Long-Term Debt	104,915,405	106,890,704	(1,975,299)
Current Liabilities	4,275,810	3,300,570	975,240
Other Liabilities	1,379,020	867,572	511,448
TOTAL LIABILITIES	\$177,773,582	\$172,375,484	\$ 5,398,098

HIGHLIGHTS of 1972

- Number of electric metered services increased 3% to 67,688.
- Average annual home use rose 3.9% to 12,141 kilowatt hours.
- Record peak load on August 4, 1972: 371,000 KW.
- Overall generation increased to 1,792,756,000 kilowatts, up 7.7%.
- Water consumption increased to 11,357,892,000 gallons, up 6.4%.
- Average annual use per customer: 205,000 gallons.
- Total electric and water revenue grew 11.4% to \$37,270,351.

In 1972, the Orlando Utilities Commission paid \$4,928,000 in Dividends and \$1,268,600 in Franchise Equivalent, for a total of \$6,196,600 to the City of Orlando.

One hundred percent of Orlando Utilities net earnings is paid either in cash to the City each year or invested in needed plant and equipment to provide you with dependable electric power and an abundant supply of pure water at fair and competitive rates.

SOURCE OF INCOME

Commercial and Industrial Power	\$17,141,445	43.9¢
Residential Power	14,587,607	37.2
Water Sales	4,249,800	10.8
Sales for Resale	720,217	1.8
Other Income	1,898,675	4.8
Street Lighting	571,282	1.5
	<u>\$39,169,026</u>	

DISPOSITION OF INCOME

Operating Expenses - Salaries, Wages, Materials and Other Expenses	\$10,467,425	26.8¢
Back to System	6,971,913	17.8
Dividends and Franchise Equivalent to City	6,196,600	15.8
Fuel	8,712,583	22.2
Debt Expenses — Principally Interest	4,471,050	11.4
Debt Service Funds	2,349,455	6.0
	<u>\$39,169,026</u>	

CONDENSED REPORT OF OPERATIONS

OPERATING REVENUES:	1972	1971
Electric Department	\$33,020,551	\$29,351,723
Water Department	4,249,800	4,089,941
GROSS OPERATING REVENUES	\$37,270,351	\$33,441,664
OPERATING EXPENSES:		
(Including Depreciation)		
Electric Department	\$21,242,780	\$19,118,393
Water Department	2,826,156	2,794,746
TOTAL OPERATING EXPENSE	24,068,936	21,913,139
TOTAL OPERATING INCOME	13,201,415	11,528,525
Other Income	1,898,675	1,533,094
TOTAL INCOME	15,100,090	13,061,619
Interest and Non-Operating Charges	4,616,689	3,087,890
Net Income	10,483,401	9,973,729
Less: Dividends Paid to City	4,928,000	4,379,000
Current Year's Earnings Retained	<u>\$ 5,555,401</u>	<u>\$ 5,594,729</u>

POWER PRODUCTION IN KILOWATT HOURS

	1972	1971
Generated	1,792,756,000	1,664,536,000
Less: Plant Load	76,425,100	70,682,500
Delivered to System ..	1,716,330,900	1,593,853,500
Purchased (Net)	48,388,000	22,502,000
Total Available to System	1,764,718,900	1,616,355,500

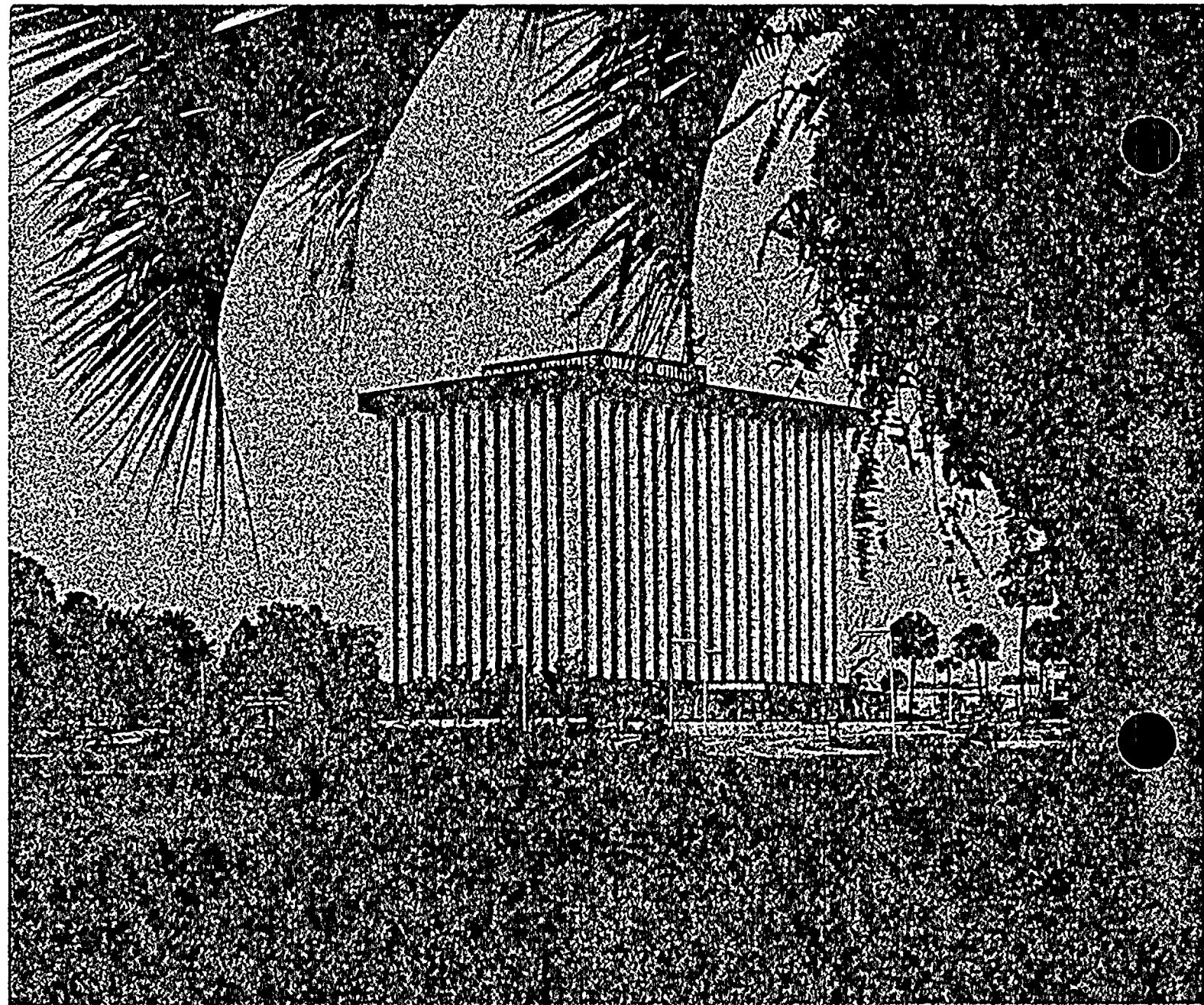
USE OF POWER

Active Domestic Users (Avg. for yr.)	55,685	53,632
Active Commercial & Indust. Users — (Avg. for year)	7,942	7,682
Total Active Service	65,164	62,756
Total Metered Service as of 12-31-72*	67,688	65,739
Average Annual KWH Use/Domestic Customer	12,141	11,684
KWH Sales — Domestic	676,065,662	626,627,692
KWH Sales — Commercial & Industrial	837,022,268	722,926,370
KWH Sales — Municipal Use	16,043,677	15,021,426
KWH Sales — Miscellaneous	3,159,565	2,739,413
KWH Sales — Other Utilities	88,007,000	136,413,000
KWH Used in Operations	144,420,728	112,627,599
KWH Total	1,764,718,900	1,616,355,500

USE OF WATER

Active Services (Avg. for yr.)	55,294	53,596
Total Metered Services as of 12-31-72*	58,204	56,579
Gallons Pumped to Mains	13,781,346,000	12,457,393,000
Gallons Used in Operations	2,464,336,000	1,826,740,000
Metered to Customers	11,317,010,000	10,630,653,000
Average Annual Use per Customer	205,000	199,000

*Includes Active and Inactive

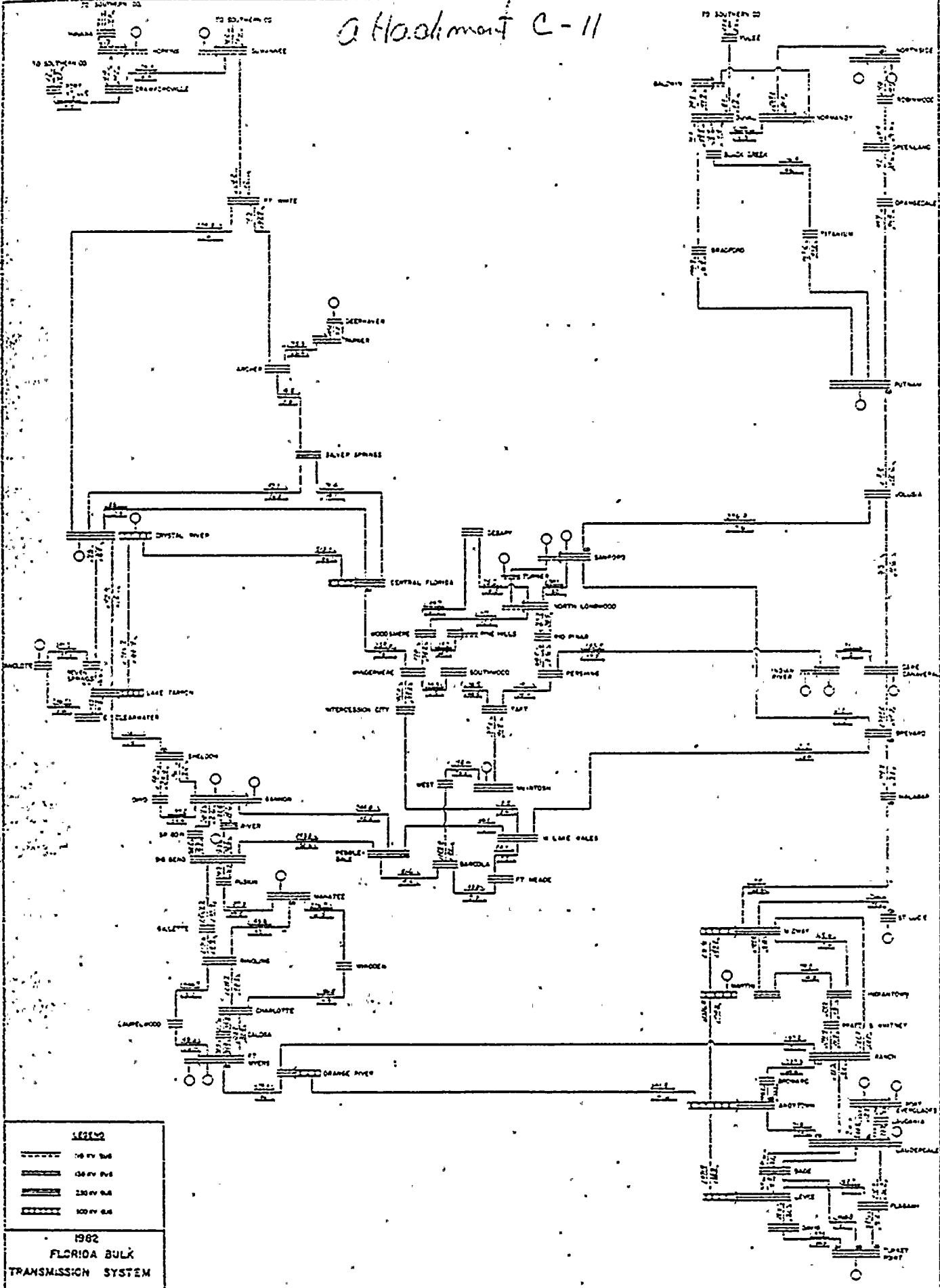


Administration Building
1800 South Orange Avenue
Orlando, Florida 32801

ATTACHMENT C-11



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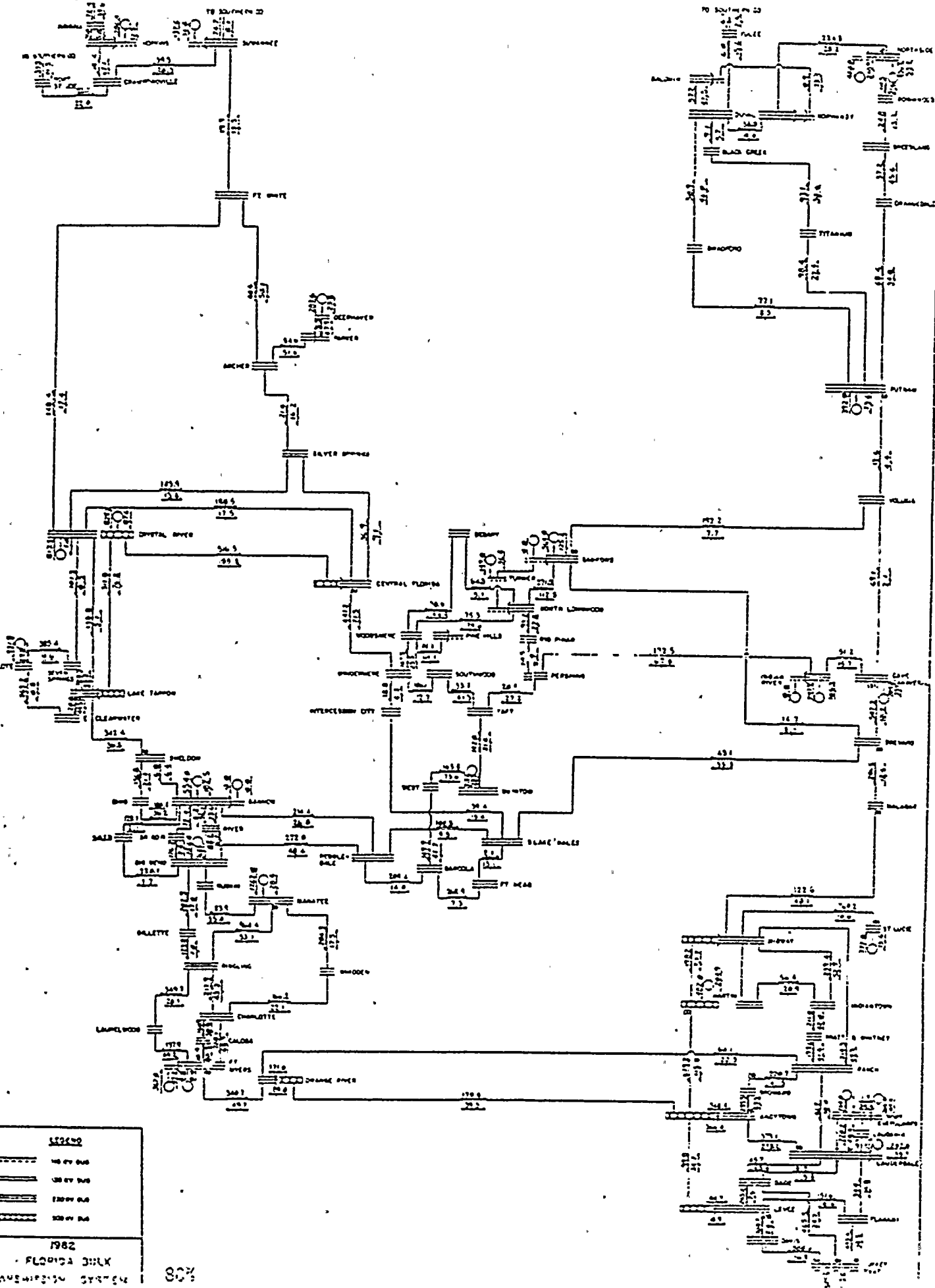


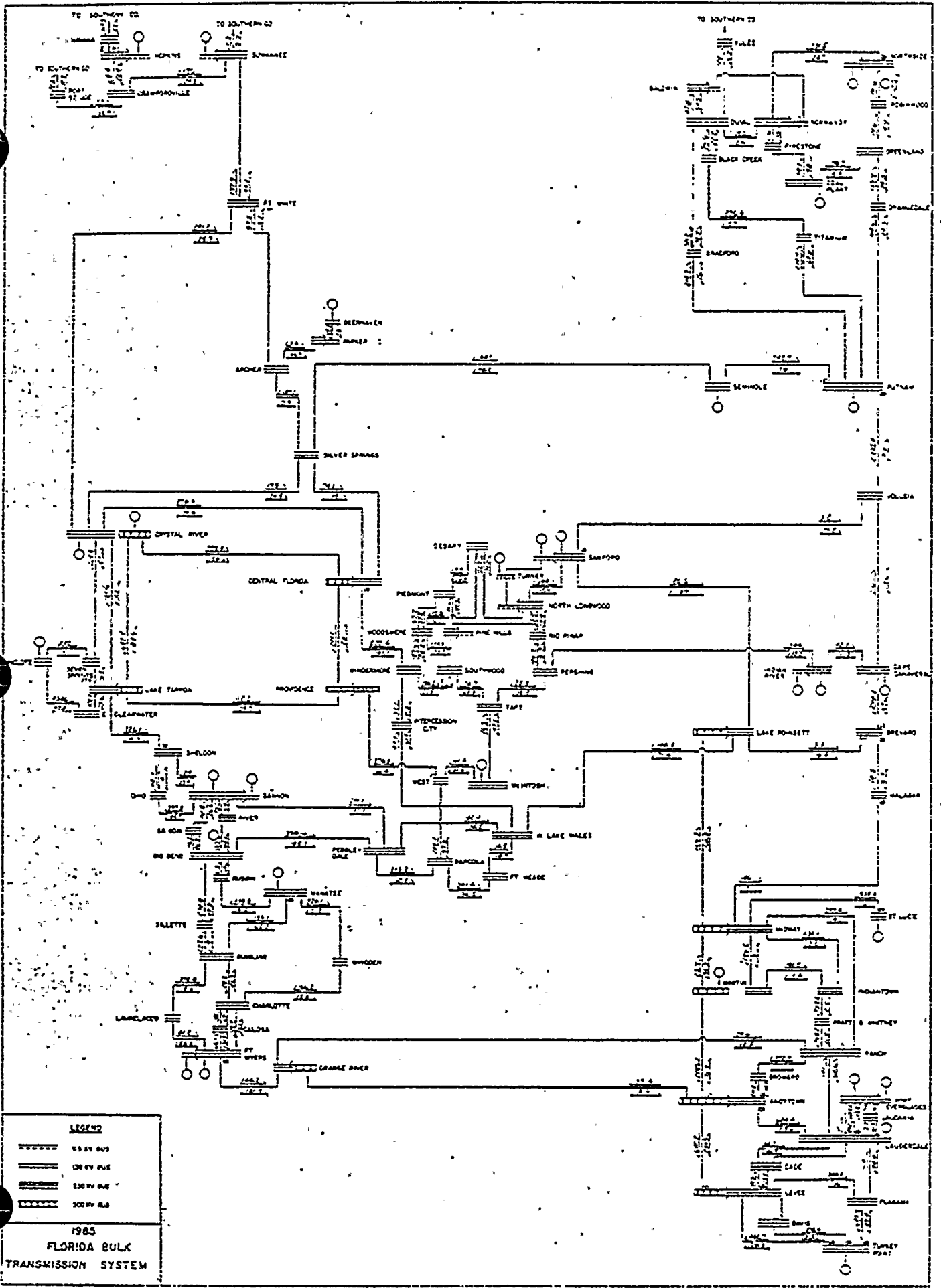
LEGEND	
	138 KV BUS
	69 KV BUS
	230 KV BUS
	500 KV BUS
1982	
FLORIDA BULK TRANSMISSION SYSTEM	

III.b.l.e.

152640
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 1982
 FLORIDA BULK
 TRANSMISSION SYSTEM

NO. 800

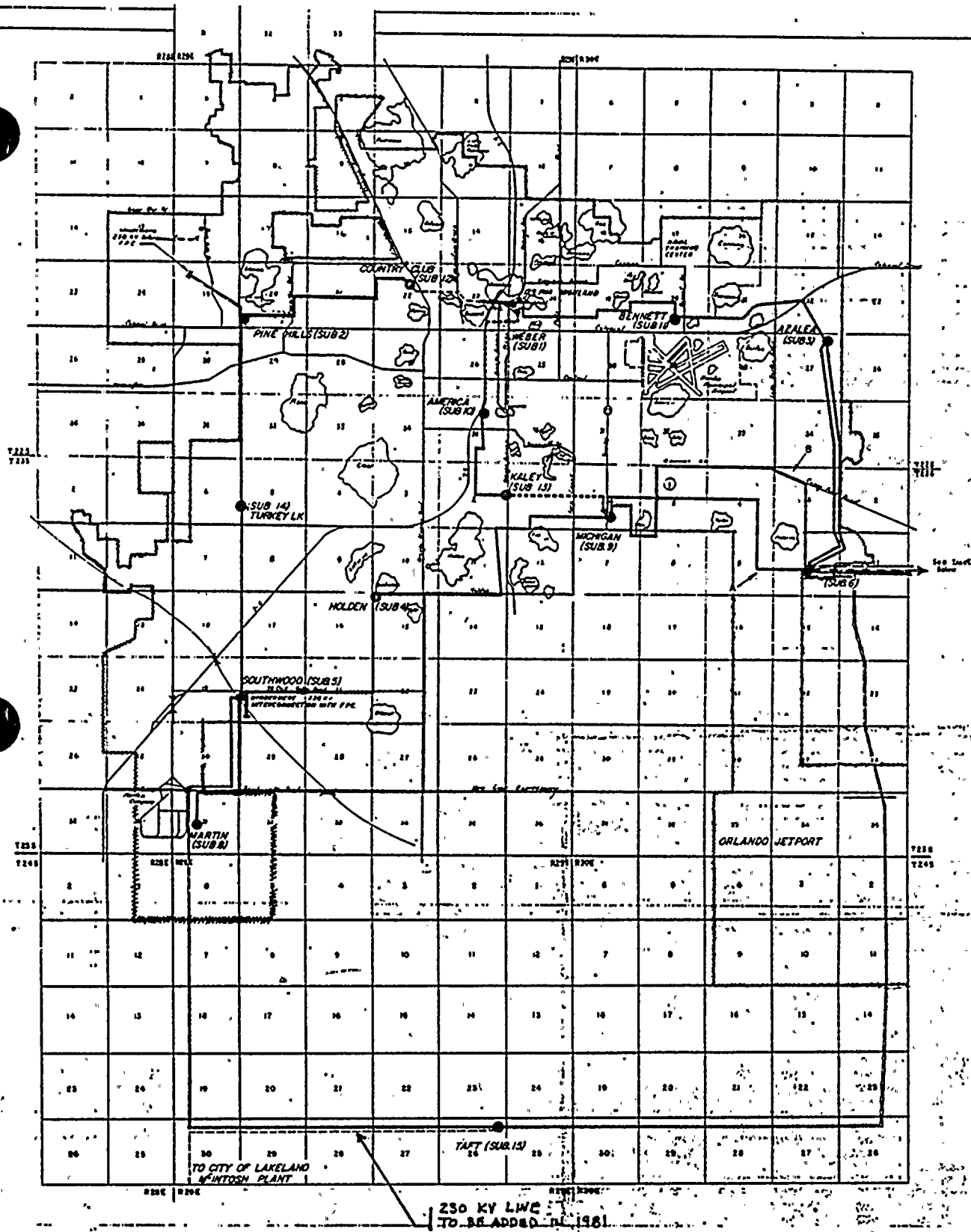




LEGEND

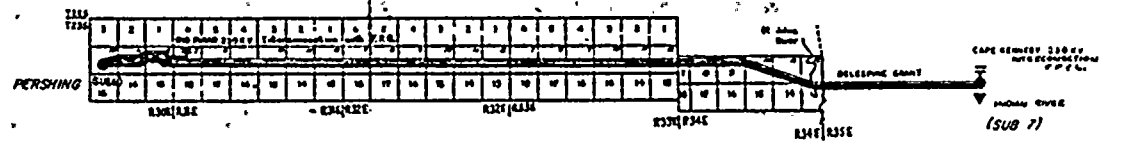
- 55 kV BUS
- 69 kV BUS
- 138 kV BUS
- 300 kV BUS

1985
FLORIDA BULK
TRANSMISSION SYSTEM



LEGEND

- ▲ Grounding plant
- Substation
- 115 KV Transmission Line
- 115 KV Underground Cable
- 230 KV Transmission Line
- Interconnection
- Service Area boundary



NO.	DESCRIPTION	DATE
1	ADDITION OF THE 250 KV LWC	1/27/61
2	SERVICE AREA ADDITION	DEC 1961
3	SUBSTATION UNDERGROUNDING	1961
4	SERVICE AREA ADDITION	1961
5	SERVICE AREA ADDITION	1961
6	SERVICE AREA ADDITION	1961
7	SERVICE AREA ADDITION	1961

ORLANDO UTILITIES COMMISSION TRANSMISSION SYSTEM
 DATE DWD 2/24 DATE DWD 1/11/64
 TAFT SUB ADDITION OF 7 AND

III. b. c.

III-1
10/14/76Excerpt From Florida Electric Power
Coordinating Group HandbookSECTION IIIDAILY OPERATING RESERVE

1. Daily Operating Reserve is that amount of generating capability and/or equivalent load relief in excess of forecasted daily peak load which is available to provide for load variation and forecast error, frequency regulation, area protection and contingencies such as loss of generating capability. It consists of the following components:
 - A. Spinning Reserve - The term "Spinning Reserve" when used herein means the reserve generating capability connected to the bus, ready to pick up load immediately, and capable of becoming fully applicable with a frequency decline to 59.5 Hz. (It is recognized that this definition of Spinning Reserve differs from that of the I.E.E.E.)
 - (1) Steam Unit

Due to special operating conditions in Peninsular Florida, no more than 16-2/3% of the Continuous Capability of a steam unit may be counted in computing the system Spinning Reserve.
 - (2) Combustion Turbine Unit
 - (a) A portion, generally 30%, of the base rating of combustion turbine generating units may be counted as Spinning Reserve, provided, 1) the units are operating in their automatic control mode, 2) the units are equipped with solid-state underfrequency relays in their ramp rate control circuits to change their response rate to emergency, 3) tests have been made to demonstrate that such amount counted will respond and become fully applicable with a frequency decline to 59.5 Hz, and 4) unit response is equal to, or faster than, the same amount of steam unit capacity as defined above.

- (b) The capacity between base and peak load of combustion turbine units may be counted as Spinning Reserve provided, 1) the units are equipped with solid-state underfrequency relays which will automatically change the operating mode from "base" to "peak" when the frequency declines to 59.9 Hz, and 2) unit response is equal to or faster than the same amount of steam capacity as defined above.

Since contractually interruptible load, when it is interrupted, releases generating capacity that is instantly available, a participant may place such load on underfrequency relay control and count the amount of this load so placed as Spinning Reserve up to 75% of his allocation. Solid-state relays will be employed for this application in order to minimize time delay. They will be set to disconnect the interruptible load at 59.7 Hz. Use of this provision by a participant in no way changes his responsibility to provide his share of Spinning Reserve in an emergency. Interruptible loads which are utilized as part of the Operating Reserve cannot be counted as part of the load shedding obligation.

- B. Supplemental Reserve - The term Supplemental Reserve when used herein means any generating capability and/or load relief measure which can be made fully applicable within 30 minutes or less. It includes, but is not limited to diesel units, combustion turbines, interruptible loads, load relief measures, and any increase in generation that may be obtained from a generating unit.

2. In normal operation the Daily Operating Reserve should be maintained by the combined systems at a value equal to, or greater than, the sum of the Peak Capability ratings of the two largest generating units in service. Spinning Reserve should be maintained equal to, or greater than, the Peak Capability rating of the largest generating unit in service to allow the combined systems to recover in an orderly manner from the instantaneous loss of such largest unit. The balance of the Daily

Operating Reserve will be Supplemental Reserve. Following the loss of a generating unit, Supplemental Reserve should be converted to Spinning Reserve, if required to restore the recommended level of Spinning Reserve.

3. The Daily Operating Reserve and the Spinning Reserve requirements, (the minimum values specified in Paragraph 2), should be allocated among the participants in proportion to each participant's maximum demand for the preceding year and the Peak Capability of his largest unit. Fifty percent should be allocated on the basis of demand and 50% on the basis of the Peak Capability of the largest unit. (See current calculation on Page 5 in this section.)
4. The Daily Operating Reserve requirement and an equitable allocation among the participants will be a continuing interest of the FCG Operating Committee. A new allocation will be calculated and used when a participant's single largest unit is off line.
5. The effect on a participant's ability to maintain his Spinning Reserve allocation should be fully considered before agreeing to sell power to another participant.
6. Protection of a new unit during shakedown will be the responsibility of the owner.
7. Each participant's Daily Operating Reserve allocation should be available to the other participants and not be restricted by transformer, line or other limitations.
8. Each participant's Spinning Reserve allocation must be distributed on enough generating units with proper governor characteristics, so that it will not take a frequency drop in excess of 0.5 Hz to realize the full benefits of each participant's Spinning Reserve. Assuming 5% governors, this means that the Spinning Reserve assigned to any one unit should be no more than 16-2/3% of the Continuous Capability of that unit.
9. Reliable operation of the combined systems requires that each participant's dispatcher know at all times the Continuous Capability rating of his generating units. Particularly during periods when forecasts indicate close operating reserves, the Continuous Capability rating of all questionable units should be verified by having these units demonstrate this capability before the time of the expected peak for the day.

10. It should be recognized that a deficiency in Spinning Reserve on the combined systems subjects all participants' customers to a risk of interruption due to under-frequency relay operation.

In abnormal situations where the Daily Operating Reserve and/or Spinning Reserve of a participant is less than his allocation, such participant will notify the others, giving full details of his operating condition, so that they may determine what assistance they can make available to be utilized. The deficient participant should take such measures that are available to him to safeguard the reliability of the combined systems. This would include: 1) purchase from other systems, 2) interrupting some of his own load, or 3) installation of under-frequency relays set to trip at 59.7 Hz, an amount of load equal to the participant's shortage in his Spinning Reserve allocation. Measure 3), known as Step Zero (Step 0), is to be used only in extreme emergencies where no other alternative is available and solid-state relays will be employed to minimize time delay. (If Step 0 is used, the load so assigned should not result in a reduction in a system's proper share of the automatic load shedding obligation described in Section XI, Paragraph 1.)

Deficiencies in Supplemental Reserve should be covered by purchase if feasible.

11. Administration of the Daily Operating Reserve and Spinning Reserve formula is the responsibility of the Florida Power Corporation. To carry out this responsibility certain information is necessary from each of the participating systems. This information is:

- A. By January 15th the previous year's peak load and the Peak Capability of the largest unit.
- B. Immediate notification of a change in rated capability of a system's largest unit.
- C. Notification when a system's largest unit is out of service.

The Daily Operating and Spinning Reserve will be calculated at least yearly and re-calculated as necessitated by information received from a participating system.

When re-calculation is necessary, the new values will be placed on the teletype for the dispatchers' immediate use and a copy of the calculation will be mailed to each of the systems. (See following page for current calculation with largest unit in each system in service.)

DAILY OPERATING AND SPINNING RESERVE ALLOCATIONS

BOTH TURKEY POINT NUCLEAR UNITS ON LINE

EFFECTIVE AS OF: 5- 3-76

	PEAK LOAD GROSS MW	CAPABILITY OF LARGEST UNIT GROSS MW	PERCENT BASED ON PEAK LOAD	PERCENT BASED ON LARGEST UNIT.
	-----	-----	-----	-----
FLORIDA POWER & LIGHT COMPANY	7400.0	722.0	50.19%	27.96%
FLORIDA POWER CORPORATION	3370.0	527.0	22.86%	20.41%
TAMPA ELECTRIC COMPANY	1660.0	350.0	11.26%	13.56%
JACKSONVILLE ELECTRIC AUTHORITY	1136.0	275.0	7.70%	10.65%
ORLANDO UTILITIES COMMISSION	413.0	327.0	2.80%	12.60%
CITY OF TALLAHASSEE	223.0	75.0	1.51%	2.90%
CITY OF LAKELAND	218.0	115.0	1.48%	4.45%
CITY OF GAINESVILLE	155.0	85.0	1.05%	3.29%
CITY OF FORT PIERCE	59.0	38.0	0.40%	1.47%
CITY OF LAKE WORTH	54.0	35.0	0.37%	1.35%
CITY OF VERO BEACH	56.0	33.0	0.38%	1.28%
TOTAL	14744.0	2582.0	100.00%	100.00%

	RESERVE ALLOCATION PERCENTAGE	OPERATING RESERVE MW	SPINNING RESERVE MW	SUPPLEMENTAL RESERVE MW
	-----	-----	-----	-----
FLORIDA POWER & LIGHT COMPANY	39.08	564	282	282
FLORIDA POWER CORPORATION	21.63	312	156	156
TAMPA ELECTRIC COMPANY	12.41	179	90	90
JACKSONVILLE ELECTRIC AUTHORITY	9.19	133	66	66
ORLANDO UTILITIES COMMISSION	7.73	112	56	56
CITY OF TALLAHASSEE	2.21	32	16	16
CITY OF LAKELAND	2.97	43	21	21
CITY OF GAINESVILLE	2.17	31	16	16
CITY OF FORT PIERCE	0.94	14	7	7
CITY OF LAKE WORTH	0.86	12	6	6
CITY OF VERO BEACH	0.83	12	6	6
TOTAL	100.00	1444	722	722

DATE CALCULATED: 5- 2-76

Attachment C-14

X-1

10/14/76

SECTION X

MAINTENANCE SCHEDULES

Maintenance schedules are coordinated by the FCG Operating Committee at least annually but generally twice a year. See following page for current schedule.



FCG OPERATING COMMITTEE MAINTENANCE SCHEDULE

MONTH: MAY, 1980

UTL	UNIT	MW	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3				
			1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	
FPC	ANC2	511	>===																															
FPC	BAR3	215		=====																														
FPC	CR3	782	>=====																															
FPC	TUR4	72																																
FPL	GT	313	>=====																															
FPL	PE1	204																																
FPL	SL1	795	>=====																															
FPL	TP1	370	>=====																															
FPL	TP4	696	>=====																															
GVL	JK7	22	>																															
GVL	JKGT	14	=====																															
JEA	NS1	262	>=====																															
JEA	NS2	200	>																															
JEA	SS5	146	>=====																															
IR1	IR1	90																																
GUC	IR2	200	>=====																															
TEC	BB2	338																																
TEC	BB3	362																																
TEC	GAN5	229	>=====																															
TEC	HP2	29	>===																															
TOTAL MW OUT				0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3			
				1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1
				4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	1	2	2	2	2	2	2	
				3	3	0	0	8	8	8	8	8	8	0	1	1	9	8	8	2	4	4	4	4	4	4	9	2	2	2	2	2	2	
				5	5	3	3	2	2	2	2	2	2	1	1	0	1	1	0	8	8	8	8	8	8	1	7	7	7	7	7	7		
				5	5	0	0	2	2	2	2	2	2	7	7	7	2	2	2	8	4	4	4	4	4	4	7	9	9	9	9	9		

I hereby certify that the attached documents are a true and accurate statement of the electrical generating capacity of the Orlando Utilities Commission.

Louis E. Stone

Louis E. Stone
(Name)

Manager, Electric Operations
(Title)

May 30, 1980
(Date)

State of Florida }
County of Orange } ss.

Louis E. Stone, being duly sworn, says that to the best of his knowledge every statement or thing contained herein is true.

Subscribed and sworn to before me
this 30th day of May, 1980.

NOTARY
PUBLIC

Virginia E. Crane
Notary Public
State of Florida at Large

My commission expires July 21, 1980



NOV 20 1950
12 12 1950

UTILITY Orlando Utilities Commission

EXISTING GENERATING FACILITIES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) Net Capability*		(12)	(13)	(14)
Plant	Unit No.	Location	Type	Fuel Pri	Fuel Alt	Com'l In- Service Mo/Yr	Exptd Retrmnt Mo/Yr	Gen Max Nameplate KW	Summer MW	Winter MW	Fuel Transp Pri	Transp Alt	Alt Fuel Days Use
								142,250	117	126			
Lake Highland		Orlando, FL Section 24, T22s, R29E Orange County											
1-2	1		F	HO	NG	9/49	12/82	28,750	30	31	TK	PL	NA
	2		F	HO	NG	9/54	12/82	37,500	30	31	TK	PL	NA
	3		F	HO	NG	6/56	12/82	37,500	30	31	TK	PL	NA
	GT-A		CT	LO	NG	12/58	12/82	18,750	13	16	TK	PL	NA
	GT-B		CT	LO	NG	12/58	12/82	18,750	13	16	TK	PL	NA
	Diesel		D	LO	--	1970	12/82	1,000	1	1	TK	--	NA

* Short Term Ratings



UTILITY Orlando Utilities Commission

EXISTING GENERATING FACILITIES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Plant	Unit No.	Location	Type	Fuel		Com'l In-Service Mo/Yr	Exptd Retrmnt Mo/Yr	Gen Max Nameplate KW	Net Capacity* Summer MW	Net Capacity* Winter MW	Fuel Pri	Transp Alt	Alt Fuel Days Use
Indian River		5 miles south of Titusville, FL, on U.S. Highway 1 Section 12, T23S, R35E Brevard County						638,800	610	619			
	1		F	HO	NG	2/60	12/91	86,700	88	90	WA	PL	NA
	2		F	HO	NG	12/64	12/94	207,600	204	208	WA	PL	NA
	3		F	HO	NG	2/74	12/2004	344,500	318	321	WA	PL	NA

1-3

*Short Term Ratings

UTILITY Orlando Utilities Commission

EXISTING GENERATING FACILITIES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Plant	Unit No.	Location	Type	Fuel		Com'l In- Service Mo/Yr	Exptd Retrmnt Mo/Yr	Gen Max Nameplate KW	Net Capacity* Summer MW	Winter MW	Fuel Pri	Transp Alt	Alt. Fuel Days Use
**Crystal River 3		Section 33, T17S, R16E, Citrus County	N	N	-	3/77	Unknown	860,382	13	13	-	-	-

1-4

TOTAL SYSTEM AS OF DECEMBER 31, 1979 740 758

*.Short Term Ratings

** OUC has an undivided ownership interest of 1.6015% (13.2MW) as a tenant in common in Florida Power Corporation's Crystal River #3, 825 MW nuclear unit.

