

BOARD OF PUBLIC UTILITIES

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1969

GOVERNMENT DOCUMENTS

ANNUAL REPORT

FOR THE YEAR ENDING
DECEMBER 31, 1969



CITY OF JAMESTOWN, NEW YORK

ANNUAL REPORT 1969

BOARD OF PUBLIC UTILITIES
CITY OF JAMESTOWN
NEW YORK



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Robert A. Larson

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 completed.
- 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. Electric rates reduced.
- 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—Properties at 110-126½ Steele Street acquired for power plant expansion purposes. Supplementary water well system approved by Water Power and Control Commission. Schedule of increased water rates made effective October 1, 1948.
- 1951—20,000 K.W. extension to Steele Street Station, three substations and connecting underground conduit and transmission system completed and placed in operation. 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, installed, complete with transmission lines to new switchgear at Allen Street Substation.
- 1956—Direct current eliminated. Newland Avenue Substation completed. Well No. 8 added to water system. Schedule of increased water rates made effective September 1, 1956.
- 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 the Electric and Water 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.
- 1967—Expansion of electric and steam generating facilities and addition to water supply system in progress. Schedule of increased water rates made effective July 1, 1967.
- 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. Underground conduit system installed for tie line — Dow Street to Samuel A. Carlson Electric Generating Station.

**BOARD OF PUBLIC UTILITIES
CITY OF
JAMESTOWN, NEW YORK**

DIVISION OF
WATER, LIGHT AND POWER

May 1, 1970

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

Gentlemen:

The annual reports of the Jamestown municipal water and electric utility systems for the year 1969 are submitted herewith as required by Section 129 of the Charter of the City of Jamestown.

Respectfully submitted,

MERLE W. SMEDBERG, Superintendent

ROBERT A. LARSON, 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, 1969**

MUNICIPAL ELECTRIC SYSTEM

BALANCE SHEET AS OF DECEMBER 31, 1969-1968

ASSETS		
Fixed Assets:	1969	1968
Operating Property — Electric	\$21,666,556.44	\$18,712,120.70
Construction Work in Progress	3,499,961.29	5,313,884.97
Non-operating Property	5,500.00	21,356.03
Investments:		
Miscellaneous Investments	645,000.00	250,000.00
Depreciation Reserve Fund—Cash	2,823.94	793.33
Depreciation Reserve Fund— Investments	148,000.00	477,000.00
Depreciation Reserve Fund— Interest Accrued	274.60	1,081.26
Current Assets:		
Cash—General	154,745.21	375,145.93
Working Funds	680.00	680.00
Material and Supplies	242,763.30	260,985.90
Receivables from Municipality	21,429.14	31,147.31
Accounts Receivable	241,374.80	261,426.72
Interest Accrued	1,480.08	1,218.84
Prepayments	44,983.83	21,499.46
Other Deferred Charges	3,250.71	2,893.09
Miscellaneous Suspense	(17,423.36)	(17,423.36)
TOTAL ASSETS	<u><u>\$26,661,399.98</u></u>	<u><u>\$25,713,810.18</u></u>
LIABILITIES		
Long Term Debt:		
Bonds	\$, 115,000.00	\$ 230,000.00
Current and Accrued Liabilities:		
Payables to Municipality	238.82	244.44
Accounts Payable	185,893.01	191,147.57
Notes Payable	2,650,000.00	2,300,000.00
Customers' Deposits	10,065.33	9,531.78
Interest Accrued	64,660.70	28,711.31
Advance Billings and Payments	109.10	109.10
Miscellaneous Current Liabilities	234,360.21	212,543.21
Reserves:		
Depreciation Reserve— Operating Property	12,206,397.44	11,833,184.69
Depreciation Reserve— Non-operating Property	—	19,608.74
Contributions for Extensions	181,566.55	181,566.55
Reserve for Uncollectible Accounts	8,485.05	7,900.78
Deferred Credits	443.45	1,203.65
Retained Net Income Invested in Utility Plant, Working Capital, Etc.	11,004,180.32	10,698,058.36
TOTAL LIABILITIES AND RETAINED NET INCOME	<u><u>\$26,661,399.98</u></u>	<u><u>\$25,713,810.18</u></u>

Parentheses denote red figure.

MUNICIPAL ELECTRIC SYSTEM

OPERATING STATEMENT

For the Years Ended December 31, 1969-1968

	1969	1968
OPERATING INCOME:		
Operating Revenues—Electric	\$3,947,046.19	\$3,831,911.84
Other Revenues:		
Steam Sales	\$ 24,449.72	\$ 18,888.25
Miscellaneous	14,046.69	13,634.28
Total Other Electric Revenues	\$ 38,496.41	\$ 32,522.53
Total Operating Revenues	\$3,985,542.60	\$3,864,434.37
OPERATING EXPENSES:		
Production	\$2,125,628.83	\$1,960,108.24
Transmission and Distribution	190,126.10	159,018.60
Street Lighting	21,135.17	18,723.36
Consumers' Accounting and Collecting ..	131,180.62	123,594.19
Sales Expense	(6,782.92)	(4,649.96)
Administrative and General	290,358.07	262,551.44
Depreciation	429,790.29	543,015.65
Taxes on Property Outside the City	43,541.02	43,735.35
Uncollectible Revenues	2,587.78	2,154.92
Contributions to City in Lieu of Taxes	391,000.00	391,000.00
Total Operating Expenses	\$3,618,564.96	\$3,499,251.79
NET ELECTRIC OPERATING INCOME	\$ 366,977.64	\$ 365,182.58
OTHER INCOME:		
Non-operating Rents	\$ 1,200.00	\$ 1,350.00
Interest	51,680.74	64,061.65
Miscellaneous Non-operating Revenues ...	—	55.00
Total Other Income	\$ 52,880.74	\$ 65,466.65
GROSS INCOME	\$ 419,858.38	\$ 430,649.23
INCOME DEDUCTIONS:		
Interest on Long Term Debt	\$ 2,913.33	\$ 4,753.34
Other Income Deductions	113,473.78	80,663.94
Total Income Deductions	\$ 116,387.11	\$ 85,417.28
NET INCOME	\$ 303,471.27	\$ 345,231.95

Parentheses denote red figure.

STATEMENT OF RETAINED NET INCOME

Balance, January 1, 1969	\$10,698,058.36
Add:	
Net Income—1969	\$303,471.27
Miscellaneous Credits	3,752.71
	\$11,005,282.34
Deduct:	
Miscellaneous Contributions—City (Net)	1,102.02
Balance, December 31, 1969	\$11,004,180.32

MUNICIPAL ELECTRIC SYSTEM
OPERATING REVENUES — ELECTRIC
For the Years Ended December 31, 1969-1968

	1969		1968	
	K.W.H. Sold	Revenue	K.W.H. Sold	Revenue
Residential Sales	59,887,812	\$1,227,304.26	57,543,172	\$1,190,832.58
Commercial Sales	61,310,236	1,096,989.46	58,260,601	1,040,675.37
Industrial Sales	97,966,272	1,277,067.11	99,745,466	1,276,836.73
Public St. Lighting— Jamestown	2,349,707	82,952.42	2,363,218	76,262.74
Public St. Lighting— Other	657,798	32,812.45	599,711	31,062.28
Other Sales to City of Jamestown	10,742,466	147,335.00	10,764,720	142,648.08
Other Sales to Other Public Authorities .	5,230,006	82,585.49	4,653,668	73,594.06
TOTAL	<u>238,144,297</u>	<u>\$3,947,046.19</u>	<u>233,930,556</u>	<u>\$3,831,911.84</u>

MISCELLANEOUS ELECTRIC REVENUES

	1969	1968
Value of Cinders Supplied to City— Department of Public Works	\$ —	\$ 149.51
Value of Steam Supplied to City Departments ..	24,449.72	18,888.25
Meter Reconnection Charges	913.00	951.00
Temporary Service Charges	156.00	96.00
Pole Attachment Revenues.....	12,977.69	12,312.77
Other Miscellaneous Revenues	—	125.00
TOTAL	<u>\$38,496.41</u>	<u>\$32,522.53</u>

TAXES—DIRECT AND TAX EQUIVALENTS

	1969	1968
Town of Ellicott—State and County Tax	\$ 11,571.70	\$ 15,106.31
Town of Ellicott—School Tax	24,330.04	20,619.64
Villages of Celoron and Falconer—Village Tax	7,639.28	8,009.40
City of Jamestown—Contributions in Lieu of Taxes	391,000.00	391,000.00
TOTAL	<u>\$434,541.02</u>	<u>\$434,735.35</u>
Percentage to Electric Service Revenues	<u>11.01</u>	<u>11.35</u>

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
1966	3,589,083.80	385,355.70	250,713,053	7.78	3,152,461.36	9,858,912.71
1967	3,729,710.27	225,260.03	259,734,780	7.96	3,303,900.93	10,354,682.73
1968	3,864,434.37	213,958.36	268,448,766	8.15	3,584,669.07	10,698,058.36
1969	3,985,542.60	2,954,435.74	272,527,606	8.64	3,734,952.07	11,004,180.32

BONDED INDEBTEDNESS

General City Bonds Issued for Purposes of the Electric System
December 31, 1969

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	2,185,000	115,000	2,913.33
			<u>\$2,714,000</u>	<u>\$2,599,000</u>	<u>\$115,000</u>	<u>\$2,913.33</u>

MUNICIPAL ELECTRIC SYSTEM

PRODUCTION STATISTICS

Year Ended December 31, 1969

Station Output and Costs:

Maximum System Demand — June 26, 1969, 10-11 A.M.	52,856 K.W.
Cost of Generation Including Power Plant Depreciation	\$1,903,173.43
Cost of Electricity Purchased	431,614.96
Purchased Electricity Expense	585.93
Total Production Cost	<u>\$2,335,374.32</u>

Fuel Consumed:

Kind of Fuel—Bituminous Coal	
Quantity Used for Generation	121,059 T.
Cost of Coal Consumed	\$1,045,375.30
Average Cost per Ton Consumed	\$8.64
Pounds of Coal per Kilowatt Hour (Gross Generation)	1.02

Summary of Production and Sales:

K.W.H. Generated	238,232,800
K.W.H. Purchased	<u>34,294,806</u>
K.W.H. Generated and Purchased	272,527,606
Less: K.W.H. All Station Uses	<u>19,319,800</u>
K.W.H. Available for Distribution	<u><u>253,207,806</u></u>

	Customers End of Year	K.W.H.
Disposal of Energy:		
Residential Service	16,048	59,887,812
Commercial Service	3,149	61,310,236
Industrial Service	157	97,966,272
Street Lighting—Other Municipalities	5	657,798
Other Sales to Other Public Authorities	62	5,230,006
Used by City of Jamestown:		
Municipal Street Lighting	1	2,349,707
Other Municipal Purposes	105	10,742,466
Within Electric Department		<u>468,371</u>
Total Supplied and Used	<u>19,527</u>	<u>238,612,668</u>
Lost and Unaccounted For		<u>14,595,138</u>
Total to Balance		<u><u>253,207,806</u></u>

Per Cent of Lost and Unaccounted For	5.8%
1969 Average Units Used per Residential Customer	3,732 K.W.H.
1969 Average Annual Residential Bill	\$76.48
1969 Residential Revenue per K.W.H.	2.05c
Population of Localities Served—1960 Federal Census	51,650

ANNUAL REPORT

of the

MUNICIPAL WATER SYSTEM

of the

**CITY OF JAMESTOWN
NEW YORK**



**FOR THE YEAR ENDED
DECEMBER 31, 1969**

MUNICIPAL WATER SYSTEM

BALANCE SHEET AS OF DECEMBER 31, 1969-1968

ASSETS		
Fixed Assets:	1969	1968
Water Plant in Service	\$5,777,885.81	\$5,550,629.56
Other Physical Property	3,847.05	3,847.05
Construction Work in Progress	1,959,092.56	1,734,040.25
Investments:		
Depreciation Fund	75,000.00	200,000.00
Water Improvement Fund	984,000.00	1,232,000.00
Current and Accrued Assets:		
Cash—General	20,487.42	44,108.95
Cash—Water Rebate Fund	18,758.10	16,875.78
Working Funds	83.29	83.29
Accounts Receivable—Consumers	128,253.20	127,923.85
Accounts Receivable—Miscellaneous	5,078.37	2,090.96
Receivables from Municipality	14,753.21	14,430.33
Interest Receivable	1,511.73	16,192.76
Material and Supplies	172,596.63	144,473.91
Prepayments	26,746.34	31,550.03
TOTAL ASSETS	<u><u>\$9,188,093.71</u></u>	<u><u>\$9,118,246.72</u></u>
LIABILITIES		
Current and Accrued Liabilities:		
Notes Payable	\$2,500,000.00	\$2,500,000.00
Payables to Municipality	8,153.65	6,867.16
Accounts Payable	7,638.69	26,631.15
Customers' Deposits	18,868.10	16,995.78
Interest Accrued	68,374.43	61,281.92
Wages Accrued	6,312.18	5,874.17
Other Current Liabilities	59,773.79	56,205.79
Reserves:		
Reserve for Depreciation of Water Plant	2,239,303.90	2,171,860.89
Reserve for Uncollectible Accounts	69.85	69.85
Contributions in Aid of Construction:		
Federal Government Grants		
Not Subject to Repayment	80,142.93	80,142.93
Contributions in Aid of Construction—		
Other	21,102.54	21,102.54
Retained Net Income Invested in Utility Plant, Working Capital, Etc.	4,178,353.65	4,171,214.54
TOTAL LIABILITIES AND RETAINED NET INCOME	<u><u>\$9,188,093.71</u></u>	<u><u>\$9,118,246.72</u></u>

MUNICIPAL WATER SYSTEM

OPERATING STATEMENT FOR THE YEARS ENDED

December 31, 1969-1968

	1969	1968
OPERATING REVENUES:		
Sales of Water	\$839,571.00	\$836,294.36
Other Water Revenues	10,555.14	10,286.65
TOTAL OPERATING REVENUES	<u>\$850,126.14</u>	<u>\$846,581.01</u>
OPERATION AND MAINTENANCE:		
Source of Supply Expenses	\$ 26,348.74	\$ 29,400.06
Power and Pumping Expenses	186,883.53	163,376.22
Transmission and Distribution Expenses	150,129.46	128,152.56
Customers' Accounting & Collecting Expenses	41,194.46	37,029.37
Administrative and General Expenses	88,380.41	81,742.24
Depreciation	98,975.09	88,734.47
Operating Taxes—Outside City	56,458.78	44,559.05
Contributions to the City in Lieu of Taxes	165,000.00	165,000.00
TOTAL OPERATING REVENUE DEDUCTIONS	<u>\$813,370.47</u>	<u>\$737,993.97</u>
NET OPERATING REVENUES	<u>\$ 36,755.67</u>	<u>\$108,587.04</u>
OTHER INCOME:		
Interest on Investments	\$ 74,836.23	\$ 73,692.28
TOTAL OTHER INCOME	<u>\$ 74,836.23</u>	<u>\$ 73,692.28</u>
GROSS INCOME	<u>\$111,591.90</u>	<u>\$182,279.32</u>
INCOME DEDUCTIONS:		
Interest on Notes Payable	\$104,339.05	\$ 61,280.82
Interest on Consumers' Deposits.....	4.27	3.29
Other Income Deductions	109.47	—
TOTAL INCOME DEDUCTIONS.....	<u>\$104,452.79</u>	<u>\$ 61,284.11</u>
NET INCOME	<u>\$ 7,139.11</u>	<u>\$120,995.21</u>

STATEMENT OF RETAINED NET INCOME

Balance, January 1, 1969	\$4,171,214.54
Add: Net Income—December 31, 1969	7,139.11
Balance, December 31, 1969	<u>\$4,178,353.65</u>

MUNICIPAL WATER SYSTEM

OPERATING REVENUES

Year Ended December 31, 1969

Item	Number of Customers	No. of M Gals. Sold	Revenue
Residential Metered Sales	12,489	867,868	\$409,212.99
Commercial Metered Sales	1,032	271,640	144,334.05
Industrial Metered Sales	115	487,006	209,191.73
Private Fire Protection—Metered	48	7,358	3,189.93
Private Fire Protection—Unmetered —	14		1,578.00
Public Fire Protection—City of Jamestown—Hydrant Rental	1		33,085.20
Public Fire Protection—Other Hydrant Rental	4		7,785.00
Other Sales to Public Authorities	33	13,360	6,391.85
Sales to Operating Municipality	* 74	58,051	24,802.25
TOTAL SALES OF WATER	13,810	1,705,283	\$839,571.00
Customers' Forfeited Discounts			\$ 7,105.85
Merchandise and Jobbing			2,401.18
Service Reconnection Charges			57.00
Meter Repair Charges			991.11
TOTAL OTHER WATER REVENUES			\$ 10,555.14
TOTAL OPERATING REVENUES—WATER			\$850,126.14

*Each active service connection.

TAXES — DIRECT AND TAX EQUIVALENTS

1969-1968

	1969	1968
Town of Ellicott—State, County and Town Tax \$	11,579.55	\$ 16,707.60
Town of Ellicott—School Tax	26,228.51	20,652.45
Town of Poland—State, County and Town Tax	3,331.87	287.45
Town of Poland—School Tax	11,196.43	2,673.45
Villages of Celoron and Falconer—Village Tax	4,122.42	4,238.10
City of Jamestown—Contributions in Lieu of Taxes	165,000.00	165,000.00
TOTAL	\$221,458.78	\$209,559.05
Percentage to Total Operating Revenues	26.05%	24.75%

MUNICIPAL WATER SYSTEM COMPARATIVE STATEMENT

Year	Total Water Operating Revenues	Net Permanent Improvements and Extensions	Gallons Pumped	Operation and Maintenance Cost with Deprecia- tion 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
1966	663,830.11	140,857.19	2,243,660,000	630,410.35	3,938,850.66
1967	756,603.60	178,820.69	2,207,120,000	671,340.21	4,050,219.33
1968	846,581.01	771,816.05	2,216,550,000	799,278.08	4,171,214.54
1969	850,126.14	227,256.25	2,249,488,000	917,823.26	4,178,353.65

BONDED INDEBTEDNESS

General City Bonds Issued for Purposes of the Water System

December 31, 1969

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	.....	.....
TOTAL			\$1,430,000	\$1,430,000	\$.....	\$.....

MUNICIPAL WATER SYSTEM

SUMMARY OF STATISTICS

Population Supplied—	1969	1968
1960 Federal Census	49,400	49,400
Total Pumpage for Year—Gallons	2,249,488,000	2,216,550,000
Maximum Daily Consumption	7,200,000	7,187,000
Average Daily Pumpage—Gallons	6,162,981	6,056,148
Gallons per Day to Each Inhabitant on Total Pumpage	124.76	122.59
Water Supply—Wells in Use	21	19
Area of Water Shed—Square Miles (Cassadaga Valley Station)	140	140
Coal Consumed at Cassadaga Valley Station	1,430,900 lbs.	1,355,800 lbs.
Number of Gallons Pumped per K.W.H. Electricity—Cassadaga Station	1,140.58	1,032.24
Number of Gallons Pumped per K.W.H. Electricity—Buffalo Street Station	812.94	853.61
Storage Reservoirs— Total Capacity in Gallons	11,500,000	11,500,000
Active Services—End of Year	13,762	13,720
Hydrants in Service—End of Year	1,123	1,117
Meters in Service—End of Year	14,237	14,206
Percentage of Active Services—Metered	99.89%	99.89%
Range of Pressure in Mains—Lbs.	30 to 140	30 to 140
Miles Cast Iron Mains in Service— End of Year	160.494	159.083
Miles W. I., Ductile, Copper, and Transite Mains in Service—End of Year.....	14.125	14.529