

PUBLIC SERVICES

Public Works Department

Light and Power Department

Park Commission, Division of Recreation

**ANNUAL REPORT
DEPARTMENT OF PUBLIC WORKS**

**FISCAL YEAR 2022
JULY 1, 2021 – JUNE 30, 2022**

To the Honorable Board of Selectmen, the Executive Assistant, and the Citizens of the Town of Hudson, I hereby submit the annual report of the Department of Public Works for the fiscal year ending June 30, 2022.

STREETS

Street sweeping was conducted in Spring and late fall of 2022 by DPW Roadway Division.

Roadways planned for FY22 milling and overlay were completed in Q1 – FY23. These streets included Baben Rd, Collins Dr, Mackin Rd, Villa Do Porto and Wheeler Road.

CHAPTER 90

The following roadways were milled and overlaid by Mass Broken Stone Corporation as part of the Road Paving Project list, Main street from High Street to the Bridge by Priest Street intersection, Cox Street from Zina to Tower Rd, Causeway Street. The cost of this project was reimbursed by the Commonwealth of Massachusetts under the Chapter 90 program.

SIDEWALKS

Town DPW reconfigured the Cox Street intersection at Old Bolton Rd and Old Stow Rd as part of a traffic calming measure. The Town's DPW constructed sidewalks on Baben Rd and Collins Drive

DRAINAGE

Catch basins are scheduled to be cleaned once every other year due to the elimination of the use of sand for snow clearing process as recommended by Federal and State' Environmental agencies. That process resulted in a huge reduction of sedimentation in the Town's Storm Drain System.

Our employees regularly cleaned catch basins as required. Drainage ditches were again widened and/or cleaned as needed by the Central Mass. Mosquito Control at various locations throughout the town.

A total of 27 catch basins and/or drain manholes and drain pipe and perimeter drains were installed and/or repaired.

SEWER

The Sewer Division, under the supervision of the Chief Operator, treated and discharged 644.35 million gallons of sewage.

MAIN STOPPAGES			
2021		2022	
JULY	3	JANUARY	1
AUGUST	1	FEBRUARY	1
SEPTEMBER	3	MARCH	3
OCTOBER	0	APRIL	2
NOVEMBER	0	MAY	0
DECEMBER	0	JUNE	5
TOTAL STOPPAGES			19

MILLION GALLONS OF RAW SEWAGE TREATED			
2021		2022	
JULY	69.29	JANUARY	49.62
AUGUST	50.15	FEBRUARY	60.39
SEPTEMBER	59.87	MARCH	63.67
OCTOBER	53.02	APRIL	55.66
NOVEMBER	53.91	MAY	44.19
DECEMBER	48.38	JUNE	36.20
TOTAL			644.35

WATER

The Water Division supplied the town with over 544,889,000 gallons of water, a 0.2% decrease from 545,985,360 million gallons in FY'21. Monthly tests were performed for coliform, quarterly and monthly tests for PFC's, as well as testing for pesticides, nitrates, synthetic organic and inorganic elements. Copies of all test results are available for inspection in the Public Works Office. The 2021 Annual Drinking Water Quality Report was mailed to all residences in June of 2021 as required by DEP. This report, as well as water drought conditions, can be found on the Town's website. In December of 2021, construction began on the new permanent PFAS removal facility. The plant went online on August 3rd 2022. It is located adjacent to the existing Chestnut St Water Treatment Plant. Beginning in March, DPW personnel began replacing a 6" gate valve, 12 hydrants and also investigated service line material on 18 water services in preparation for paving. The DPW repaired 15 water main leaks and 6 water services over the course of the fiscal year. Town-wide hydrant flushing was performed in the months of April and May. In FY'22 Chestnut Well 2 was cleaned and redeveloped by F.G. Sullivan Well Drilling, at a total cost of \$24,232.

FY '22 TOTAL SOURCE WATER TREATED (GALLONS)	
Sources	2021-2022
Cranberry Well	167,696,000
Kane Well	123,585,000
Chestnut Well #1A	115,133,000
Chestnut Well #2	90,489,000
Chestnut Well #3	55,400,000
Gates Pond	63,485,000
Total:	615,788,000

PIPE WIDTH	IN FEET	PIPE WIDTH	IN FEET
20"	24	12"	99,050
18"	15,707	10"	73,095
16"	18,498	8"	212,011
14"	6,185	6"	144,230

WATER DISTRIBUTION SYSTEM			
NUMBER OF GATES	2,650	NEW SERVICES	8
TOTAL NUMBER HYDRANTS	1,008	SERVICES REPAIRED	6
HYDRANTS REPAIRED	18	WATER MAIN BREAKS REPAIRED	15
HYDRANTS REPLACED	24	METERS REPLACED	65
WATER SERVICE STUBS	3		

FY' 22 TOTAL FINISH WATER CONSUMED (GALLONS)			
MONTH	CHESTNUT WFP	GATES POND WTF	TOTAL
JUL	43,479,000	3,953,000	47,432,000
AUG	44,002,000	4,604,000	48,606,000
SEP	38,174,000	4,525,000	42,699,000
OCT	40,725,000	1,943,000	42,668,000
NOV	36,951,000	1,746,000	38,697,000
DEC	37,062,000	3,367,000	40,429,000
JAN	37,590,000	4,242,000	41,832,000
FEB	41,711,000	2,829,000	44,540,000
MAR	38,408,000	4,660,000	43,068,000
APR	39,577,000	3,665,000	43,242,000
MAY	52,198,000	3,949,000	56,147,000
JUN	51,433,000	4,096,000	55,529,000
TOTAL	501,310,000	43,579,000	544,889,000

YEARLY RAINFALL SINCE 1928

YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT	YEAR	AMOUNT
1928	48.39	1945	45.18	1962	47.48	1979	49.68	1995	42.88	2017	42.82
1929	38.92	1947	38.44	1965	34.30	1983	58.22	2000	47.93	2018	46.42
1930	30.36	1948	42.27	1966	34.30	1984	57.15	2001	33.06	2019	64.68
1931	42.36	1949	29.62	1967	46.90	1985	34.55	2002	47.47	2020	47.39
1932	42.36	1950	37.91	1968	44.42	1986	35.33	2003	48.52	2021	36.70
1933	46.88	1951	51.26	1969	47.48	1987	37.79	2004	80.04		
1934	45.45	1952	41.79	1970	38.87	1988	41.29	2005	47.42		
1935	39.63	1953	50.24	1971	40.34	1989	39.45	2006	58.83		
1936	51.09	1954	58.93	1972	61.83	1990	40.38	2007	53.29		
1937	46.20	1955	56.33	1973	49.10	1991	45.20	2008	45.26		
1938	55.42	1956	40.70	1974	45.59	1991	45.20	2009	54.59		
1939	35.78	1957	32.49	1975	47.48	1992	48.02	2010	53.77		
1940	40.73	1958	49.47	1976	35.08	1993	42.81	2011	49.79		
1941	25.81	1959	48.53	1977	48.61	1994	50.04	2012	55.73		
1942	36.08	1960	45.25	1978	41.25	1996	64.61	2013	45.51		
1943	37.43	1961	45.40	1980	33.02	1997	40.78	2014	48.70		
1944	42.71	1963	37.22	1981	40.18	1998	58.54	2015	39.19		
1946	42.94	1964	34.36	1982	54.29	1999	39.53	2016	41.81		

PARKS

The Parks Department prepared all Town fields for use prior to the fall and spring seasons. All fields were fertilized four (4) times per year. Markings were performed weekly for all High School sporting events. Initial marking for youth sports was done prior to the start of each season. Mowing of grass and general cleanup was undertaken at the various smaller Town Parks, traffic islands and the Rail Trail.

CEMETERY

The Cemetery Division is responsible for the maintenance of the two Town cemeteries: Forestvale and Main Street. Rules and Regulations for these cemeteries are under the jurisdiction of the Cemetery Commission. There were 85 interments during FY'22.

	JUL-SEP	OCT-DEC	JAN-MAR	APR-JUN	TOTAL
# OF BURIALS	27	21	16	21	85
TOTAL PLOTS SOLD	8	16	19	2	45
BURIAL REVENUE	\$ 9,500	\$ 8,975	\$ 6,600	\$ 5,800	\$ 30,875
LOT REVENUE	\$ 3,600	\$ 8,000	\$ 8,900	\$ 1,000	\$ 21,500
PERPETUAL CARE	\$ 2,400	\$ 4,800	\$ 5,700	\$ 600	\$ 13,500
DEED REVENUE	\$ 250	\$ 350	\$ 400	\$ 50	\$ 1,050
					\$ 66,925

FORESTRY

In the past year, 64 trees were removed from public property. Additional trees and brush were trimmed from the public way for greater visibility and sight distance.

SNOW

The 2021-2022 snow season started in October 2021 and continued until February 2022. The Department applied approximately 3,050 tons of salt and 15,350 gallons of Liquid Inhibitor for treating roadway. The total accumulation of snowfall from measurements taken by the Public Works employees at the Wastewater Treatment Facility was approximately 47". This was 4.3" less than the previous year.

SNOW ACCUMULATION	
MONTH	SNOWFALL
OCTOBER	0
NOVEMBER	0
DECEMBER	1
JANUARY	28
FEBRUARY	18
TOTAL	47 in.

CURBSIDE PICKUP PROGRAM

The town elective curbside program started in May 2022. We had 752 customers sign up at the initial startup and currently have 1,079 customers.

OTHER DEPARTMENTAL WORK

On behalf of myself and the other members of the Department, we extend our thanks to all the various Town Departments for their cooperation during the past year. I also take this opportunity to thank the members of the Public Works Department for their continued dedication to the Town and the office of the Executive Assistant, Board of Selectmen, Finance Committee, members of the ITC and other department heads for their assistance.



Director of Public Works

III MITIGATION ASSESSMENT ACCOUNT #4400-1229

The monies received and expended in this account and reported by the Director of Public Works are as follows:

BALANCE AS OF JULY 1, 2021	\$ 215,839.51
TOTAL RECEIPTS (JULY 1, 2021 – JUNE 30, 2022)	\$ 33,318.00
TOTAL EXPENDITURES (FY'22)	\$ 87,732.00
BALANCE AS OF JUNE 30, 2022	\$ 139,114.00

**HUDSON LIGHT AND POWER DEPARTMENT
2022 ANNUAL REPORT**

MESSAGE FROM THE BOARD

In 2022, the Department continued to provide excellent service to our customers both in the field with upgrades to our systems, as well as in the day-to-day services of the customer service department.

Eversource Corporation broke ground on the new Sudbury-Hudson underground transmission line in November 2022. The Department completed the engineering design for the new 115,000-volt switchyard. The Board awarded a contract for the new control house for this project.

2022 also presented challenges to our Industry. The supply chain issues post-pandemic affected the Department with much longer lead times for necessary equipment, for example, as much as a two-year lead time on transformers.

In 2022 the Department offered new rebate programs to further our goal in developing a clean energy future. Battery Operated Power Equipment rebates, as well as rebates for contractors who build all electric houses were two new rebates that we, as a community owned electric company initiated to continue our path to energy decarbonization for our communities.

Jeffrey Supernor

Justin Provencher

Michael Andrade

Chairman

Clerk

Member

General Manager's Report

In 2020, the Department's auditors, in accordance with General Accounting Standards Board (GASB) regulations, required that the Rate Stabilization Trust and Employee Retirement Trust be shown on the Department's financial statements (in prior years, these were provided as separate financial statements) along with the Depreciation Fund and the Other Post Employment Benefits Trust. The Department's balance sheet has been updated to include these funds. The challenge with bringing these funds onto the balance sheet is that changes in the fund balances must flow through the Revenue & Expense report, commonly known as the Profit & Loss statement (P&L). Since the Trusts are composed of investments, realized or unrealized gains or losses in the market must be reflected in the P&L. The Department has approximately \$52 million (of market value) in investments earmarked for future liabilities and capital expenditures. An investment gain (or loss) of only 5% could result in the Department reporting a \$2.6 million profit (or loss) based solely on market fluctuations. These market fluctuations could mask the actual financial operations of the Department. The Department's typical annual budget plans for a 1% to 2% operating profit margin which is about \$250,000 to \$500,000. One must be careful when analyzing the financial health of the Department by looking at profits; net profits (or losses) will be affected by all market investment returns.

In 2022, the total net profit was about \$2.9 million where about \$915,000 was attributable to investment returns in the market. About \$940,000 of profit was attributable to revenue from two large industrial customers who delayed their expected closures and about \$290,000 was from the final divestment of the Wyman oil-fired generating station located in Maine.

The Department transferred ~\$2.1 million to the Town of Hudson for the payment in lieu of tax, reimbursement for health care costs, reimbursement for pension costs, insurance, and police traffic details. This represents 7.81% of the Department's total operating revenue collected in 2022:

Payment in lieu of tax:	\$225,000
Reimbursement for employee health care costs:	\$320,033
Reimbursement for employee pension costs:	\$1,500,489
Reimbursement for Workman's Compensation Insurance:	\$25,587
Police traffic details:	<u>\$60,335</u>
Total transferred to Town of Hudson:	\$2,131,444

In 2022, Eversource Corporation broke ground on the new Sudbury-Hudson underground transmission line. In support of this project, the Department completed the engineering design for the new 115,000-volt switchyard which included specific technical bid packages and relay protection schemes. The Board awarded a contract for the new control house to EP² located in Des Moines, Iowa in the amount \$1,657,289.

Other improvements made to the HLPD system in 2022 included the replacement of old electro-mechanical feeder relays with new, redundant, solid-state relays; a new fire detection system at the Cherry Street Generating Station; the conversion of streets from an old 4,160-volt circuit to a new 13,800-volt circuit: Bradford, Lincoln (from Bradford to Cox), First, Second, Third, Byron, Alan, Philip, Howard, Ruth Ellen; and the extension of circuits to provide redundancy to the Town of Stow.

The Department optimized two of its generating assets (Fairbanks Morse units 10 and 11) by removing them from the ISO-NE Forward Capacity Market and repurposing them as load shedding units. This process realized a net savings of approximately \$475,000 in 2022.

The Department continued to support energy efficiency and renewable energy through its Residential Conservation program and its Renewable Energy and Energy Conservation Incentive Program. Throughout 2022, the Department provided about \$242,000 back to its customers in the form of rebates.

Due to increased energy costs, the Board approved an 8 mil per kWh (\$0.008/kWh) increase in the Power Adjustment Charge in June. Inflation and geopolitical risks drove the price of natural gas to very high levels which resulted in high electricity prices in the wholesale market. Even with this rate increase, the Department fared better than most other electric utilities and ended the year with the lowest average residential rates in New England.

In accordance with Chapter 164, Section 57 of the Massachusetts General Laws, attached are the estimated income and estimated receipts and expenditures from the sales of electricity:

Estimated Income from Sales of Electricity - 2023

From Sales to Municipal Customers	\$1,456,204
From Sales to Domestic Customers	13,981,467
From Sales to Commercial Customers	4,135,134
From Sales to Power Customers	7,785,172
From Street Lights: Stow and Other Communities	2,836
Hudson	58,059
Total Income	\$ 27,418,872

Estimated Expenditures - 2023

Production, Generation, Purchased Power*	\$20,129,819
Distribution and Transmission	2,779,192
General	2,898,403
Depreciation	1,137,000
Total Expenditures	\$ 26,964,414

The estimated cost of electricity to be used by the Town of Hudson for all purposes for the year ending June 30, 2023 is: \$1,200,000

**In addition to Production, Generation and Purchased Power Costs, are transfers from the Rate Stabilization Fund.*

The Financial Statistics of the Hudson Light and Power Department are shown in the following pages.

Brian R. Choquette, General Manager

DEFINITIONS

Accrual Basis of Accounting: revenue is recognized when it is realized and expenses are recognized when incurred, without regard to the time of receipt of payment. The focus of accrual accounting is on the realization of revenue, the incurrence of costs, and the matching of revenue with costs incurred. This "matching" concept requires that the cost incurred to create revenues be accounted for at the same time. Consequently, if revenue is accounted for during a period, the "matching" costs must be accounted for even if it requires an estimation of these costs. Hudson Light and Power Department utilizes Accrual Basis of Accounting.

Audited Financial Statements: The current year financial statements shown in this report are unaudited. Prior year financial statements have been updated using the most recent audit findings.

Balance Sheet: A Balance Sheet is a concise statement of the assets, liabilities and equity of a business as of a given date.

Assets: Anything owned that has monetary or utility value is an Asset. Assets are divided into Plant or Property Assets, Current Assets, Deferred Assets or Other Assets. Property Assets are buildings, generation equipment, transmission equipment, distribution equipment, etc. in use. Construction Work In Progress is Plant under Construction which has not been completed as of the date of the statement. Current Assets are cash, receivables, inventories of generation fuel, gasoline, lube oil, poles, etc., prepayments, unbilled utility revenues and other miscellaneous assets. Deferred Assets represent expenditures for preliminary surveys, plans, and investigations made for the purpose of determining the feasibility of utility projects under consideration. **Liabilities:** Liabilities consist of debts outstanding (unpaid bills) and in the process of accruing. They are usually classified as to Current Liabilities, Deferred Liabilities, or Long-Term Debt.

Current Liabilities are Short-Term Liabilities. They generally consist of obligations which are to be liquidated within a year from the balance sheet date and include amounts accrued to date or those liabilities which accumulate from day to day. The most common Current Liabilities are accounts payable (bills owed as of a specific date), accrued salaries and wages, accrued interest, etc.

Deferred Liabilities: Advance billings for services rendered, etc.

Long-Term Debt: Debts incurred through borrowing such as bonds and notes or other financial obligations which are payable over a long period of time.

Equity: The amounts paid on loans over the Department's existence, moneys invested by the Town in the Department, and the earnings retained in the Department as represented by property.

Income Statement: An Income Statement is a report in summary form of the revenue earned by a particular business during a specified period, together with the related costs and expenses and the losses for that same period and the resulting net income (or net loss).

COMPARATIVE BALANCE SHEET

ASSETS

	2022	2021	Increase (Decrease)
Electric Utility Plant (Net)...			
Intangible Plant	\$ 4,382.39	\$ 4,382.39	\$ -
Production Plant in Service	1,451,283.89	1,392,639.54	58,644.35
Nuclear Fuel	24,678.44	10,433.92	14,244.52
Transmission Plant in Service	703,671.85	779,035.28	(75,363.43)
Distribution Plant in Service	13,637,159.26	13,342,138.60	295,020.66
General Plant in Service	1,651,111.00	1,590,015.17	61,095.83
Construction Work In Progress	1,184,185.06	961,867.64	222,317.42
Total Utility Plant In Service	\$ 18,656,471.89	\$ 18,080,512.54	\$ 575,959.35
Other Property & Investments...			
Investments in Assoc. Companies	\$ 53,580.92	\$ 53,580.92	\$ -
Other Investments	-	-	-
Total Other Property & Investments...	\$ 53,580.92	\$ 53,580.92	\$ -
Cash Assets...			
Operation Cash	\$ 3,509,036.32	\$ 1,851,542.50	\$ 1,657,493.82
Depreciation Fund Investment	8,498,329.13	8,173,451.50	324,877.63
Insurance Escrow Reserve	76,673.96	76,331.71	342.25
Rate Stabilization Trust Fund	7,356,323.25	7,495,964.13	(139,640.88)
Petty Cash	500.00	500.00	-
Deposit Interest Account	-	-	-
Customer Deposits Account	1,619,856.57	1,606,067.64	13,788.93
Total Cash Balances	\$ 21,060,719.23	\$ 19,203,857.48	\$ 1,856,861.75
Other Current and Accrued Assets...			
Customer Account Receivables	\$ 2,496,837.11	\$ 2,212,798.42	\$ 284,038.69
Other Accounts Receivables	38,633.42	78,082.66	(39,449.24)
Material and Supplies	1,099,774.28	1,002,421.21	97,353.07
Prepayments	1,213,507.93	1,235,852.18	(22,344.25)
Prepaid Pension	-	-	-
Retirement Trust Fund	33,323,753.39	33,715,789.12	(392,035.73)
Int & Div Receivable - Depreciation	34,056.89	28,516.64	5,540.25
Int & Div Receivable - Retirement	98,883.55	77,115.51	21,768.04
Misc. Current & Accrued Assets	-	-	-
Total Other Current & Accrued Assets	\$ 38,305,446.57	\$ 38,350,575.74	\$ (45,129.17)
Deferred Assets...			
Preliminary Survey Charges	\$ -	\$ -	\$ -
Deferred Outflow Pension	1,210,843.00	1,080,985.92	129,857.08
Deferred Outflow OPEB	927,473.00	347,569.00	579,904.00
Total Deferred Assets	\$ 2,138,316.00	\$ 1,428,554.92	\$ 709,761.08
Total Assets	\$ 80,214,534.61	\$ 77,117,081.60	\$ 3,097,453.01

EQUITY AND LIABILITIES

	2022	2021	Increase (Decrease)
Equity...			
Loans Repayment	\$ 1,925,000.00	\$ 1,925,000.00	\$ -
Invested by Town	20,093.39	20,093.39	-
Retained Earnings	45,065,045.17	42,172,103.09	2,892,942.08
Total	<u>\$ 47,010,138.56</u>	<u>\$ 44,117,196.48</u>	<u>\$ 2,892,942.08</u>
Current & Accrued Liabilities...			
Accounts Payable	\$ 1,391,807.06	\$ 1,346,994.29	\$ 44,812.77
Customer Deposits	1,390,336.45	1,381,144.45	9,192.00
Customer Deposits-Interest	75,008.79	76,386.50	(1,377.71)
Tax Collections Payable			-
Old Stow Rd Solar Collateral	250,000.00	250,000.00	-
Accrued OPEB Liability	540,929.00	267,182.00	273,747.00
Accrued REECIP Liability	290,322.91	156,586.66	133,736.25
Accrued RCS Liability	6,947.38	12,607.12	(5,659.74)
Misc. Current & Accrued Liabilities	574,723.28	511,793.68	62,929.60
Rate Stabilization Reserve	7,356,323.25	7,495,964.13	(139,640.88)
Net Pension Liability	14,069,611.00	15,744,152.00	(1,674,541.00)
Deferred Pension Inflow	3,318,824.00	1,973,461.00	1,345,363.00
Deferred OPEB Inflow	886,235.00	787,549.00	98,686.00
Customer Advances for Construction	404,062.12	379,399.83	24,662.29
Total Current & Accrued Liabilities	<u>\$ 30,555,130.24</u>	<u>\$ 30,383,220.66</u>	<u>\$ 171,909.58</u>
Deferred Credits...			
Misc. Deferred Credits	\$ -	\$ -	\$ -
Deferred Credit-Power Adj Charge	278,931.88	300,311.49	(21,379.61)
Total Deferred Credits	<u>\$ 278,931.88</u>	<u>\$ 300,311.49</u>	<u>\$ (21,379.61)</u>
Contributions in aid of Construction...			
Total Contributions in aid of Construction...	<u>\$ 2,370,333.93</u>	<u>\$ 2,316,352.97</u>	<u>\$ 53,980.96</u>
	<u>\$ 2,370,333.93</u>	<u>\$ 2,316,352.97</u>	<u>\$ 53,980.96</u>
Total Equity & Liabilities	<u><u>\$ 80,214,534.61</u></u>	<u><u>\$ 77,117,081.60</u></u>	<u><u>\$ 3,097,453.01</u></u>

STATEMENT OF EQUITY

Retained Earnings on January 1, 2022	\$ 42,172,103.09
Net Income or (Loss)	3,230,253.62
Miscellaneous Credits to Retained Earnings	(46,635.40)
Total	<u>\$ 45,355,721.31</u>
Appropriation of Retained Earnings Returned to Towns	\$ 290,676.14
Miscellaneous Debits to Retained Earnings	
Total	<u>\$ 290,676.14</u>
Total Retained Earnings on December 31, 2022	<u><u>\$ 45,065,045.17</u></u>

Comparative Income Statement

Operating Statement

	2022	2021	Increase (Decrease)
Operating Revenue	\$ 27,283,857.14	\$ 26,633,452.32	\$ 650,404.82
Operating Expense...			
Production	\$ 778,404.52	\$ 925,194.06	\$ (146,789.54)
Purchased Power Expense	11,646,181.36	11,260,734.65	385,446.71
Transmission Expenses	5,561,738.91	6,015,608.00	(453,869.09)
Distribution Expenses	1,520,611.28	1,505,830.03	14,781.25
General Expenses	3,384,268.49	3,972,044.62	(587,776.13)
Depreciation	1,088,363.04	1,061,622.09	26,740.95
Taxes	18,417.22	16,354.28	2,062.94
Total Operating Expenses	\$ 23,997,984.82	\$ 24,757,387.73	\$ (759,402.91)
Net Operating Revenues	\$ 3,285,872.32	\$ 1,876,064.59	\$ 1,409,807.73
Other Income...			
Income From Contract Work	\$ -	\$ -	\$ -
Interest & Dividend Income	179,686.91	167,410.38	12,276.53
Misc. Nonoperating Income	(190,456.32)	5,010,884.69	(5,201,341.01)
Total Other Income	\$ (10,769.41)	\$ 5,178,295.07	\$ (5,189,064.48)
Miscellaneous Income Deductions...			
Other Income Deductions	\$ (2.46)	\$ 35.01	\$ (37.47)
Total Income Deductions	\$ (2.46)	\$ 35.01	\$ (37.47)
Inc. Before Interest Charges	\$ 3,275,105.37	\$ 7,054,324.65	\$ (3,779,219.28)
Interest Charges...			
Other Interest Expense	\$ 44,851.75	\$ 10,263.21	\$ 34,588.54
Total Interest Charges	\$ 44,851.75	\$ 10,263.21	\$ 34,588.54
Net Income Before Return to Towns	\$ 3,230,253.62	\$ 7,044,061.44	\$ (3,813,807.82)
Less Return to Towns	290,676.14	291,413.52	(737.38)
Net Income (Loss)	<u>\$ 2,939,577.48</u>	<u>\$ 6,752,647.92</u>	<u>\$ (3,813,070.44)</u>

INCOME STATEMENT DETAIL

Operating Revenue

January 1, 2022 to December 31, 2022

Sales to Residential Consumers	\$	6,870,865.93
Sales to Commercial Consumers		2,088,756.57
Sales to Power Consumers		4,196,633.46
Private Property Lighting Sales		63,532.52
Municipal Sales...		
Hudson Street Lights		57,838.64
Hudson Municipal Buildings		121,560.72
Hudson Municipal Power		420,326.44
Stow & Berlin Street Lights		2,824.25
Stow, Maynard & Other Municipal Service		318,654.13
Total Revenue from Sales of Electricity	\$	14,140,992.66
Power Adjustment Charges...		
Residential Sales	\$	6,067,581.31
Commercial Sales		1,659,169.84
Power Sales		4,419,066.81
Private Property Lighting		18,937.94
Municipal Power Adjustment Charges...		
Municipal Power Hudson		402,548.67
Municipal Commercial Hudson		100,268.34
Municipal Power Stow et al		284,903.32
Municipal Commercial Stow et al		20,860.18
Miscellaneous Electric Sales		-
Total Power Adjustment Charges	\$	12,973,336.41
Total Revenue From Sale of Electricity	\$	27,114,329.07
Other Income...		
Other Electric Revenues (RCS, etc.)	\$	169,528.07
Total Income	\$	27,283,857.14

INCOME STATEMENT DETAIL
Expenses

January 1, 2022 to December 31, 2022

Production

Nuclear Power Generation

Operation Supervision	\$	19,672.16
Fuel		38,827.48
Coolants and Water		3,679.55
Steam Expenses		1,887.34
Electric Expenses		-
Miscellaneous Nuclear Power Expenses		43,890.02
Maintenance Supervision		2,353.18
Maintenance of Structures		3,225.29
Maintenance of Reactor Plant Equipment		6,988.62
Maintenance of Electric Plant		2,818.77
Maintenance of Miscellaneous Nuclear Power		14,574.49
Total Nuclear Power Production Expenses	\$	137,916.90

Other Power Generation...

Operation Supervision	\$	83,646.54
Fuel Oil		57,996.01
Fuel Natural Gas		33,084.59
Generation Expense		126,087.74
Generation Expense-Lube		13,377.59
Miscellaneous Other Power Generation Expenses		115,103.16
Maintenance Supervision		37,885.42
Maintenance of Structures		36,305.57
Maintenance of Generation and Electric Plant		129,788.27
Maintenance of Miscellaneous Generation Plant		7,212.73
Total Other Production Expenses	\$	640,487.62

Purchased Power Expenses...

Purchased Power-Entitlement	\$	6,553,524.57
Purchased Power-ISO		5,216,126.19
Purchase Power - Rate Stabilization Fund		(139,640.88)
System Control and Load Dispersion		423.63
Other Expenses Purchase Power		15,747.85
Total Purchased Power	\$	11,646,181.36

Distribution Expenses...

Operation Supervision and Engineering	\$	159,753.69
Station Expenses		12,010.37
Overhead Line Expenses		21,334.86
Underground Line Expenses		3,762.60
Street Lighting & Signal Expenses		24,827.98
Meter Expenses		101,575.65

INCOME STATEMENT DETAIL

Expenses (continued)

Distribution Expenses (cont.) ...	
Customer Installation Expense	\$ 94,630.71
Miscellaneous Distribution Expenses	124,327.70
Rents	-
Maintenance of Supervision and Engineering	125,359.74
Maintenance of Station Equipment	20,893.11
Maintenance of Overhead Lines	756,957.96
Maintenance of Underground Line	29,199.40
Maintenance of Line Transformer	21,149.42
Maintenance of Street Lighting	2,951.36
Maintenance of Meters	746.79
Maintenance of Miscellaneous Distribution Plant	21,129.94
Total Distribution Expenses	\$ 1,520,611.28
Transmission Expense	\$ 5,561,738.91
General...	
Supervision	\$ 20,575.30
Meter Reader Expenses	27,830.26
Customer Records and Collection Expenses	450,620.34
Advertising Expense	283.67
Miscellaneous Sales Expense (RCS)	-
Administrative and General Salaries	311,364.19
Office Supplies and Expenses	22,704.91
Administrative Expenses Transferred	-
Outside Services Employed	112,603.60
Property Insurance	94,127.12
Injuries and Damages	128,820.07
Employee Pension and Benefits	1,780,103.16
Regulatory Commission Expenses	-
General Advertising Expense	1,963.00
Miscellaneous General Expenses	47,594.84
Maintenance of General Plant	275,532.06
Transportation Expenses	110,145.97
Depreciation Expense	1,088,363.04
Total General and Depreciation Expenses	\$ 4,472,631.53
Real Estate and Other Taxes	\$ 18,417.22
Total Operation Expenses	\$ 23,997,984.82

Footnotes to Financial Statements

The Hudson Light and Power Department's accounting policies are in conformity with generally accepted accounting principles and conform to the uniform system of accounts prescribed for Public Utilities by the Federal Energy Regulatory Commission as modified by the Massachusetts Department of Public Utilities for municipal owned lighting plants.

Revenues are computed based on monthly billings to customers. Unbilled revenues from the sale of energy are not accrued as of the end of the calendar year. Miscellaneous electric sales adjustment is for over-billed or under-billed power adjustment charges.

Electric Utility Plant Assets are stated at net cost. The provision for depreciation is determined by the straight-line method based on a 3% annual depreciation rate. The cost of maintenance and repairs is expensed as incurred; renewals, replacements and betterments are capitalized.

Preliminary Survey Charges (Deferred Assets) incurred for proposed projects through MMWEC are deferred pending bonding of the proposed facility. Funds relating to MMWEC projects are refunded to the Department after bonding. Charges relating to projects, which are undertaken by the Department, are transferred to Construction Work in Progress and eventually to Utility Plant upon completion. Projects abandoned by MMWEC or the Department are charged to expense.

Projects started but not completed are charged to **Construction Work in Progress**. Any project abandoned is charged directly to retained earnings.

Investments of the Depreciation Fund are in Certificates of Deposit and U.S. Government and Agency Securities as prescribed by law. Further, interest earned on these funds can only be used in the same manner as depreciation funds as prescribed by the Massachusetts General Laws.

Inventories: Cost of materials, supplies and fuel are valued at average cost.

Segregated Funds: The Depreciation Fund is restricted to additions and replacements of plant, property and equipment under the General Laws of the Commonwealth of Massachusetts and regulations of State agencies.

Pensions: The Department's employees are members of the Middlesex County Retirement System. The Municipal Light Board has established the Hudson Municipal Light Department Employee's Retirement Trust Fund to reimburse the Town of Hudson for retirement costs of its employees. This fund is maintained by the transfer of funds from the Department to the Trust based on actuarial studies performed by a professional actuarial consultant. An amount equal to \$1,500,489.42 was transferred from the Trust Fund as payments to the Town.

Other Post-Employment Benefits Trust: The Municipal Light Board has established this Trust Fund to directly reimburse the Town of Hudson for retirement costs, other than pensions, attributable to Light Department retirees. On the basis of actuarial studies, sufficient funds will continue to be set aside to meet the future retirement obligations of the Town for persons currently employed by the Municipal Light Department.

Rate Stabilization Trust: The Municipal Light Board has established this Trust to fund municipal power supply costs, so as to stabilize power supply costs and other presently ascertainable obligations, in order to remain competitive within the electric industry and for other power-related issues which the Trustees designate by vote.

Commitments and Contingencies: The Hudson Light and Power Department has purchase contracts with the following sponsor companies and receives kilowatt-hour amounts from the entitlements listed:

	Yearly Cost \$	Energy kWh
PASNY- Niagara River	\$529,784.86	10,973,578
MMWEC - Nuclear Mix #1	33,352.94	5,526,106
MMWEC - Millstone #3	28,705.22	4,619,319
MMWEC - Seabrook #4	91,675.44	20,016,473
MMWEC - Seabrook #5	10,210.59	2,229,384
MMWEC - Seabrook #6	694,206.10	151,573,385
Taunton - Cleary #9	132,994.92	1,110,567
FPL / NEXTERA	-	-
AES/Syncharpha Stow LLC	176,063.71	2,378,718
Southern Sky Solar	299,623.35	5,992,467
Solar - Local Customers	47,386.66	789,650
	<hr/>	
	\$2,044,003.79	205,209,647
ISO-NE	<hr/>	<hr/>
	\$5,216,126.19	16,040,302
Total	<hr/> <hr/>	<hr/> <hr/>
	\$7,260,129.98	221,249,949

Hudson obtains 962.7 kW of Seabrook Unit #1 on a direct ownership basis, for which the Department uses 100% equity financing. Hudson's ownership share of Seabrook Unit #1 is 0.07737%. On June 30, 1990, Seabrook was declared operational. Under the Joint Ownership Agreement, the joint owners are obligated to pay their pro rata share of Seabrook's operating cost. In addition, should any other joint owner fail to make any payment, the other owners may be required to increase their payments and correspondingly their equivalent percentage ownership of Seabrook capacity. Hudson is one of three, minority non-operating owners of Seabrook Station.

MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC COMPANY

Suggested Note to Participant Financial Statements

December 31, 2022

Town [City] of Hudson acting through its Light Department is a Participant in certain Projects of the Massachusetts Municipal Wholesale Electric Company (MMWEC).

MMWEC is a public corporation and a political subdivision of the Commonwealth of Massachusetts, created as a means to develop a bulk power supply for its Members and other utilities. MMWEC is authorized to construct, own or purchase ownership interests in, and to issue revenue bonds to finance, electric facilities (Projects). MMWEC has acquired ownership interests in electric facilities operated by other entities and also owns and operates its own electric facilities. MMWEC operates the Stony Brook Intermediate Project and the Stony Brook Peaking Project, both fossil-fueled power plants. MMWEC has the Nuclear Mix No 1 Project, Nuclear Project Three, Nuclear Project Four, Nuclear Project Five and Project Six, which comprise an 11.6% ownership interest in the Seabrook Station nuclear generating unit operated by NextEra Energy Seabrook, LLC and a 4.8% ownership interest in the Millstone Unit 3 nuclear unit, operated by Dominion Nuclear Connecticut, Inc. The operating license for Seabrook Station extends to March 15, 2050. The operating license for the Millstone Unit 3 nuclear unit extends to November 25, 2045.

MMWEC sells all of the capability (Project Capability) of each of its Projects to its Members and other utilities (Project Participants) under Power Sales Agreements (PSAs). The Light Department has entered into PSAs with MMWEC. Under the PSAs the Department is required to make certain payments to MMWEC payable solely from Municipal Light Department revenues. Among other things, the PSAs require each Project Participant to pay its pro rata share of MMWEC's costs related to the Project, which costs include debt service on the revenue bonds issued by MMWEC to finance the Project. In addition, should a Project Participant fail to make any payment when due, other Project Participants of that Project may be required to increase (step-up) their payments and correspondingly their Participant's share of that Project's Project Capability. Project Participants have covenanted to fix, revise and collect rates at least sufficient to meet their obligations under the PSAs. Each Participant is unconditionally obligated to make payments due to MMWEC whether or not the Project(s) is completed or operating and notwithstanding the suspension or interruption of the output of the Project(s).

Pursuant to the PSAs, the MMWEC Project Participants are liable for their proportionate share of the costs associated with decommissioning the plants, which are funded through monthly Project billings, as needed. Also, the Millstone and Seabrook Project Participants are liable for their proportionate share of the uninsured costs of a nuclear incident that might be imposed under the Price-Anderson Act (Act). Originally enacted in 1957, the Act has been renewed several times. In July 2005, as part of the Energy Policy Act of 2005, Congress extended the Act until the end of 2025.

MMWEC is involved in various legal actions. In the opinion of management, the outcome of such litigation or claims will not have a material adverse effect on the financial position of the company.

The total capital expenditures and annual capacity, fuel and transmission costs (which include debt service and decommissioning expenses as discussed above), and amount of required debt service payments (if applicable) under the PSAs associated with the Department's Project Capability of the Projects in which it participates for the years ended December 31, 2022 and 2021, respectively are listed in the table(s) below.

HUDSON LIGHT AND POWER DEPARTMENT

YEARS ENDED

PROJECTS	PERCENTAGE SHARE	TOTAL	CAPACITY, FUEL	CAPACITY, FUEL
		CAPITAL	&	&
		EXPENDITURES	TRANSMISSION	TRANSMISSION
		2022	BILLED	BILLED
			2022	2021
Stony Brook Peaking Project	0.0000%	-	-	-
Stony Brook Intermediate Project	0.0000%	-	-	-
Nuclear Mix No. 1-Seabrook	3.3984%	352,296	16,296	14,574
Nuclear Mix No. 1-Millstone	3.3984%	2,171,364	201,906	225,832
Nuclear Project No. 3-Millstone	1.5997%	2,475,115	188,870	211,799
Nuclear Project No. 4-Seabrook	4.2300%	12,954,011	533,808	484,627
Nuclear Project No. 5-Seabrook	1.8613%	1,541,829	60,907	54,869
Project No. 6-Seabrook	23.1278%	130,959,753	4,056,942	3,719,834
		<u>\$ 150,454,369</u>	<u>\$ 5,058,729</u>	<u>\$ 4,711,535</u>

Statement of Changes in Financial Position

January 1, 2022 to December 31, 2022

Funds were provided from . . .

Operations . . .

Net Income	\$	3,275,105.37
Miscellaneous Credits to Surplus		-
Return of Investment		-

Total Funds Provided \$ 3,275,105.37

Funds were used for . . .

Increase (Decrease) to Utility Plant	\$	575,959.35
Miscellaneous Debits to Surplus		756,396.48
Return to Town of Hudson		225,000.00
Return to Town of Stow		65,676.14
Other Interest Expense		44,851.75

Total \$ 1,667,883.72

Increase (Decrease) in Working Capital \$ 1,607,221.65

Increase (Decrease) in Working Capital Represented by . . .

Cash	\$	1,856,861.75
Receivables		244,589.45
Materials and Supplies		97,353.07
Pension Trust Fund		(392,035.73)
Prepayments		(22,344.25)
Interest Receivable		27,308.29
Accrued Utility Revenues		-
Miscellaneous Deferred Debits		(57,263.64)
Miscellaneous Accrued Liabilities		(102,434.52)
Accounts Payable		(44,812.77)
Injury Reserve		-
Taxes Payable		-

Total \$ 1,607,221.65

Revenue from Sale of Electricity

January 1, 2022 to December 31, 2022

	HUDSON	STOW	OTHER	TOTAL
Res. Service "A"	\$3,721,984.93	\$363,925.42	\$93,333.90	\$5,179,244.25
Res. Wtr. Heater "E"	422,359.33	476,252.57	26,870.08	925,481.98
All Elec. Service "F" Com. Htg. & Air Cond.	556,494.06 - -	203,183.88 - -	6,462.31 - -	766,140.25 - -
Com. Service "C"	1,687,358.10	391,239.19	10,159.28	2,088,756.57
Large Power "D"	3,642,130.67	554,502.79	-	4,196,633.46
Municipal All Elec.	-	-	-	-
Municipal Service "C"	121,300.56	23,934.17	935.45	146,170.18
Municipal Power "D"	420,326.44	290,762.76	-	711,089.20
Street Lighting	56,438.07	2,933.14	40.73	59,411.94
Yard Lighting	58,124.71	8,531.80	1,408.32	68,064.83
Power Adjustment Charges...				
Res. Service "A"	\$3,110,470.82	1,151,485.61	79,277.75	4,341,234.18
Res. Wtr. Heater "E"	422,934.17	490,345.57	27,741.54	941,021.28
All Elec. Service "F" Com. Htg. & Air Cond.	559,443.44 - -	209,364.18 - -	6,341.27 - -	775,148.89 - -
Com. Service "C"	1,345,921.46	304,853.01	5,710.32	1,656,484.79
Large Power "D"	3,824,468.59	587,467.67	-	4,411,936.26
Municipal All Elec.	-	-	-	-
Municipal Service "C"	99,592.19	19,552.65	343.93	119,488.77
Municipal Power "D"	401,848.15	284,443.59	-	686,291.74
Street Lighting	-	-	-	-
Yard Lighting	17,349.22	2,600.10	401.57	20,350.89
Total Rev. Each Zone	20,468,544.91	6,365,378.10	259,026.45	27,092,949.46
Misc. Electric Sales				\$21,379.61
Total Revenue from Sale of Electricity				<u>\$27,114,329.07</u>

Res. Service "A"	\$9,520,478.43
Res. Service "E" Wtr Htr	1,866,503.26
All Elec. Service "F"	1,541,289.14
Com. Htr. & Air. Cond	-
Com. Service "C"	3,745,241.36
Large Power "D"	8,608,569.72
Municipal All Elec.	-
Municipal Service "C"	265,658.95
Municipal Power "D"	1,397,380.94
Street Lighting	59,411.94
Yard Lighting	88,415.72
Total	<u><u>\$27,092,949.46</u></u>

STATISTICS
KILOWATT-HOURS GENERATED, PURCHASED, SOLD and USED

January 1, 2022 to December 31, 2022

Kilowatt-hours Generated	9,149,263
Kilowatt-hours Purchased	221,249,951
Total Generated & Purchased	230,399,213

	HUDSON	STOW	OTHER AREAS
Kilowatt-hours Sold...			
Residence Service "A"	53,748,251	19,931,198	1,371,280
Service "E" (wtr htr)	7,334,623	8,504,367	480,212
All Electric Service "F"	9,857,047	3,681,655	111,681
Htg. and Air Cond. for Business			
Commercial Service "C"	22,514,383	5,098,359	95,369
Large Power "D"	63,785,789	9,797,304	0
Departmental Usage	117,450	0	0
Municipal All Electric	0	0	0
Municipal Service "C"	1,667,159	326,208	5,690
Municipal Power "D"	6,725,787	1,164,200	3,579,956
Street Lighting	477,969	24,844	350
Yard Lighting	291,015	43,609	6,734
Total Kilowatt-hours Each Zone	166,519,473	48,571,744	5,651,273
Total Kilowatt-hours distributed			220,742,490
Kilowatt-hours sold for resale			0
Kilowatt-hours used at Station and misc.			5,561,677
Kilowatt-hours lost in Distribution Lines			4,095,047
			<u>230,399,214</u>

Total

Percent lost in station	2.4139%
Percent lost in Distribution Lines	1.7774%

Five-Year Comparative Electric Sales Data

	2022	2021	2020	2019	2018
Customer Count...					
Residential	11397	11403	11411	11366	11278
Commercial	1518	1493	1486	1486	1467
Industrial	139	139	137	137	138
Municipal	129	132	132	128	126
Others	163	165	166	166	167
Total*	13346	13332	13332	13283	13176
Kilowatt-hour Sales...					
Residential	105,020,314	104,280,760	107,575,164	101,344,014	105,908,660
Commercial	27,708,112	27,017,343	25,616,544	26,754,573	27,409,520
Industrial	73,583,093	72,793,699	73,852,762	75,787,151	76,582,641
Municipal	13,972,163	14,039,450	12,872,562	13,593,528	13,746,490
Other	341,358	355,571	376,914	391,552	432,813
Total **	220,625,040	218,486,823	220,293,946	217,870,818	224,080,124
Revenues Billed...					
Residential	\$ 12,928,270.83	\$ 12,441,673.92	\$ 12,418,042.11	\$ 11,164,585.29	\$11,206,486.89
Commercial	3,745,241.36	3,527,465.73	3,264,738.53	3,245,039.70	2,984,937.55
Industrial	8,608,569.72	8,222,599.99	8,111,973.17	7,886,330.31	7,033,304.54
Municipal	1,722,451.83	1,646,724.37	1,486,875.99	1,504,306.41	1,370,069.09
Other	88,415.72	89,421.41	93,285.34	94,814.04	100,799.42
Total ***	\$ 27,092,949.46	\$ 25,927,885.42	\$ 25,374,915.14	\$ 23,895,075.75	\$22,695,597.49

**Number of customers was based on annual average.*

*** Does not include Hudson Light & Power Department usage.*

****Does not reflect accounting adjustments for power charges shown as misc electric sales.*

Consumers Statistics

December 31, 2022

Hudson

Hudson Residential Consumers	8,382
Hudson Commercial Consumers	1,162
Hudson Power Consumers	121
Hudson Municipal Consumers	102
Total Hudson Consumers	<u>9,767</u>

Stow and Maynard

Stow Residential Consumers	2,831
Stow Commercial Consumers	341
Stow Power Consumers	17
Stow and Maynard Municipal Consumers	21
Total Stow and Maynard Consumers	<u>3,210</u>

Boxboro, Bolton, Berlin, Marlboro, etc.

Boxboro, Bolton, Berlin, Marlboro, Etc. Residential Consumers	183
Boxboro, Bolton, Berlin, Marlboro, Etc. Commercial Consumers	31
Boxboro, Bolton, Berlin, Marlboro, Etc. Municipal Consumers	6
Total Boxboro, Bolton, Berlin, Marlboro, Etc. Consumers	<u>220</u>

Total Consumers on the System * 13,197

** Does not include street & yard lighting.*

Hudson Light and Power

Rate Stabilization Trust

The purpose of this Trust is to fund future power supply costs in order to stabilize power supply expenses and other presently ascertainable obligations in order to remain competitive within the electric industry and for other power supply related issues which the Trustees designate by vote.

Note: Figures below do not reflect Unrealized Gains or Losses.

Balance of the Rate Stabilization Fund as of January 1, 2022 \$ 6,674,788.11

Interest, Dividends and Principal Received	135,554.63
Gain on Sales	<u>2,597.31</u>
Total Additions to the Fund	\$ 138,151.94

Loss on Sales	491.86
Service Charges	11,799.01
Foreign tax paid	-
Transfer to Operation Cash	<u>-</u>
Total Reductions to the Fund	\$12,290.87

Balance of the Rate Stabilization Fund as of December 31, 2022 \$ 6,800,649.18

FIXED INVESTMENTS	COST BASIS	EQUITY INVESTMENTS	COST BASIS
AVIDIA BANK MMKT	\$ 21,521.94	(ABT) ABBOTT LABS	\$ 48,591.21
COMMONWEALTH MMKT	92,056.54	(MO) ALTRIA GROUP, INC.	61,953.62
ALTRIA GROUP INC NOTE	45,335.64	(AIG) AMERICAN INT'L GROUP	93,471.45
SOUTHERN CO GAS CAP	125,210.06	(BAC) BK OF AMERICA COR	59,051.97
GENERAL MLS INC	276,209.03	(BMJ) BRISTOL MYERS SQUIBB CO	91,574.76
BK OF AMERICA CORP	275,252.98	(KO) COCA COLA	43,749.73
AT&T INC NOTE	276,532.07	(ED) CONS ED	75,843.72
INTERSTATE PWR < CO	127,339.47	(LLY) ELI LILLY & CO	48,073.61
ALTRIA GROUP INC NOTE	310,197.49	(EMR) EMERSON ELECTRIC CO	125,425.22
VERIZON COMMUNICATIONS	300,727.68	(GIS) GENERAL MILLS INC.	46,458.11
MERCK & CO INC NOTE	147,645.00	(HPQ) HEWLETT PACKARD CO.	95,106.21
JOHNSON & JOHNSON NOTE	156,145.04	(JNJ) JOHNSON & JOHNSON	110,975.40
BALTIMORE GAS & ELEC	316,798.32	(KMB) KIMBERLY CLARK	45,294.39
EMERSON ELE CO	300,986.85	(MCD) MCDONALDS CORP	75,966.80
DUKE ENERGY CORP	422,973.00	(MRK) MERCK & CO INC	107,812.53
JOHNSON & JOHNSON NOTE	288,462.00	(PEP) PEPSICO INC.	35,771.96
US TREAS NTS NOTE	250,063.35	(PFE) PFIZER INC.	99,704.43
US TREAS SER S-2023	405,877.69	(PG) PROCTER & GAMBLE CO.	34,400.80
US TREAS NTS SERX-2024	300,369.09	(ROK) ROCKWELL AUTOMATION ID	104,852.96
US TREAS SER AG-2021	405,446.19	(SO) SOUTHERN CO.	59,585.70
US TREAS SER AD-2027	438,193.67	(UN) UNILEVER	53,641.50
	\$ 5,283,343.10		\$ 1,517,306.08

**Hudson Light and Power
Employees Retirement Trust**

The purpose of this Trust is to directly reimburse the Town of Hudson for retirement costs attributable to Light Department retirees for whom the Town is assessed annually by the Middlesex County Retirement System. On the basis of actuarial studies, sufficient funds will continue to be set aside to meet the future retirement obligations of the town for persons currently employed by the Municipal Light Department

Note: Figures below do not reflect Unrealized Gains or Losses.

Balance of Retirement Fund as of January 1, 2022 \$ 24,936,365.45

Cash transferred to HLPD Retirement Trust Fund	804,000.00
Gain on Sales	2,367.84
Interest, dividends and Principal received	765,463.23
	\$ 1,571,831.07

Total Additions to the Fund

Payments to the Town of Hudson	1,500,489.42
Loss on Sales	3,896.58
Service Charge	53,201.33
Foreign tax paid	
	\$ 1,557,587.33

Total Reductions to the Fund

Balance of Retirement Fund as of December 31, 2022 \$ 24,950,609.19

FIXED INVESTMENTS	COST BASIS	EQUITY INVESTMENTS	COST BASIS
A VIDIA BANK MONEY MARKET	\$ 730,368.83	(ABT) ABBOTT LABS	\$ 388,893.52
COMMONWEALTH MONEY FUNDS	98,322.51	(MO) ALTRIA GROUP INC	526,543.73
GNMA	242.48	(AIG) AMERIC INT'L GROUP INC.	261,263.39
GNMA	252.27	(BAC) BANK OF AMERIC CORPORA	410,563.20
BANK AMERICA CORP	350,109.17	(BMY) BRISTOLMYERS SQUIBB	969,846.15
GEORGIA PWR CO SER 2020A NOTE	450,880.54	(KO) COCA COLA	575,182.98
BANK AMER CORP SER M MTN	600,393.70	(ED) CONS EDISON	666,237.67
AT&T INC	603,300.08	(LLY) ELI LILLY & CO	656,125.58
GEORGIA PWR CO NOTE	527,593.11	(EMR) EMERSON ELECTRIC CO.	939,828.77
EVERSOURCE ENERGY	605,962.19	(GIS) GENERAL MILLS INC.	493,153.20
ALTRIA GROUP INC	568,695.39	(HPQ) HEWLETT PACKARD CO.	598,883.57
VERIZON COMMUNICATIONS	551,334.09	(JNJ) JOHNSON & JOHNSON	841,583.73
SOUTHERN PWR CO SER 2021A	225,015.33	(KMB) KIMBERLY CLARK	574,377.06
ALTRIA GROUP INC	522,134.78	(MCD) MCDONALDS CORP	667,711.37
SOUTHWESTERN ELE PWR CO SER K	511,950.92	(MRK) MERCK & CO	880,778.80
COCA COLA CO NOTE	712,477.50	(PEP) PEPSICO INC.	478,228.70
HP INC NOTE	516,026.80	(PFE) PFIZER INC.	1,021,596.24
VERIZON COMMUNICATIONS INC	690,333.00	(PG) PROCTER & GAMBLE CO.	617,105.61
US TREAS NTS	525,133.02	(ROK) ROCKWELL AUTOMATION IN	662,008.59
US TREAS NTS SER S-2023	507,347.10	(SO) SOUTHERN CO	682,144.65
US TREAS NTS SER X-2024	545,024.55	(UN) UNILEVER	465,097.58
US TREAS NTS SER AG-2024	506,807.74		
FED. HOME LOAN BA SE Z9-2025	500,000.00		
FED. HOME LOAN BK SER TS-2028	225,000.00		
FED. FARM CR BKS BOND	498,750.00		
Total	\$ 11,573,455.10		\$ 13,377,154.09

Hudson Light and Power Other Post-Employment Benefits Trust

The purpose of this Trust is to directly reimburse the Town of Hudson for retirement costs, other than pensions, attributable to Light Department retirees. On the basis of actuarial studies, sufficient funds will continue to be set aside to meet the future retirement obligations of the Town for persons currently employed by the Municipal Light Department.

Note: Figures below do not reflect Unrealized Gains or Losses.

Balance of the Other Post Employment Benefit Fund as of January 1, 2022	\$ 2,621,819.57
Interest, Dividends and Principal Received	62,727.79
Transfers from Operations Cash	105,000.00
Gain on Sales	0.04
Total Additions to the Fund	\$ 167,727.83
Loss on Sales	553.81
Service charge	5,147.11
Foreign tax paid	-
Total Reductions to the Fund	\$ 5,700.92
 Balance of the Other Post Employment Benefit Fund as of December 31, 2022	 \$ 2,783,846.48

FIXED INVESTMENTS	COST BASIS
AVIDIA BANK MONEY MARKET	\$ 79,611.65
COMMONWEALTH CASH	36,977.67
RAYTHEON TECH CORP	128,330.52
DISNEY WALT CO NOTE	121,465.15
ABBVIE INC NOTE	122,817.92
PAYPAL HOLDGS INC	122,145.90
AMGEN INC NOTE	98,577.00
SIMON PPTY GROUP LP NOTE	102,140.85
US TREAS SER AD-2027	234,109.35
US TREAS SER Q-2028	198,567.19
US TREAS SER J-2029	<u>170,085.94</u>
TOTAL	\$1,414,829.14

Hudson Light and Power
Other Post-Employment Benefits Trust

EQUITY INVESTMENTS	COST BASIS
(ABT) ABBOTT LABS	\$ 17,691.91
(APD) AIR PRODUCTS & CHEM	8,596.89
(MO) ALTRIA GROUP, INC.	40,161.02
(AMZN) AMAZON.COM INC	31,820.55
(AMP) AMERIPRISE FINANCIAL INC	71,322.63
(AAPL) APPLE INC COMP	99,557.93
(T) AT&T INC	31,215.69
(ADP) AUTOMATIC DATA PROCESSING INC	25,882.51
(AVB) AVALON BAY COMMUNITIES INC	21,467.90
(BAC) BANK OF AMERICA CORPORATION	43,177.01
(BMY) BRISTOL MYERS SQUIBB	32,035.49
(CVX) CHEVRON CORP	23,341.86
(CMCSA) COMCAST CORP NEW CL A	33,933.36
(ED) CONS ED	18,457.28
(DIS) DISNEY WALT CO	40,795.43
(EMN) EASTMAN CHEMICAL CO	11,149.79
(EBAY) EBAY INC COM	30,886.89
(LLY) ELI LILLY & CO	26,221.74
(EMR) EMERSON ELECTRIC CO.	43,729.97
(GIS) GENERAL MILLS INC.	32,118.21
(HPQ) HEWLETT PACKARD CO.	46,970.68
(JNJ) JOHNSON & JOHNSON	25,833.51
(KMB) KIMBERLY CLARK CORP	23,172.50
(LOW) LOWES COMPANIES INC COM	31,166.27
(MPC) MARATHON PETROLEUM CORP	22,704.94
(MRK) MERCK & CO INC	23,558.74
(MSFT) MICROSOFT CORP	84,966.65
(NKE) NIKE INC CLASS B COM	30,374.64
(NUE) NUCOR CORP COM	11,047.90
(OGN) ORGANON & CO	1,142.00
(PEP) PEPSICO INC.	22,470.36
(PFE) PFIZER INC	29,257.07
(PSX) PHILLIPS 66 COM	22,212.57
(PLD) PROLOGIS INC	21,946.22
(PRU) PRUDENTIAL FINL INC.	76,736.48
(ROK) ROCKWELL AUTOMATION INC	47,712.15
(SRE) SEMPRA ENERGY	26,524.30
(SO) SOUTHERN CO.	17,581.39
(TJX) TJX COS INC NEW COM	42,447.22
(VZ) VERIZON COMMUNICATIONS	36,044.07
(WBD) WARNER BROS DISCOVERY INC	9,240.09
(WRK) WESTROCK CO COM	32,343.53
	\$ 1,369,017.34

PARK COMMISSION / DIVISION OF RECREATION 2023 ANNUAL REPORT

The Park Commission/Division of Recreation aims to provide the residents of Hudson with comprehensive recreation programs for those of all ages. The Division of Recreation strives to continually expand and enhance recreation facilities while keeping abreast of ever-changing trends and community needs. The Division of Recreation advocates for the preservation of open space and the natural features of Hudson that define its character, identity and link to the past.

As part of its routine functions, the Park Commission and Division of Recreation staff plan, promote, and implement a wide range of recreation programs for the community, including various large-scale special events such as REC Fest (formerly Pumpkin Fest/REOctober Fest) and an Annual Golf Tournament, among other events. The department schedules the use of over 30 parks/playgrounds/town facilities, processes general Use of Town Property Forms on behalf of the Town of Hudson, conducts Park Commission meetings, serves on various boards & committees and attends meetings as necessary in order to perform its duties. As a means of continuing education, the Recreation Administrative Staff attend both the Massachusetts Recreation and Park Association and New England Park Association Annual Conferences, participate in various recreation specific workshops, and attend Central Mass Recreation and Park Association Regional meetings throughout the year. The Division of Recreation coordinates various services with other Town agencies, as well as both private and non-profit organizations to better serve the community. The Park Commission/Division of Recreation recommends and implements rules and regulations for the use of town property under their jurisdiction and collects fees for programs and services administered by the department. The Division of Recreation advertises programs, services and events throughout the year primarily via its social media platforms, limited brochures and flyers, and the Recreation Department website (www.hudsonrecreation.org). Social media outlets such as Facebook and Instagram, along with email blasts have proven to be the most effective mode of communication among program participants and members of the community.

Each year the Division of Recreation advertises part-time, seasonal employment opportunities in order to staff various programs. As part of this process, the Division of Recreation Administrative Staff screen, interview and make recommendations for hiring employees. Additionally, the Administrative Staff update employee manuals, conduct meetings with staff regarding programs and events, and train employees in various areas (including Lifeguarding, CPR/AED, First Aid and other program specific areas as needed).

Throughout 2022, the Park Commission/Division of Recreation prepared an operating budget and capital improvement plans in order to make both long- and short-term recommendations for facility renovations and upgrades. The FY23 Budget did not include any requests for Capital Projects. As in years past, the Division of Recreation coordinated various projects throughout the year. Projects were coordinated and/or completed with the assistance of the Department of Public Works, Conservation Commission, Health Department, Hudson Public Schools, Hudson Light & Power and various private contractors & local non-profits. Key 2022 projects include: Centennial Beach – installed additional drainage infrastructure to address issues experienced post renovation, added Security Cameras to the buildings, and installed Lifeguard Chairs at the Waterfront; renovated the field access stairs located at Morgan Bowl; collaborated with Hudson Youth Baseball and Softball on the expansion of the Boutwell 1 infield to accommodate play for older children; collaborated with the Community Development & Planning Department in installing accessible walkways throughout Cellucci Park as part of the Downtown Riverwalk Project; partnered with the Hudson Land Trust to execute a Town-wide Clean Up, with a focus on removing decades of accumulated trash from the Albertini Property (land purchased for recreational purposes with Community Preservation Funds); and eliminated the use of heating oil at the Rimkus Clubhouse, thus taking another step towards improving the town's carbon footprint.

While the impacts of Covid-19 continued to shape all programs and events offered to the community, the Division of Recreation was successful in executing its programs and saw increased participation in some, as depicted in the report below. In 2022 the department was able to provide the community with all programs and events that had been offered previous to the pandemic. The Division of Recreation partnered with the Hudson Health Department to execute a 5K, in which 101 individuals participated, and joined efforts to host the Improbable Players during the RECKids 6-8 Summer Program. Additionally, Womens Softball was added to the department's portfolio of program

offerings and summer swimming lessons (the only pre-pandemic program that had not yet returned) were reintroduced during the summer of 2022. As the year ended, the Department began discussions of designing and constructing a dog park in town with local dog park advocacy group Hud Dog.

Additionally, in 2022, the Commission dedicated the baseball field at Riverside Park to Hugo Guidotti, naming it “Guidotti Field”; secured town issued ARPA Funds to cover future anticipated costs associated with planning and design services that will be required for improvements to Moulton Field & Playground and Wood Park; and the Director of Recreation served as a steering committee member of the towns Ad-Hoc Bicycle and Pedestrian Committee, providing input as it related to the department. The most notable accomplishment of 2022 came in March when the Department received the Massachusetts Recreation and Park Association’s “Agency of the Year – Design of Facility Award” for the design and improvements made to Centennial Beach.

Moving forward and with the pandemic behind us...The Park Commission/Division of Recreation remains committed to continually improving and adding programs and events to meet our community’s needs. Throughout 2023, the Recreation Administrative Staff along with a Park Commissioner will also serve on Town’s Open Space and Recreation Plan (OSRP) Steering Committee, playing a critical role in updating this immensely important and valuable planning document. It is expected that by the end of 2023, design plans for a dog park in Hudson will be complete and that the planning process for the redesign and renovation of Moulton Field and Playground will be well underway. As always, the Park Commission/Division of Recreation will strive to keep our community members engaged, connected and safe. We look forward to the opportunity to continue to serve the Town of Hudson.

FINANCIALS

Budget	FY22	FY23
Recreation Salaries	\$354,688.00	\$372,886.00
Recreation Expenses	\$67,305.00	\$68,366.00
Town Meeting Approved Articles	FY22 (no requests)	FY23 (no requests)
Revolving Fund & Gift Account Balances	1-Jul-21	1-Jul-22
Recreation Programs Revolving	\$223,892.60	\$280,428.61
Recreation Gifts & Donations	\$21,401.00	\$35,797.60
Hamilton Children’s Recreation Program Gift	\$50,366.00	\$50,366.00
EMPLOYMENT	2021	2022
Part-Time Seasonal Staff	66 individuals	85 individuals
Volunteers (throughout year)	10 individuals	10 individuals
SOCIAL MEDIA	2021	2022
Facebook (followers)	2500	2843
Twitter (followers)	78	77
Instagram (followers)	488	688
FACILITY SCHEDULING	2021	2022
Total Hours Scheduled	7902	9731
Use of Town Property Forms Processed	46	60

PROGRAM STATISTICS

Fall / Winter Programs:	2020-2021	2021-2022
Youth Basketball Instructional Program	cancelled - Covid-19	265 participants
Unified Basketball Program	cancelled - Covid-19	42 participants
Elks Hoop Shoot	cancelled - Covid-19	39 participants

Winter Baseball/Softball Clinics	cancelled - Covid-19	92 participants
G.G. E-Sports	112 participants	4 participants
Unified Soccer	16 players / 8 Partners	11 players / 13 Partners

Spring / Summer Programs:

	2021	2022
RECKids Day Socialization	181 participants	234 participants
<i>RECKids special events & field trips:</i>	cancelled - Covid-19	8 field trips
Youth Swim Instruction (4 sessions)	cancelled - Covid-19	180 participants
Guard Start/Lifeguard Training	34 Lifeguard participants	6 Lifeguard participants
Youth Tennis Instruction (5 sessions)	129 participants	145 participants
Track & Field	44 participants	40 participants
Skyhawks (Golf Lessons)	6 participants	n/a
Skyhawks (Ultimate Sports)	18 participants	n/a
Kids' Test Kitchen (in-person/virtual)	13 participants (virtual)	1 participant (virtual)
Unified Noodle Ball	cancelled - Covid-19	25 participants
Babysitting Course	22 participants	11 participants
Home Alone Safety Course	35 participants	18 participants
CPR/First Aid Courses	36 participants	n/a
Counselor In Training (C.I.T)	cancelled - Covid-19	n/a
Creative Coding	10 participants	n/a
G.G. E-Sports	18 participants	n/a
Womens Softball (spring / summer)	n/a	24 / 22 participants

Total Transactions Processed (through RecDesk)	787	1267
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Centennial Beach Parking:

	2021	2022
Resident Day Passes	921 passes	1286 passes
Resident Season Passes	658 passes	562 passes
Non-Resident Day Passes	n/a per Park Commission	152 passes
Non-Resident Season Passes	n/a per Park Commission	31 passes
Total Income	\$22,755.00	\$42,825.00

Special Events & Activities:

	2021	2022
Recreation Golf Tournament	144 golfers	140 golfers
Wood Park Concerts	5 concerts	5 concerts
Cellucci Park Concerts	3 concerts	3 concerts
REC Fest Attendance (formerly RECtober Fest)	est. 1500 (no fee)	est. 1500 (no fee)
REC Fest Vendors / Food Trucks	17 / 2	17 / 1
George Chiasson Memorial Fishing Derby	cancelled - Covid-19	n/a

Respectfully Submitted,

Michael C. Chaves Sr., Chairman – Hudson Park Commission

Robert D. Bowen, Park Commissioner

James D. Roan, Park Commissioner

Steven L. Santos, Director of Recreation