# BOARD OF PUBLIC UTILITIES

# 1973
# ANNUAL REPORT

**FOR THE YEAR ENDING**
**December 31, 1973**



MUNICIPAL ELECTRIC and WATER SYSTEMS
BPU
JAMESTOWN, N.Y.



## CITY OF JAMESTOWN, NEW YORK

# ANNUAL REPORT 1973

## BOARD OF PUBLIC UTILITIES
## CITY OF JAMESTOWN
## NEW YORK

Board Membership — December 31, 1973

Douglas E. Benson, Chairman

Hugh A. Carr, Jr.
John E. Claypool
Nelson J. Garifi
Miles L. Lasser
Marion A. Panzarella

Stanley N. Lundine, President

Charlotte Dahlbeck, Secretary

James S. Pullan
Superintendent of Public Utilities

Joseph C. Johnson
Business Manager

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# JAMESTOWN MUNICIPAL UTILITIES

## BRIEF HISTORICAL SKETCH

1890—Electric Plant constructed under jurisdiction of City Council.
1891—Street light service established to 140 street lamps.
1895—Plant commenced supplying service to commercial customers.
1903—Waterworks purchased from private interests for $600,000.
1913—English Hill Reservoir of five million gallon capacity constructed.
1923—Water supply system in Cassadaga Valley placed in operation.
1923—Board of Public Utilities created by Chapter 665, Laws of New York, 1923, to assume control and jurisdiction of municipal utility systems.
1923—Levant Pumping Station and water supply removed from service.
1925—Buffalo Street Reservoir of 1½ million gallons capacity constructed.
1926—Motor-driven pumps installed in Buffalo Street Pumping Station.
1928—Ornamental street lighting system in central section of City.
1931—Electric system of Niagara, Lockport, and Ontario Power Company acquired by purchase.
1933—Harrison Street and Allen Street Substations completed.
1934—Warehouse and service building for use of electric utility completed.
1938—Power electrical generating capacity increased to 38,500 kilowatts by installation of a 15,000 K.W. turbo-generator.
1941—3,000 k.v.a. unit type substation installed at 30 Jones & Gifford Ave.
1942—3,000 k.v.a. unit type substation installed at 254 Harrison St.
1947—Supplemental system of seven well units equipped with individual electrically-driven deep well pumps completed. 20,000 kilowatt expansion to Steele Street Power Plant initiated.
1948—Supplementary water well system approved by Water Power and Control Commission.
1951—20,000 K.W. extension to Steele Street Station, three substations and connecting underground conduit and transmission system in service. 6 m.g.d. turbine-driven pump installed to replace 5 m.g.d. pump at Cassadaga Valley Pumping Station.
1954—Substations at New York Avenue and Dow Street, Falconer, complete with transmission lines to new switchgear at Allen Substation.
1956—Direct current eliminated. Newland Avenue Substation completed. Well No. 8 added to water system.
1957—Harrison Street Substation No. 3 placed in operation. Replaced 6 m.g.d. steam driven pump with 6 m.g.d. electric driven pump and rehabilitated the structure at Buffalo Street Pumping Station.
1958—Two-way radio equipment installed for use of both Divisions.
1960—No. 11 boiler placed in service at the power plant.
1961—6 m.g.d. electric pump put into operation at Cassadaga Valley Pumping Station.
1962—Huxley Street and English Street Substations completed.
1963—Fluoridation of City water supply started.
1964—New ornamental street lighting installed in downtown area. 10,000 k.v.a. transformer added to Dow Street Substation.
1966—Five million gallon addition to English Hill Reservoir completed. Carter Street, Falconer, substation completed.
1968—No. 12 boiler and No. 6 turbine generator placed in operation at power plant.
1969—Poland Center well field and Clay Pond Pump Station placed in operation.
1970—Underground conduit system with tie lines — plant to Dow Substation, Blackstone and Washington Substations. 5600 k.v.a. transformer at Blackstone and Washington Substations.
1971—Clifton Avenue Substation installed. 4160 volt conversion started.
1972—PASNY power replaced Niagara Mohawk. Harrison Sub. No. 2 increased to 5,000 k.v.a.
1973—Two 4 m.g.d. pumps in service at Cassadaga Pump Station. 5600 k.v.a. transformer installed at Allen, Boatlanding, and Newland Substations.

# BOARD OF PUBLIC UTILITIES

## CITY OF
## JAMESTOWN, NEW YORK

March 1, 1974

To the Board of Public Utilities
City of Jamestown
Jamestown, New York

Gentlemen:

The annual reports of the Jamestown municipal electric and water utility systems for the year 1973 are submitted herewith as required by Section 129 of the Charter of the City of Jamestown.

An audit by Halsted, Corey & Company, Certified Public Accountants, is in progress, and their report will be available later in 1974.

Respectfully submitted,

JAMES S. PULLAN, Superintendent

JOSEPH C. JOHNSON,
Business Manager

Jamestown, New York

# ANNUAL REPORT

of the

# MUNICIPAL ELECTRIC SYSTEM

of the

**CITY OF JAMESTOWN**
**NEW YORK**

**FOR THE YEAR ENDED**
**DECEMBER 31, 1973**

# MUNICIPAL ELECTRIC SYSTEM

## BALANCE SHEET AS OF DECEMBER 31, 1973-1972

### ASSETS

| | 1973 | 1972 |
|---|---|---|
| **Fixed Assets:** | | |
| Operating Property — Electric | $26,849,859.81 | $26,790,020.13 |
| Construction Work in Progress | 1,065,367.79 | 429,803.39 |
| Non-operating Property | 5,500.00 | 5,500.00 |
| **Investments:** | | |
| Miscellaneous Investments | 45,300.00 | 930,000.00 |
| Depreciation Reserve Fund—Cash | 62.77 | 5,946.31 |
| Depreciation Reserve Fund— Investments | 1,018,400.00 | 545,000.00 |
| Depreciation Reserve Fund— Interest Accrued | 2,791.46 | 2,962.99 |
| **Current Assets:** | | |
| Cash—General | 51,705.50 | 40,662.81 |
| Working Funds | 730.00 | 680.00 |
| Material and Supplies | 371,158.15 | 334,841.40 |
| Receivables from Municipality | 29,496.55 | 38,111.23 |
| Accounts Receivable | 390,458.86 | 381,212.77 |
| Interest Accrued | 90.60 | 7,103.37 |
| Prepayments | 30,887.71 | 35,806.42 |
| Other Deferred Charges | 3,007.62 | 1,331.63 |
| Regulatory Commission Suspense | 11,426.77 | 29,851.63 |
| Miscellaneous Suspense | — | (39,487.30) |
| TOTAL ASSETS | $29,876,243.59 | $29,539,346.78 |

### LIABILITIES

| | 1973 | 1972 |
|---|---|---|
| **Long Term Debt:** | | |
| Bonds | $ 3,885,000.00 | $ 4,090,000.00 |
| City Hall Indebtedness | 257,883.12 | 294,723.57 |
| **Current and Accrued Liabilities:** | | |
| Payables to Municipality | 44,586.80 | 706.12 |
| Accounts Payable | 230,629.09 | 229,192.63 |
| Customers' Deposits | 13,127.73 | 11,112.97 |
| Interest Accrued | 37,832.89 | 40,162.13 |
| Advance Billings and Payments | 109.10 | 109.10 |
| Miscellaneous Current Liabilities | 300,140.98 | 241,100.00 |
| **Reserves:** | | |
| Depreciation Reserve— Operating Property | 13,202,643.83 | 12,954,266.34 |
| Contributions for Extensions | 199,857.20 | 193,699.18 |
| Reserve for Uncollectible Accounts | 9,425.05 | 8,479.69 |
| Deferred Credits | 14,017.32 | 14,864.40 |
| Retained Net Income Invested in Utility Plant, Working Capital, Etc. | 11,680,990.48 | 11,460,930.65 |
| TOTAL LIABILITIES AND RETAINED NET INCOME | $29,876,243.59 | $29,539,346.78 |

Parentheses denote red figure.

# MUNICIPAL ELECTRIC SYSTEM

## OPERATING STATEMENT

### For the Years Ended December 31, 1973-1972

| | 1973 | 1972 |
|---|---|---|
| OPERATING INCOME: | | |
| Operating Revenues—Electric | $5,201,720.79 | $5,175,170.93 |
| Other Revenues: | | |
| Pole Attachment Rents | $ 14,292.55 | $ 13,555.17 |
| Miscellaneous | 4,495.09 | 4,256.62 |
| Total Other Electric Revenues | $ 18,787.64 | $ 17,811.79 |
| Total Operating Revenues | $5,220,508.43 | $5,192,982.72 |
| OPERATING EXPENSES: | | |
| Production | $2,770,314.00 | $2,521,804.20 |
| Transmission and Distribution | 254,645.74 | 236,697.88 |
| Street Lighting | 29,691.40 | 18,601.83 |
| Consumers' Accounting and Collecting | 153,944.44 | 156,331.13 |
| Sales Expense | 1,353.29 | 1,666.70 |
| Administrative and General | 513,193.20 | 413,954.09 |
| Depreciation | 635,881.78 | 620,828.47 |
| Taxes on Property Outside the City | 45,050.90 | 42,525.66 |
| Uncollectible Revenues | 3,980.59 | 3,000.00 |
| Contributions to City in Lieu of Taxes | 450,010.17 | 434,082.34 |
| Total Operating Expenses | $4,858,065.51 | $4,449,492.30 |
| NET ELECTRIC OPERATING INCOME | $ 362,442.92 | $ 743,490.42 |
| OTHER INCOME: | | |
| Non-operating Rents | $ 1,200.00 | $ 1,200.00 |
| Interest | 102,089.00 | 65,656.43 |
| Total Other Income | $ 103,289.00 | $ 66,856.43 |
| GROSS INCOME | $ 465,731.92 | $ 810,346.85 |
| INCOME DEDUCTIONS: | | |
| Interest on Long Term Debt | $ 246,689.50 | $ 261,295.44 |
| Other Income Deductions | (189.96) | (321.03) |
| Total Income Deductions | $ 246,499.54 | $ 260,974.41 |
| NET INCOME | $ 219,232.38 | $ 549,372.44 |

Parentheses denote red figure.

## STATEMENT OF RETAINED NET INCOME

| | | |
|---|---|---|
| Balance, January 1, 1973 | | $11,460,930.65 |
| Add: | | |
| Net Income — 1973 | $219,232.38 | |
| Miscellaneous Contributions — City (Net) | 827.45 | 220,059.83 |
| Balance, December 31, 1973 | | $11,680,990.48 |

# MUNICIPAL ELECTRIC SYSTEM

## OPERATING REVENUES — ELECTRIC

### For the Years Ended December 31, 1973-1972

| | 1973 | | 1972 | |
|---|---|---|---|---|
| | K.W.H. Sold | Revenue | K.W.H. Sold | Revenue |
| Residential Sales | 68,219,224 | $1,607,879.91 | 68,360,890 | $1,634,331.13 |
| Commercial Sales | 74,437,995 | 1,515,377.46 | 70,526,622 | 1,493,158.93 |
| Industrial Sales | 111,027,946 | 1,584,958.58 | 106,701,690 | 1,566,513.85 |
| Public St. Lighting— Jamestown | 2,586,595 | 108,133.21 | 2,529,669 | 93,283.53 |
| Public St. Lighting— Other | 903,479 | 39,985.43 | 859,088 | 38,882.21 |
| Other Sales to City of Jamestown | 13,000,478 | 200,206.28 | 13,669,656 | 200,714.27 |
| Other Sales to Other Public Authorities | 7,303,708 | 121,608.08 | 7,376,630 | 122,991.00 |
| Forfeited Discounts | | 23,571.84 | | 25,296.01 |
| TOTAL | 277,479,425 | $5,201,720.79 | 270,024,245 | $5,175,170.93 |

## MISCELLANEOUS ELECTRIC REVENUES

| | 1973 | 1972 |
|---|---|---|
| Pole Attachment Revenues | $14,292.55 | $13,555.17 |
| Value of Steam Supplied to City Department | 2,303.03 | 2,250.23 |
| Meter Reconnection Charges | 1,147.45 | 1,013.00 |
| Temporary Service Charges | 817.86 | 480.00 |
| Other Miscellaneous Revenues | 226.75 | 513.39 |
| TOTAL | $18,787.64 | $17,811.79 |

## TAXES—DIRECT AND TAX EQUIVALENTS

| | 1973 | 1972 |
|---|---|---|
| Town of Ellicott—State and County Tax | $ 10,439.91 | $ 10,277.00 |
| Town of Ellicott—School Tax | 26,904.92 | 24,874.87 |
| Villages of Celoron and Falconer—Village Tax | 7,706.07 | 7,373.79 |
| City of Jamestown—Contributions in Lieu of Taxes | 450,010.17 | 434,082.34 |
| TOTAL | $495,061.07 | $476,608.00 |
| Percentage to Electric Service Revenues | 9.52 | 9.21 |

# MUNICIPAL ELECTRIC SYSTEM

## COMPARATIVE STATEMENT

| Year | Total Electric Operating Revenues | Net Permanent Improvements and Extensions | Total K.W.H. Generated and Purchased | Average Cost Coal Burned Per Ton | Operation and Maintenance Cost with Depreciation and Interest | Retained Net Income |
|---|---|---|---|---|---|---|
| 1920 | $ 226,018.00 | $ 77,693.65 | 6,770,392 | $7.50 | $ 199,162.93 | $ 309,216.51 |
| 1930 | 533,475.96 | 396,909.50 | 24,536,700 | 3.73 | 348,984.46 | 2,008,302.60 |
| 1940 | 981,413.72 | 15,288.62 | 66,383,000 | 3.96 | 766,053.60 | 3,258,222.32 |
| 1950 | 1,709,419.72 | 1,105,665.15 | 124,339,400 | 7.55 | 1,504,711.00 | 5,104,306.45 |
| 1955 | 2,514,485.09 | 419,467.62 | 162,802,670 | 7.58 | 2,228,608.46 | 5,772,763.38 |
| 1960 | 2,798,846.30 | 2,029,578.60 | 183,666,148 | 7.53 | 2,466,969.44 | 7,605,317.88 |
| 1965 | 3,390,215.66 | 118,437.81 | 235,386,178 | 7.62 | 3,078,325.11 | 9,314,933.94 |
| 1970 | 4,180,376.40 | 4,170,479.99 | 281,312,073 | 10.30 | 4,112,216.72 | 11,107,150.76 |
| 1971 | 4,584,033.20 | 688,396.94 | 284,077,068 | 12.37 | 4,829,431.56 | 10,903,059.80 |
| 1972 | 5,192,982.72 | 264,586.76 | 303,763,693 | 12.35 | 4,710,466.71 | 11,460,930.65 |
| 1973 | 5,220,508.43 | 59,839.68 | 316,317,100 | 12.41 | 5,104,565.05 | 11,680,990.48 |

## BONDED INDEBTEDNESS

### General City Bonds Issued for Purposes of the Electric System

### December 31, 1973

| Date of Issue | Maturity | Interest Rate Per Year | Par Value of Issue | Redeemed | Outstanding End of Year | Interest Accrued in Year |
|---|---|---|---|---|---|---|
| June 1, 1891 | 1901 | 4% | $ 30,000 | $ 30,000 | $.............. | $.............. |
| Dec. 1, 1893 | 1903 | 4% | 32,000 | 32,000 | .............. | .............. |
| June 1, 1901 | 1931 | 4% | 30,000 | 30,000 | .............. | .............. |
| Dec. 17, 1903 | 1932 | 4% | 32,000 | 32,000 | .............. | .............. |
| June 1, 1913 | 1933 | 4.6% | 40,000 | 40,000 | .............. | .............. |
| May 1, 1920 | 1945 | 5.5% | 250,000 | 250,000 | .............. | .............. |
| Aug. 1, 1950 | 1970 | 1.6% | 2,300,000 | 2,300,000 | .............. | .............. |
| May 1, 1970 | 1990 | 5.9% | 2,500,000 | 375,000 | 2,125,000 | 127,833.32 |
| Nov. 1, 1970 | 1990 | 5.7% | 2,000,000 | 240,000 | 1,760,000 | 104,120.00 |
| | | | $7,214,000 | $3,329,000 | $3,885,000 | $231,953.32 |

# MUNICIPAL ELECTRIC SYSTEM

## PRODUCTION STATISTICS

### Year Ended December 31, 1973

| | |
|---|---|
| Station Output and Costs: | |
| Maximum System Demand — August 28, 1973, 1-2 P.M. | 61,776 K.W. |
| Cost of Generation Including Power Plant Depreciation | $2,341,927.74 |
| Cost of Electricity Purchased | 779,457.63 |
| Purchased Electricity Expense | 195.40 |
| Total Production Cost | $3,121,580.77 |
| Fuel Consumed: | |
| Kind of Fuel—Bituminous Coal | |
| Quantity Used for Generation | 102,750.93 T. |
| Cost of Coal Consumed | $1,275,371.16 |
| Average Cost per Ton Consumed | $12.41 |
| Pounds of Coal per Kilowatt Hour (Gross Generation) | 1.0233 |
| Summary of Production and Sales: | |
| K.W.H. Generated | 200,816,100 |
| K.W.H. Purchased | 115,501,000 |
| K.W.H. Generated and Purchased | 316,317,100 |
| Less: K.W.H. All Station Uses | 16,439,314 |
| Lost in Transmission — Purchased Power | 6,873,000 |
| K.W.H. Available for Distribution | 293,004,786 |

| Disposal of Energy: | Customers End of Year | K.W.H. |
|---|---|---|
| Residential Service | 15,949 | 68,219,224 |
| Commercial Service | 3,045 | 74,437,995 |
| Industrial Service | 149 | 111,027,946 |
| Street Lighting—Other Municipalities | 5 | 903,479 |
| Other Sales to Other Public Authorities | 68 | 7,303,708 |
| Used by City of Jamestown: | | |
| Municipal Street Lighting | 1 | 2,586,595 |
| Other Municipal Purposes | 91 | 13,000,478 |
| Within Electric Department | | 926,692 |
| Total Supplied and Used | 19,308 | 278,406,117 |
| Lost and Unaccounted For | | 14,598,669 |
| **Total to Balance** | | 293,004,786 |

| | |
|---|---|
| **Per Cent of Lost and Unaccounted For** | 5.0% |
| 1973 Average Units Used per Residential Customer | 4,277 K.W.H. |
| 1973 Average Annual Residential Bill | $100.81 |
| 1973 Residential Revenue per K.W.H. | 2.36c |
| **Population of Localities Served—1970 Federal Census** | 49,014 |

# ANNUAL REPORT

of the

# MUNICIPAL WATER SYSTEM

of the

**CITY OF JAMESTOWN
NEW YORK**

**FOR THE YEAR ENDED
December 31, 1973**

# MUNICIPAL WATER SYSTEM

## BALANCE SHEET AS OF DECEMBER 31, 1973-1972

### ASSETS

| | 1973 | 1972 |
|---|---|---|
| Fixed Assets: | | |
| Water Plant in Service | $8,654,219.07 | $8,527,596.43 |
| Other Physical Property | 3,847.05 | 3,847.05 |
| Construction Work in Progress | 331,022.36 | 116,349.92 |
| Investments: | | |
| Depreciation Fund | 40,000.00 | 60,000.00 |
| Water Improvement Fund | 79,200.00 | 438,600.00 |
| Current and Accrued Assets: | | |
| Cash—General | 45,376.90 | 12,993.66 |
| Cash—Water Rebate Fund | 19,110.78 | 23,216.78 |
| Working Funds | 83.29 | 83.29 |
| Accounts Receivable—Consumers | 189,541.23 | 202,680.68 |
| Accounts Receivable—Miscellaneous | 5,921.84 | 7,533.97 |
| Receivables from Municipality | 18,681.42 | 16,041.49 |
| Interest Receivable | 251.19 | 2,695.13 |
| Material and Supplies | 151,140.28 | 151,523.05 |
| Prepayments | 35,092.88 | 33,750.04 |
| TOTAL ASSETS | $9,573,488.29 | $9,596,911.49 |

### LIABILITIES

| | 1973 | 1972 |
|---|---|---|
| Long Term Debt: | | |
| Bonds | $1,700,000.00 | $1,800,000.00 |
| City Hall Indebtedness | 73,680.89 | 82,891.00 |
| Current and Accrued Liabilities: | | |
| Notes Payable | 500,000.00 | 550,000.00 |
| Payables to Municipality | 7,492.12 | 11,082.43 |
| Accounts Payable | 10,377.70 | 4,641.07 |
| Customers' Deposits | 19,580.78 | 23,486.78 |
| Interest Accrued | 32,736.49 | 31,129.65 |
| Wages Accrued | 6,543.22 | 6,307.46 |
| Other Current Liabilities | 99,084.79 | 87,292.79 |
| Reserves: | | |
| Reserve for Depreciation of Water Plant | 2,334,621.82 | 2,474,041.22 |
| Reserve for Uncollectible Accounts | 1,215.65 | 413.62 |
| Deferred Credits | 7,063.12 | 6,972.16 |
| Contributions in Aid of Construction: | | |
| Federal Government Grants | | |
| Not Subject to Repayment | 80,142.93 | 80,142.93 |
| Other Contributions | 21,632.54 | 21,632.54 |
| Retained Net Income Invested in Utility Plant, Working Capital, Etc. | 4,679,316.24 | 4,416,877.84 |
| TOTAL LIABILITIES AND RETAINED NET INCOME | $9,573,488.29 | $9,596,911.49 |

# MUNICIPAL WATER SYSTEM

## OPERATING STATEMENT

### For the Years Ended December 31, 1973-1972

| | 1973 | 1972 |
|---|---|---|
| **OPERATING REVENUES:** | | |
| Sales of Water | $1,274,043.40 | $1,250,077.41 |
| Other Water Revenues | 18,697.73 | 16,656.84 |
| TOTAL OPERATING REVENUES | $1,292,741.13 | $1,266,734.25 |
| **OPERATION AND MAINTENANCE:** | | |
| Source of Supply Expenses | $ 25,265.49 | $ 24,346.66 |
| Power and Pumping Expenses | 176,804.42 | 191,087.19 |
| Transmission and Distribution Expenses | 165,817.03 | 161,658.70 |
| Customers' Accounting & Collecting Expenses | 56,751.42 | 59,078.96 |
| Administrative and General Expenses | 144,272.92 | 137,849.14 |
| Depreciation | 123,649.16 | 125,106.28 |
| Operating Taxes—Outside City | 95,178.08 | 90,368.06 |
| Contributions to the City in Lieu of Taxes | 165,000.00 | 165,000.00 |
| TOTAL OPERATING REVENUE DEDUCTIONS | $ 952,738.52 | $ 954,494.99 |
| NET OPERATING REVENUES | $ 340,002.61 | $ 312,239.26 |
| **OTHER INCOME:** | | |
| Interest on Investments | $ 22,677.20 | $ 18,818.04 |
| Miscellaneous Non-operating Revenues | — | 15.00 |
| TOTAL OTHER INCOME | $ 22,677.20 | $ 18,833.04 |
| GROSS INCOME | $ 362,679.81 | $ 331,072.30 |
| **INCOME DEDUCTIONS:** | | |
| Interest on Long Term Debt | $ 105,950.72 | $ 112,518.45 |
| Interest on Notes Payable | 19,318.51 | 12,949.67 |
| Interest on Consumers' Deposits | 9.11 | 5.09 |
| Release of Premium on Debt — Credit | 402.24 | 402.24 |
| Miscellaneous Income Deductions | 630.00 | — |
| TOTAL INCOME DEDUCTIONS | $ 125,506.10 | $ 125,070.97 |
| NET INCOME | $ 237,173.71 | $ 206,001.33 |

## STATEMENT OF RETAINED NET INCOME

| | | |
|---|---|---|
| Balance, January 1, 1973 | | $4,416,877.84 |
| Add: Net Income — 1973 | $237,173.71 | |
| Payments on Uncollectible Water Bills Charged to Surplus — Prior Years | 164.69 | |
| Contribution from City's Industrial Development Appropriation | 25,000.00 | |
| Miscellaneous Credits to Surplus | 100.00 | 262,438.40 |
| Balance, December 31, 1973 | | $4,679,316.24 |

# MUNICIPAL WATER SYSTEM

## OPERATING REVENUES
## Year Ended December 31, 1973

| Item | Number of Customers | No. of M Gals. Sold | Revenue |
|---|---|---|---|
| Residential Metered Sales | 12,555 | 873,106 | $ 597,342.21 |
| Commercial Metered Sales | 968 | 300,986 | 196,055.19 |
| Industrial Metered Sales | 112 | 769,714 | 379,437.76 |
| Private Fire Protection—Metered | 44 | 7,136 | 3,475.20 |
| Private Fire Protection—Unmetered | 13 | | 2,183.00 |
| Public Fire Protection—City of Jamestown—Hydrant Rental | 1 | | 49,648.72 |
| Public Fire Protection—Other Hydrant Rental | 6 | | 9,100.00 |
| Other Sales to Public Authorities | 34 | 14,793 | 10,653.35 |
| Sales to Operating Municipality | 51 | 52,602 | 26,147.97 |
| TOTAL SALES OF WATER | 13,784 | 2,018,337 | $1,274,043.40 |

| | |
|---|---|
| Rent from Water Property | $ 535.00 |
| Customers' Forfeited Discounts | 10,940.23 |
| Merchandise and Jobbing | 5,935.39 |
| Service Reconnection Charges | 230.00 |
| Meter Repair Charges | 1,057.11 |
| TOTAL OTHER WATER REVENUES | $ 18,697.73 |
| TOTAL OPERATING REVENUES—WATER | $1,292,741.13 |

*Each active service connection.

## TAXES—DIRECT AND TAX EQUIVALENTS
## 1973 - 1972

| | 1973 | 1972 |
|---|---|---|
| Town of Ellicott—State, County and Town Tax | $ 15,613.28 | $ 14,769.56 |
| Town of Ellicott—School Tax | 39,675.75 | 36,556.90 |
| Town of Poland—State, County and Town Tax | 11,370.16 | 11,788.33 |
| Town of Poland—School Tax | 23,793.29 | 22,862.61 |
| Villages of Celoron and Falconer—Village Tax | 4,725.60 | 4,390.66 |
| City of Jamestown—Contributions in Lieu of Taxes | 165,000.00 | 165,000.00 |
| TOTAL | $260,178.08 | $255,368.06 |
| Percentage to Total Operating Revenues | 20.13% | 20.16% |

# MUNICIPAL WATER SYSTEM
## COMPARATIVE STATEMENT

| Year | Total Water Operating Revenues | Net Permanent Improvements and Extensions | Gallons Pumped | Operation and Maintenance Cost with Depreciation and Interest | Retained Net Income |
|---|---|---|---|---|---|
| 1920 | $149,890.85 | $208,152.99 | 1,207,682,800 | $103,409.71 | $ 974,435.07 |
| 1930 | 296,319.04 | 164,798.75 | 1,204,295,000 | 136,148.31 | 1,951,980.97 |
| 1940 | 221,747.62 | (6,714.88) | 1,170,089,000 | 189,323.12 | 1,565,006.89 |
| 1950 | 425,738.75 | 82,500.33 | 1,679,684,000 | 285,995.55 | 2,395,014.26 |
| 1955 | 460,442.22 | 118,478.75 | 1,837,989,000 | 359,781.64 | 3,011,905.16 |
| 1960 | 590,712.09 | 98,256.13 | 1,904,407,000 | 549,805.88 | 3,437,992.19 |
| 1965 | 649,787.85 | 136,508.00 | 2,164,558,000 | 621,902.98 | 3,868,643.14 |
| 1970 | 918,114.68 | 2,287,953.86 | 2,416,227,000 | 998,847.70 | 4,128,863.32 |
| 1971 | 1,144,765.17 | 325,782.00 | 2,381,695,000 | 1,060,175.88 | 4,210,670.46 |
| 1972 | 1,266,734.25 | 135,974.76 | 2,447,524,000 | 1,079,565.96 | 4,416,877.84 |
| 1973 | 1,292,741.13 | 126,622.64 | 2,437,870,000 | 1,078,244.62 | 4,679,316.24 |



## BONDED INDEBTEDNESS
### General City Bonds Issued for Purposes of the Water System
### DECEMBER 31, 1973

| Date of Issue | Maturity | Interest Rate Per Year | Par Value of Issue | Redeemed | Outstanding End of Year | Interest Accrued in Year |
|---|---|---|---|---|---|---|
| Mar. 9, 1903 | 1943 | 4% | $ 300,000 | $ 300,000 | $.......... | $.......... |
| Mar. 9, 1903 | 1923 | 4% | 300,000 | 300,000 | .......... | .......... |
| Apr. 19, 1913 | 1933 | 4.5% | 150,000 | 150,000 | .......... | .......... |
| May 1, 1920 | 1960 | 5.25% | 400,000 | 400,000 | .......... | .......... |
| Feb. 1, 1924 | 1944 | 4.35% | 280,000 | 280,000 | .......... | .......... |
| May 1, 1970 | 1990 | 5.9% | 2,000,000 | 300,000 | 1,700,000 | 102,266.68 |
| TOTAL | | | $3,430,000 | $1,730,000 | $1,700,000 | $102,266.68 |

# MUNICIPAL WATER SYSTEM

## SUMMARY OF STATISTICS

| | 1973 | 1972 |
|---|---|---|
| Population Supplied— Federal Census (1970) | 46,299 | 46,299 |
| Total Pumpage for Year—Gallons | 2,437,870,000 | 2,447,524,000 |
| Maximum Daily Consumption | 8,598,000 | 8,431,000 |
| Average Daily Pumpage—Gallons | 6,679,096 | 6,687,224 |
| Gallons per Day to Each Inhabitant on Total Pumpage | 144.26 | 144.44 |
| Water Supply—Wells in Use | 13 | 13 |
| Area of Water Shed—Square Miles (Cassadaga Valley Station) | 140 | 140 |
| Number of Gallons Pumped at 165 psi per K.W.H. Electricity—Clay Pond Station | 491.59 | 540.83 |
| Number of Gallons Pumped at 91 psi per K.W.H. Electricity—Cassadaga Station | 1,058.91 | 957.44 |
| Number of Gallons Pumped at 70 psi per K.W.H. Electricity—Buffalo Street Station | 812.46 | 734.08 |
| Storage Reservoirs— Total Capacity in Gallons | 12,000,000 | 12,000,000 |
| Active Services—End of Year | 13,716 | 13,748 |
| Hydrants in Service—End of Year | 1,126 | 1,130 |
| Meters in Service—End of Year | 14,025 | 14,039 |
| Percentage of Active Services—Metered | 99.91% | 99.93% |
| Range of Pressure in Mains—Lbs. | 30 to 140 | 30 to 140 |
| Miles Cast Iron Mains in Service— End of Year | 163.202 | 162.969 |
| Miles W. I., Ductile, Copper, and Transite Mains in Service—End of Year | 13.508 | 13.750 |