

PUBLIC SERVICES

Public Works Department

Light and Power Department

Park Commission, Division of Recreation

**ANNUAL REPORT
DEPARTMENT OF PUBLIC WORKS**

**FISCAL YEAR 2020
JULY 1, 2019 – JUNE 30, 2020**

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, 2020.

STREETS

The street sweeping program was again posted on the Town's web page. This provided the citizens an opportunity to review the approximate time frame when their section of town was going to be cleaned.

Roadways planned for FY'19 milling and overlay were completed in the fall of 2019. These streets included Plant Avenue, First Street, Second Street, and Third Street and a portion of Ridge Road. Paving overlays scheduled for FY'20 included O'Neil Street and portions of Chestnut Street, Shay Road, and Murphy Road. The milling and overlay for John Robinson Road began in June 2020.

CHAPTER 90

The following roadways were milled and overlaid by I W Harding Corporation as part of the Rotary Project – a portion of Main St (Pope Street to River Street), a portion of Felton Street (from Main Street to #5 Felton Street), and portion of Washington Street from Main Street to South Street). The cost of this project was reimbursed by the Commonwealth of Massachusetts under the Chapter 90 program and Complete Street Grant.

The reconstruction of Broad Street occurred from the Summer-Fall of 2019. The reconstruction of River Street (Central Street to Berlin Town Line) took place from Spring-Fall of 2020.

SIDEWALKS

All existing sidewalks within the FY'20 construction project areas were reconstructed with Bituminous Concrete (Asphalt). New handicap ramps were installed or are planned to be installed as required by State and Federal ADA Rules and Regulations.

The Complete Streets Sidewalks and Pedestrian Crossing Improvement Project were advertised in spring of 2020. We hope to begin work on this project in Spring 2020. The project includes the construction of new sidewalks on Cox Street and the reconstruction of sidewalk portions on Lincoln and Giasson Streets.

All sidewalks were swept during our annual roadway sweeping program. Public Works employees continue to repair concrete and bituminous sidewalks in various areas as necessary. A

new, ADA compliant handicap ramp was installed on Technology Drive at West Ridge Road by Public Works employees.

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 10 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 570.87 million gallons of sewage.

MAIN STOPPAGES			
2019		2020	
JULY	0	JANUARY	2
AUGUST	0	FEBRUARY	2
SEPTEMBER	1	MARCH	1
OCTOBER	0	APRIL	1
NOVEMBER	1	MAY	1
DECEMBER	0	JUNE	1
TOTAL STOPPAGES			10

MILLION GALLONS OF RAW SEWAGE TREATED			
2019		2020	
JULY	38.81	JANUARY	57.90
AUGUST	35.40	FEBRUARY	50.83
SEPTEMBER	33.20	MARCH	53.27
OCTOBER	35.79	APRIL	73.56
NOVEMBER	39.09	MAY	59.10
DECEMBER	57.66	JUNE	36.26
TOTAL			570.87

WATER

The Water Division supplied the town with over 545,895,360 million gallons of water, an 8.07% decrease from 593,841,000 million gallons in FY'19. 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 2019 Annual Drinking Water Quality Report was mailed to all residences in June of 2020 as required by DEP. This report, as well as water drought conditions, can be found on the Town's website. Beginning in February, DPW personnel replaced 4 hydrants on John Robinson Rd and 5 on River St, in preparation for paving. In May, DPW personnel worked with IW Harding Construction to upgrade and replace water services and hydrants in the area of the downtown rotary, in preparation for paving and reconstruction. In FY'20 both Chestnut Well 2 and Kane Well were cleaned and redeveloped by F.G. Sullivan Well Drilling, at a total cost of \$36,591.

FY '20 TOTAL SOURCE WATER TREATED (MILLION GALLONS)	
Sources	2019-2020
Cranberry Well	174,684,500
Kane Well	133,622,100
Chestnut Well #2	147,832,400
Chestnut Well #3	106,461,700
Gates Pond	68,976,100
Total:	631,576,800

PIPE DIAMETER	IN FEET	PIPE DIAMETER	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	2,647	NEW SERVICES	12
TOTAL NUMBER HYDRANTS	997	SERVICES REPAIRED	20
HYDRANTS REPAIRED	21	WATER MAIN BREAKS REPAIRED	8
HYDRANTS REPLACED	18	METERS REPLACED	150
WATER SERVICE STUBS	4		

FY '20 TOTAL FINISH WATER CONSUMED (MILLION GALLONS)			
MONTH	CHESTNUT WFP	GATES POND WTF	TOTAL
JUL	47,477,000	8,507,000	55,984,000
AUG	48,849,600	5,217,500	54,067,100
SEP	43,536,500	4,620,300	48,156,800
OCT	37,281,000	4,076,000	41,357,000
NOV	37,219,100	2,416,400	39,635,500
DEC	36,820,300	2,336,600	39,156,900
JAN	35,280,500	2,912,100	38,192,600
FEB	33,358,000	2,097,700	35,455,700
MAR	38,193,500	4,495,000	42,688,500
APR	32,204,160	5,219,200	37,423,360
MAY	45,766,900	4,530,300	50,297,200
JUN	57,814,600	5,666,100	63,480,700
TOTAL	493,801,160	52,094,200	545,895,360

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	
1932	42.36	1950	37.91	1968	44.42	1986	35.33	2003	48.52		
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 76 interments during FY'20.

	JUL-SEP	OCT-DEC	JAN-MAR	APR-JUN	TOTAL
# OF BURIALS	27	15	12	22	76
TOTAL PLOTS SOLD	22	18	16	15	71
BURIAL REVENUE	\$ 8,900	\$ 5,950	\$ 5,600	\$	\$ 27,600
LOT REVENUE	\$ 6,700	\$ 5,300	\$ 4,700		\$ 23,200
PERPETUAL CARE	\$ 5,750	\$ 4,500	\$ 4,000		\$ 18,750
DEED REVENUE	\$ 275	\$ 200	\$ 225		\$ 975
					\$ 70,525

FORESTRY

In the past year, 71 trees were removed from public property. Additional trees and brush were trimmed from the public way for greater visibility and sight distance.

SNOW

The 2019-2020 snow season started in December 2019 and continued until April 2020. The Department applied approximately 3,006.62 tons of salt and 13,120 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 31.25". This was 11.5" less than the previous year.

SNOW ACCUMULATION	
MONTH	SNOWFALL
NOVEMBER	0
DECEMBER	21.5
JANUARY	4.30
FEBRUARY	1.25
MARCH	1.95
APRIL	2.25
TOTAL	31.25 in.

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, 2019	\$ 237,643.51
TOTAL RECEIPTS (JULY 1, 2019 – JUNE 30, 2020)	\$ 20,460.00
TOTAL EXPENDITURES (FY'20)	\$ 64,575.00
BALANCE AS OF JUNE 30, 2020	\$ 193,528.51

HUDSON LIGHT AND POWER DEPARTMENT 2020 ANNUAL REPORT

MESSAGE FROM THE BOARD

In 2020, the State House and Senate passed Climate Bill S-9 which is currently being considered for approval by Governor Baker. Municipal light plants (MLPs) in Massachusetts, including Hudson Light and Power, helped write section 33 in support of the 2050 goals. MLPs, unlike the investor owned utilities (Eversource and National Grid), hedge wholesale power costs by purchasing long term contracts or purchasing hard assets like generating plants. Aggressive climate goals have recently required increasing clean energy purchases on an annual basis. This is difficult for an MLP to accomplish when they are legally obligated under specific contracts for 5, 10, 20 or more years. This is the case with our ownership of Seabrook Nuclear Power Plant, especially since the plant has been approved by the Nuclear Regulatory Commission for a license extension until the year 2050. We were successful in lobbying the House and Senate to help them understand how MLPs operate. According to this new bill, MLPs will make portfolio changes in 10-year periods instead of annually and will meet the same 2050 goals as the investor owned utilities, albeit on their own timeline. Importantly, the legislation recognizes that nuclear power does not contribute to climate change and can therefore be used to meet climate goals. As our long-term power contract obligations roll off our portfolio, we will be looking to add state-of-the-art clean resources in their place.

The Covid-19 pandemic impacted the Department both financially and operationally. Our main office was closed to the public and our Department staff worked split shifts, worked from home or worked in more isolated environments. We modified our normal procedures for planned work in order to minimize the impact to our customers working from home. We relaxed the termination process as our customers struggled with a locked-down economy and we are carrying arrears forward. We're hopeful that the new vaccines are effective in keeping us safe so that we can all return to normal.

Over the past few years, the Board has approved critical infrastructure improvement projects that insure reliable service for the next forty+ years. At the highest level, we've supported the building of a new transmission line from Sudbury which will increase reliability in addition to reducing our costs in the Transmission Market. This project also provides for a completely updated high voltage switchyard. We have already replaced the heart of our system, the million-plus-dollar substation transformers that support our distribution circuits in addition to replacing all substation circuit breakers. We plan to upgrade all the old substation protective relays as well. We completed the installation of a new underground duct-bank and new conductors from our substation to our distribution circuits and will finish the final conductor replacement in the coming year. In addition to all these core electrical upgrades in and around our substation, we have invested in technology that streamlines the way we do business. This technology includes both hardware and software that allows us to implement a geographical information system (GIS) for our field assets. Our GIS is now integrated with our new Advanced Metering Infrastructure resulting in a system that automatically monitors each meter, maps every outage, and sends an alert to our dispatcher before the customer can even pick up the phone to report the outage. We have presented this map to our customers with a link on our website so they can be aware of the size and scope of each outage. These improvements have reduced our response time and our average outage time. The information provided by this new technology will allow us to strategically allocate our capital funds in areas that provide the best return on our investment in the future. The Board is pleased with the position of the Department both in terms of its power portfolio and its improved electrical infrastructure. We are committed to our path of continuous improvement and to providing our customers with the best electrical service possible.

Jeffrey Supernor

Chairman

John Monteiro

Clerk

Justin Provencher

Member

General Manager's Report

In 2020, the Department's auditors, in accordance with General Accounting Standards Board (GASB), required that the Rate Stabilization Trust, Employee Retirement Trust and Other Post-Employment Benefits Trust be shown on the Department's financial statements (in prior years, these were provided as separate financial statements.) 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 are reflected in the P&L. The Department has approximately \$37.5 million (of market value) in the Trusts earmarked for future liabilities. An investment gain (or loss) of only 5% could result in the Department reporting a \$1.875 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 interpreting future profits (or losses) by considering whether Trust Fund market returns are included or excluded from the calculation.

The Department, like the rest of the world, struggled with the COVID-19 pandemic throughout 2020. Commercial and industrial load and revenue fell as businesses were locked down. A hot summer, coupled with residential customers working from home, increased residential sales and revenue. Some customers found it difficult to make payments due to the pandemic and the Department ceased its termination process which resulted in 90+ day arrears increasing about 500%. The Forest Ave office was closed to the public and Department personnel implemented COVID-19 precautions and policies as recommended by the State and the CDC.

The Department transferred ~\$1.4 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 5.5% of the Department's total revenue collected in 2020:

Payment in lieu of tax:	\$225,000
Reimbursement for employee health care costs:	\$350,894
Reimbursement for employee pension costs:	\$739,147
Reimbursement for Workman's Compensation Insurance:	\$25,565
<u>Police traffic details:</u>	<u>\$74,483</u>
Total transferred to Town of Hudson:	\$1,425,079

Capital investments continued as the Department replaced old meters with new AMI meters, purchased two new vehicle chassis for bucket truck replacement, worked to convert old 4,160-volt and 8,300-volt circuits to the standard 13,800-volts in the Hudson Bradford and Manning Street areas, replaced underground circuits on Carriage Lane in Stow, and completed the installation of new fuel tanks which eliminated the need to transfer fuel across the Assabet River.

Due to the recent mild winters, wildlife populations have grown rapidly. Outages due to wildlife (mostly squirrels and birds) increased 188% year-over-year. The Department implemented an aggressive tree trimming policy that resulted in a 24% decrease in outages caused by vegetation. Ninety-five percent (95%) of the outages in 2020 impacted less than 100 customers and 85% of the outages were restored in under 2 hours.

Two employees, Frank Arbour and Scott Baker, retired from the Department in 2020. We would like to thank them both for their years of service and wish them the best in retirement.

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 - 2021

From Sales to Municipal Customers	\$1,251,392
From Sales to Domestic Customers	12,183,415
From Sales to Commercial Customers	3,576,419
From Sales to Power Customers	8,800,342
From Street Lights: Stow and Other Communities	2,703
Hudson	49,313
Total Income	\$ 25,863,584

Estimated Expenditures - 2021

Production, Generation, Purchased Power*	\$18,210,001
Distribution and Transmission	2,984,592
General	3,338,495
Depreciation	1,054,980
Total Expenditures	\$ 25,588,069

The estimated cost of electricity to be used by the Town of Hudson for all purposes for the year ending June 30, 2021 is: \$975,000

**In addition to Production, Generation and Purchased Power Costs, are MMWEC's accelerated debt service recovery and 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**

	2020	2019	Increase (Decrease)
Electric Utility Plant (Net)...			
Intangible Plant	\$ 4,382.39	\$ 4,382.39	\$ -
Production Plant in Service	1,357,654.70	1,076,944.96	280,709.74
Nuclear Fuel	17,555.37	41,940.41	(24,385.04)
Transmission Plant in Service	838,096.88	910,891.53	(72,794.65)
Distribution Plant in Service	12,516,276.96	9,495,422.65	3,020,854.31
General Plant in Service	1,569,917.16	1,333,558.06	236,359.10
Construction Work In Progress	848,806.27	2,682,415.03	(1,833,608.76)
Total Utility Plant In Service	<u>\$ 17,152,689.73</u>	<u>\$ 15,545,555.03</u>	<u>\$ 1,607,134.70</u>
Other Property & Investments...			
Investments in Assoc. Companies	\$ 53,580.92	\$ 53,580.92	\$ -
Other Investments	-	-	-
Total Other Property & Investments...	<u>\$ 53,580.92</u>	<u>\$ 53,580.92</u>	<u>\$ -</u>
Cash Assets...			
Operation Cash	\$ 3,052,846.21	\$ 1,279,027.32	\$ 1,773,818.89
Miscellaneous Cash	7,111,441.55	8,785,428.40	(1,673,986.85)
Depreciation Fund Investment	75,304.69	73,798.23	1,506.46
Insurance Escrow Reserve	6,883,714.06	7,666,923.56	(783,209.50)
Petty Cash	500.00	500.00	-
Deposit Interest Account	-	-	-
Customer Deposits Account	1,600,955.12	1,635,255.05	(34,299.93)
Total Cash Balances	<u>\$ 18,724,761.63</u>	<u>\$ 19,440,932.56</u>	<u>\$ (716,170.93)</u>
Other Current and Accrued Assets...			
Customer Account Receivables	\$ 2,482,734.59	\$ 1,921,846.44	\$ 560,888.15
Other Accounts Receivables	94,159.82	82,562.78	11,597.04
Material and Supplies	984,223.05	1,036,065.12	(51,842.07)
Prepayments	1,184,396.34	1,150,328.07	34,068.27
Prepaid Pension	-	-	-
Int. & Dividends Receivable	27,719,336.08	24,698,120.64	3,021,215.44
Misc. Current & Accrued Assets	23,196.94	17,221.47	5,975.47
Total Other Current & Accrued Assets	<u>\$ 32,523,137.45</u>	<u>\$ 28,969,741.17</u>	<u>\$ 3,553,396.28</u>
Deferred Assets...			
Preliminary Survey Charges	\$ -	\$ -	\$ -
Deferred Outflow Pension	2,104,321.52	3,049,933.00	(945,611.48)
Deferred Outflow OPEB	333,139.00	29,270.00	303,869.00
Total Deferred Assets	<u>\$ 2,437,460.52</u>	<u>\$ 3,079,203.00</u>	<u>\$ (641,742.48)</u>
Total Assets	<u><u>\$ 70,891,630.25</u></u>	<u><u>\$ 67,089,012.68</u></u>	<u><u>\$ 3,802,617.57</u></u>

EQUITY AND LIABILITIES

	2020	2019	Increase (Decrease)
Equity...			
Loans Repayment	\$ 1,925,000.00	\$ 1,925,000.00	\$ -
Invested by Town	20,093.39	20,093.39	-
Retained Earnings	35,431,712.65	32,563,661.70	2,868,050.95
Total	\$37,376,806.04	\$34,508,755.09	\$2,868,050.95
 Current & Accrued Liabilities...			
Accounts Payable	\$ 1,280,204.82	\$ 1,203,285.98	\$ 76,918.84
Customer Deposits	1,362,405.35	1,392,314.42	(29,909.07)
Customer Deposits-Interest	81,460.29	109,005.52	(27,545.23)
Tax Collections Payable	-	-	-
Old Stow Rd Solar Collateral	250,000.00	250,000.00	-
Accrued OPEB Liability	663,863.00	1,084,145.00	(420,282.00)
Accrued REECIP Liability	197,674.06	223,853.72	(26,179.66)
Accrued RCS Liability	(3,031.27)	1,108.59	(4,139.86)
Misc. Current & Accrued Liabilities	470,395.47	440,816.54	29,578.93
Net Pension Liability	6,883,714.06	7,666,923.56	(783,209.50)
Deferred Pension Inflow	17,368,326.00	17,777,026.00	(408,700.00)
Deferred OPEB Inflow	1,118,131.00	98,435.00	1,019,696.00
Customer Advances for Construction	674,503.00	336,648.00	337,855.00
Total Current & Accrued Liabilities	\$ 30,447,850.78	\$ 30,685,185.16	\$ (237,334.38)
 Deferred Credits...			
Misc. Deferred Credits	\$ -	\$ -	\$ -
Deferred Credit-Power Adj Charge	711,051.03	(440,693.23)	1,151,744.26
Total Deferred Credits	\$ 711,051.03	\$ (440,693.23)	\$ 1,151,744.26
 Contributions in aid of Construction...			
Total Contributions in aid	\$ 2,355,922.40	\$ 2,335,765.66	\$ 20,156.74
of Construction...	\$ 2,355,922.40	\$ 2,335,765.66	\$ 20,156.74
 Total Equity & Liabilities	\$ 70,891,630.25	\$ 67,089,012.68	\$ 3,802,617.57

STATEMENT OF EQUITY

Retained Earnings on January 1, 2020	\$ 32,563,661.70
Net Income or (Loss)	3,159,930.51
Miscellaneous Credits to Retained Earnings	-
Total	\$ 35,723,592.21
 Appropriation of Retained Earnings Returned to Towns	\$ 291,879.56
Miscellaneous Debits to Retained Earnings	-
Total	\$ 291,879.56
 Total Retained Earnings on December 31, 2020	\$ 35,431,715.65

Comparative Income Statement

Operating Statement

	2020	2019	Increase (Decrease)
Operating Revenue	\$ 25,395,509.71	\$ 24,035,758.30	\$ 1,359,751.41
Operating Expense...			
Production	\$ 1,044,773.30	\$ 722,536.47	\$ 322,236.83
Purchased Power Expense	10,170,723.72	10,062,739.10	107,984.62
Transmission Expenses	5,465,160.14	5,079,027.36	386,132.68
Distribution Expenses	1,443,346.66	1,269,889.42	173,475.24
General Expenses	5,127,241.64	5,129,134.71	(1,893.07)
Depreciation	947,242.29	920,696.69	26,545.60
Taxes	16,313.37	17,695.50	(1,382.13)
Total Operating Expenses	\$ 24,214,801.02	\$ 23,201,719.25	\$ 1,013,081.77
Net Operating Revenues	\$ 1,180,708.69	\$ 834,039.05	\$ 346,669.64
Other Income...			
Income From Contract Work	\$ -	\$ -	\$ -
Interest & Dividend Income	219,678.35	239,155.44	(19,477.90)
Misc. Nonoperating Income	1,792,019.86	3,650,243.24	(1,858,223.38)
Total Other Income	\$ 2,011,698.21	\$ 3,889,398.68	\$ (1,877,700.47)
Miscellaneous Income Deductions...			
Other Income Deductions	\$ 35.01	\$ 34.99	\$.02
Total Income Deductions	\$ 35.01	\$ 34.99	\$.02
Inc. Before Interest Charges	\$ 3,192,371.89	\$ 4,273,402.74	\$ (1,531,030.85)
Interest Charges...			
Other Interest Expense	\$ 32,441.38	\$ 38,838.19	\$ (6,396.81)
Total Interest Charges	\$ 32,441.38	\$ 38,838.19	\$ (6,396.81)
Net Income Before			
Return to Towns	\$ 3,159,930.51	\$ 4,687,564.55	\$ (1,524,634.04)
Less Return to Towns	291,879.56	291,249.10	630.46
Net Income (Loss)	\$ 2,868,050.95	\$ 4,393,315.45	\$ (1,524,634.04)

INCOME STATEMENT DETAIL

Operating Revenue

January 1, 2020 to December 31, 2020

Sales to Residential Consumers	\$	7,015,964.67
Sales to Commercial Consumers		1,942,738.16
Sales to Power Consumers		4,307,506.44
Private Property Lighting Sales		72,972.76
Municipal Sales...		
Hudson Street Lights		50,539.98
Hudson Municipal Buildings		114,254.08
Hudson Municipal Power		374,180.39
Stow & Berlin Street Lights		2,715.79
Stow, Maynard & Other Municipal Service		295,715.91
Total Revenue from Sales of Electricity	\$	14,176,588.18
Power Adjustment Charges...		
Residential Sales	\$	5,402,076.56
Commercial Sales		1,322,001.25
Power Sales		3,814,516.31
Private Property Lighting		19,568.03
Municipal Power Adjustment Charges...		
Municipal Power Hudson		316,593.28
Municipal Commercial Hudson		80,664.83
Municipal Power Stow et al		226,471.36
Municipal Commercial Stow et al		16,435.34
Miscellaneous Electric Sales		(151,744.26)
Total Power Adjustment Charges	\$	11,046,582.70
Total Revenue from Sale of Electricity	\$	25,223,170.88
Other Income...		
Other Electric Revenues (RCS, etc.)	\$	172,338.83
Total Income	\$	25,395,509.71

INCOME STATEMENT DETAIL
Expenses

January 1, 2020 to December 31, 2020

Production

Nuclear Power Generation

Operation Supervision	\$	26,185.54
Fuel		45,183.57
Coolants and Water		3,335.60
Steam Expenses		4,401.99
Electric Expenses		-
Miscellaneous Nuclear Power Expenses		46,048.59
Maintenance Supervision		5,084.67
Maintenance of Structures		8,150.26
Maintenance of Reactor Plant Equipment		28,797.39
Maintenance of Electric Plant		2,663.80
Maintenance of Miscellaneous Nuclear Power		13,139.73
Total Nuclear Power Production Expenses	\$	182,991.14

Other Power Generation...

Operation Supervision	\$	48,029.49
Fuel Oil		23,724.47
Fuel Natural Gas		14,274.01
Generation Expense		163,859.96
Generation Expense-Lube		22,391.54
Miscellaneous Other Power Generation Expenses		70,281.67
Maintenance Supervision		19,698.77
Maintenance of Structures		111,527.61
Maintenance of Generation and Electric Plant		377,075.95
Maintenance of Miscellaneous Generation Plant		10,918.69
Total Other Production Expenses	\$	861,782.16

Purchased Power Expenses...

Purchased Power-Entitlement	\$	6,304,959.11
Purchased Power-ISO		3,626,554.70
Purchased Power-Rate Stabilization Fund		216,790.49
System Control and Load Dispersion		7,705.14
Other Expenses Purchase Power		14,714.28
Total Purchased Power	\$	10,170,723.72

Distribution Expenses...

Operation Supervision and Engineering	\$	85,955.85
Station Expenses		149,132.69
Overhead Line Expenses		30,264.89
Underground Line Expenses		4,192.03
Street Lighting & Signal Expenses		24,447.63
Meter Expenses		66,898.69

INCOME STATEMENT DETAIL

Expenses (continued)

Distribution Expenses (cont.) ...		
Customer Installation Expense	\$	112,417.12
Miscellaneous Distribution Expenses		72,152.89
Rents		-
Maintenance of Supervision and Engineering		54,334.13
Maintenance of Station Equipment		13,837.20
Maintenance of Overhead Lines		793,508.22
Maintenance of Underground Line		17,994.28
Maintenance of Line Transformer		8,484.55
Maintenance of Street Lighting		996.13
Maintenance of Meters		6,337.14
Maintenance of Miscellaneous Distribution Plant		2,393.22
Total Distribution Expenses	\$	1,443,346.66
Transmission Expense	\$	5,465,160.04
General...		
Supervision	\$	18,426.36
Meter Reader Expenses		24,083.74
Customer Records and Collection Expenses		395,348.88
Advertising Expense		70.46
Miscellaneous Sales Expense (RCS)		-
Administrative and General Salaries		296,586.62
Office Supplies and Expenses		23,300.89
Administrative Expenses Transferred		-
Outside Services Employed		112,772.02
Property Insurance		81,741.00
Injuries and Damages		72,981.99
Employee Pension and Benefits		3,748,470.86
Regulatory Commission Expenses		-
General Advertising Expense		1,626.00
Miscellaneous General Expenses		43,227.14
Maintenance of General Plant		210,400.95
Transportation Expenses		98,204.73
Depreciation Expense		947,242.29
Total General and Depreciation Expenses	\$	6,074,483.93
Real Estate and Other Taxes	\$	16,313.37
Total Operation Expenses	\$	24,214,801.02

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 \$1,723,988.48 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. In 2020, the HLPD financial statements include an accrued transfer from the Rate Stabilization Trust fund of \$1,000,000.

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	\$272,748.95	13,438,846
MMWEC - Nuclear Mix #1	33,420.60	5,461,820
MMWEC - Millstone #3	28,896.40	4,613,826
MMWEC - Seabrook #4	87,169.10	18,080,354
MMWEC - Seabrook #5	9,708.69	2,013,744
MMWEC - Seabrook #6	660,082.15	136,912,268
Taunton - Cleary #9	59,413.64	1,852,807
FPL / NEXTERA	124,784.00	3,520,000
Sycarpha Stow	209,926.22	2,998,187
Southern Sky Solar	313,982.70	6,279,654
Solar - Local Customers	33,675.48	653,001
	\$1,833,807.93	195,824,507
ISO-NE	\$3,626,554.70	24,849,926
Total	\$5,460,362.63	220,674,433

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.

Town 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.

On July 19, 2019, MMWEC sold its 3.7% interest in the W.F. Wyman Unit No. 4 plant, which is operated and owned by its majority owner, FPL Energy Wyman IV, LLC.

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 costs are being funded through monthly Project billings. 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.

As of July 1, 2019, MMWEC has no debt service obligations outstanding relating to the Projects. 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) associated with the Department's Project Capability of the Projects in which it participates for the years ended December 31, 2020 and 2019, respectively are listed in the table below.

HUDSON LIGHT AND POWER DEPARTMENT

YEARS ENDED

PROJECTS	PERCENT SHARE	TOTAL	CAPACITY, FUEL &	CAPACITY, FUEL &
		CAPITAL	TRANSMISSION	TRANSMISSION
		EXPENDITURES	BILLED	BILLED
		2020	2020	2019
Stony Brook Peaking Project	0.0000%	-	-	-
Stony Brook Intermediate Project	0.0000%	-	-	-
Nuclear Mix No. 1-Seabrook	3.3984%	345,874	15,939	18,555
Nuclear Mix No. 1-Millstone	3.3984%	2,087,857	201,906	199,272
Nuclear Project No. 3-Millstone	1.5997%	2,396,744	190,492	188,538
Nuclear Project No. 4-Seabrook	4.2300%	12,741,232	529,774	618,360
Nuclear Project No. 5-Seabrook	1.8613%	1,518,131	59,832	69,807
Project No. 6-Seabrook	23.1278%	129,348,498	4,059,383	5,318,597
		\$ 148,438,336	\$ 5,057,326	\$ 6,413,129

Statement of Changes in Financial Position

January 1, 2020 to December 31, 2020

Funds were provided from . . .

Operations . . .

Net Income	\$	3,192,371.89
Miscellaneous Credits to Surplus		-
Return of Investment		-

Total Funds Provided

\$ 3,192,371.89

Funds were used for . . .

Increase (Decrease) to Utility Plant	\$	1,607,134.70
Miscellaneous Debits to Surplus		(641,742.48)
Return to Town of Hudson		225,000.00
Return to Town of Stow		66,879.56
Other Interest Expense		32,441.38

Total

\$ 1,289,713.16

Increase (Decrease) in Working Capital

\$ 1,902,658.73

Increase (Decrease) in Working Capital Represented by

Cash	\$	(716,170.93)
Receivables		572,485.19
Materials and Supplies		(51,842.07)
Prepayments		3,021,215.44
Interest Receivable		34,068.27
Accrued Utility Revenues		(22,530.55)
Miscellaneous Deferred Debits		-
Miscellaneous Accrued Liabilities		(1,170,483.17)
Accounts Payable		312,835.39
Injury Reserve		(76,918.84)
Taxes Payable		-

Total

\$ 1,902,658.73

Revenue from Sale of Electricity

January 1, 2020 to December 31, 2020

	HUDSON	STOW	OTHER	TOTAL
Res. Service "A"	\$3,797,944.33	\$1,378,551.41	\$110,273.54	\$5,286,769.28
Res. Wtr. Heater "E"	443,105.56	485,786.29	30,433.54	959,325.39
All Elec. Service "F"	554,622.60	205,650.89	9,597.39	769,870.88
Com. Htg. & Air Cond.	-	-	-	-
Com. Service "C"	1,564,408.07	368,216.56	10,112.65	1,942,737.28
Large Power "D"	3,645,348.45	652,108.41	-	4,297,456.86
Municipal All Elec.	-	-	-	-
Municipal Service "C"	114,254.08	23,248.53	802.86	138,305.47
Municipal Power "D"	384,229.97	271,664.52	-	655,894.49
Street Lighting	49,795.43	2,678.09	37.70	52,511.22
Yard Lighting	63,553.58	8,755.41	1,408.32	73,717.31
Pwr Adj Charges...				
Res. Service "A"	\$2,760,621.33	1,014,619.25	81,941.83	3,857,182.41
Res. Wtr. Heater "E"	388,824.83	437,966.91	27,549.98	854,341.72
All Elec. Service "F"	494,735.76	187,330.09	8,486.58	690,552.43
Com Htg. & Air Con	-	-	-	-
Com Service "C"	1,071,762.94	245,584.07	4,654.24	1,322,001.25
Large Power "D"	3,284,313.69	530,202.62	-	3,814,516.31
Municipal All Elec.	-	-	-	-
Municipal Service "C"	80,664.83	16,165.21	270.13	97,100.17
Municipal Power "D"	316,593.28	226,471.36	-	543,064.64
Street Lighting	-	-	-	-
Yard Lighting	16,850.68	2,367.69	349.66	19,568.03
Total Rev. Each Zone	\$19,031,629.41	\$6,057,367.31	\$285,918.42	\$25,374,915.14
Misc. Electric Sales				(\$151,744.26)
Total Revenue from Sale of Electricity				\$25,223,170.88
Res. Service "A"		\$9,143,951.69		
Res. Service "E" Wtr Htr		1,813,667.11		
All Elec. Service "F"		1,460,423.31		
Com. Htr. & Air. Cond		-		
Com. Service "C"		3,264,738.53		
Large Power "D"		8,111,973.17		
Municipal All Elec.		-		
Municipal Service "C"		235,405.64		
Municipal Power "D"		1,198,959.13		
Street Lighting		52,511.22		
Yard Lighting		93,285.34		
Total		\$25,374,915.14		

STATISTICS
KILOWATT-HOURS GENERATED, PURCHASED, SOLD and USED

January 1, 2020 to December 31, 2020

Kilowatt-hours Generated	7,901,714
Kilowatt-hours Purchased	220,674,433
Total Generated & Purchased	228,576,147

	HUDSON	STOW	OTHER AREAS
Kilowatt-hours Sold...			
Residence Service "A"	54,951,085	20,188,544	1,626,409
Service "E" (wtr htr)	7,743,041	8,717,632	548,107
All Electric Service "F"	9,892,426	3,738,230	169,689
Htg. and Air Cond. for Business	0	0	0
Commercial Service "C"	20,772,363	4,753,657	90,524
Large Power "D"	63,572,867	10,279,895	0
Departmental Usage	136,794	0	0
Municipal All Electric	0	0	0
Municipal Service "C"	6,107,458	1,110,110	3,248,952
Municipal Power "D"	1,563,823	313,190	5,199
Street Lighting	498,636	24,844	350
Yard Lighting	324,563	45,617	6,734
	165,563,057	49,171,719	5,695,964
Total Kilowatt-hours Each Zone			
Total Kilowatt-hours distributed			220,430,740
Kilowatt-hours sold for resale			0
Kilowatt-hours used at Station and misc.			1,172,307
Kilowatt-hours lost in Distribution Lines			6,973,101
Total			228,576,147
Percent lost in station		0.5129%	
Percent lost in Distribution Lines		3.0507%	

Five-Year Comparative Electric Sales Data

	2020	2019	2018	2017	2016
Customer Count...					
Residential	11411	11366	11278	11187	11008
Commercial	1486	1486	1467	1453	1436
Industrial	137	137	138	137	134
Municipal	132	128	126	124	125
Others	166	166	167	167	168
Total*	13332	13283	13176	13068	12871

Kilowatt-hour Sales...					
Residential	107,575,164	101,344,014	105,908,660	99,870,810	99,357,377
Commercial	25,616,544	26,754,573	27,409,520	27,247,276	28,023,902
Industrial	73,852,762	75,787,151	76,582,641	81,385,485	95,427,950
Municipal	12,872,562	13,593,528	13,746,490	13,804,538	13,139,118
Other	376,914	391,552	432,813	524,568	611,907
Total **	220,293,946	217,870,818	224,080,124	222,832,677	236,560,254

Revenues Billed...					
Residential	12,418,042.11	11,164,585.29	11,206,486.89	10,161,560.19	11,840,258.86
Commercial	3,264,738.53	3,245,039.70	2,984,937.55	2,736,540.67	3,293,005.00
Industrial	8,111,973.17	7,886,330.31	7,033,304.54	6,879,892.73	9,183,479.02
Municipal	1,486,875.99	1,504,306.41	1,370,069.09	1,290,780.34	1,391,456.97
Other	93,285.34	94,814.04	100,799.42	112,373.84	111,841.70
Total ***	25,374,915.14	23,895,075.75	22,695,597.49	21,181,147.77	25,820,041.55

**Number of customers based on annual average.*

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

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

Consumers Statistics

December 31, 2020

Hudson

Hudson Residential Consumers	8,378
Hudson Commercial Consumers	1,119
Hudson Power Consumers	122
Hudson Municipal Consumers	100
Total Hudson Consumers	<u>9,719</u>

Stow and Maynard

Stow Residential Consumers	2,821
Stow Commercial Consumers	335
Stow Power Consumers	17
Stow and Maynard Municipal Consumers	24
Total Stow and Maynard Consumers	<u>3,197</u>

Boxboro, Bolton, Berlin, Marlboro, etc.

Boxboro, Bolton, Berlin, Marlboro, Etc. Residential Consumers	222
Boxboro, Bolton, Berlin, Marlboro, Etc. Commercial Consumers	31
Boxboro, Bolton, Berlin, Marlboro, Etc. Municipal Consumers	7
Total Boxboro, Bolton, Berlin, Marlboro, Etc. Consumers	<u>260</u>

Total Consumers on the System *

13,176

** 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, 2020	\$7,196,698.49
Interest, Dividends and Principal Received	146,166.72
Gain on Sales	19,181.42
Total Additions to the Fund	\$165,348.14
Loss on Sales	1,535.96
Service Charges	10,852.97
Foreign tax paid	272.36
Transfer to Operation Cash	1,000,000.00
Total Reductions to the Fund	\$1,012,661.29
 Balance of the Rate Stabilization Fund as of December 31, 2020	 \$6,349,385.34

FIXED INVESTMENTS	COST BASIS	EQUITY INVESTMENTS	COST BASIS
AVIDIA BANK MMKT	\$ 281,317.30	(ABT) ABBOTT LABS	\$ 52,141.64
COMMONWEALTH MONEY MARKET	1,940,158.93	(MO) ALTRIA GROUP, INC.	88,991.39
CENTURY BANK CD 1913	278,107.05	(AIG) AMERICAN INT'L GROUP INC.	71,504.82
JOHNSON & JOHNSON	147,915.00	(AIG) AMERICAN INT'L GROUP INC. WT	135.54
PFIZER	150,226.93	(BAC) BANK OF AMERICA CORPORATION	79,420.35
MERCK & CO	148,599.00	(BMJ) BRISTOL MYERS SQUIBB CO	83,639.81
GENERAL ELECTRIC CO MTN	273,762.50	(KO) COCA COLA	52,397.70
ALTRIA GROUP INC NOTE	47,317.24	(ED) CONSED	104,507.37
SOUTHERN CO GAS CAP	125,753.98	(LLY) ELI LILLY & CO	76,602.38
GENERAL MILS INC MED TERM NTS BE NOTE	279,218.97	(EMR) EMERSON ELECTRIC CO	95,949.87
BK OF AMERICA CORP SER M MTN 1.11663	275,675.03	(GIS) GENERAL MILLS INC.	63,809.89
AT&T INC NOTE	278,606.52	(HPQ) HEWLETT PACKARD CO.	85,026.93
INTERSTATE PWR & LT CO	129,676.64	(JNJ) JOHNSON & JOHNSON	104,107.41
GOLDMAN SACHS BK USA 245K - CD	244,510.00	(KMB) KIMBERLY CLARK	86,619.33
UNITED STATES TREASNTS NOTE	130,133.06	(MCD) MCDONALDS CORP	69,827.63
		(MRK) MERCK & CO INC	72,144.10
		(PEP) PEPSICO INC.	46,122.99
		(PFE) PFIZER INC.	85,097.98
		(PG) PROCTER & GAMBLE CO.	45,199.91
		(ROK) ROCKWELL AUTOMATION INC	99,897.67
		(SO) SOUTHERN CO.	95,517.27
		(UN) UNILEVER	55,020.18
		(VTRS) VIATRIS INC	4,725.03
Total	\$ 4,730,978.15		\$ 1,618,407.19

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, 2020 \$ 20,433,500.98

Cash transferred to HLPD Retirement Trust Fund	3,177,000.00
Gain on Sales	5,045.67
Interest, dividends and Principal received	612,176.52
Total Additions to the Fund	\$ 3,794,222.19

Payments to the Town of Hudson	1,453,011.52
Loss on Sales	14,711.07
Service Charge	41,337.24
Foreign tax paid	2,724.29
Total Reductions to the Fund	\$ 1,511,784.12

Balance of Retirement Fund as of December 31, 2020 \$ 22,715,939.05

FIXED INVESTMENTS	COST BASIS	EQUITY INVESTMENTS	COST BASIS
AVIDIA BANK MONEY MARKET	\$ 1,013,040.74	(ABT) ABBOTT LABS	\$ 354,399.18
COMMONWEALTH MONEY FUNDS	3,196,393.87	(MO) ALTRIA GROUP INC	452,378.91
GNMA	242.48	(AIG) AMERICAN INT'L GROUP INC.	48,247.99
GNMA	252.27	(AIG) AMERICAN INT'L GROUP INC. WT	372.73
CENTURY CD 1727	226,619.88	(BAC) BANK OF AMERICA CORPORATION	377,700.92
WESTERN MASS ELECTRIC CO.	605,189.57	(BMY) BRISTOLMYERS SQUIBB	896,106.11
BALTIMORE GAS & ELECTRIC	664,412.58	(KO) COCA COLA	528,855.92
BANK AMERICA CORP SER L MTN	453,823.27	(ED) CONS EDISON	610,950.02
BANK AMERICA CORP	357,839.63	(LLY) ELI LILLY & CO	602,680.75
GENERAL ELECTRIC CO MTN	597,144.00	(EMR) EMERSON ELECTRIC CO.	681,799.95
GEORGIA PWR CO SER 2020A NOTE	453,847.86	(GIS) GENERAL MILLS INC.	564,319.50
BANK AMER CORP SER M MTN	601,050.25	(HPQ) HEWLETT PACKARD CO.	445,155.42
AT&T INC	362,948.62	(JNJ) JOHNSON & JOHNSON	591,815.60
AT&T INC 550K 1.49838%	607,768.11	(KMB) KIMBERLY CLARK	526,765.41
GEORGIA PWR CO NOTE	530,530.02	(MCD) MCDONALDS CORP	418,394.60
EVERSOURCE ENERGY	612,490.94	(MRK) MERCK & CO	844,095.20
UNITED STATE TREASURY NOTES	649,549.65	(PEP) PEPSICO INC.	432,723.73
UNITED STATES TREAS NTS NOTE	300,307.07	(PFE) PFIZER INC.	921,020.14
		(PG) PROCTER & GAMBLE CO.	566,823.24
		(ROK) ROCKWELL AUTOMATION INC	530,207.38
		(SO) SOUTHERN CO	610,459.79
		(UN) UNILEVER	426,066.94
		(VTRS) VIATRIS	51,148.81
Total	\$ 11,233,450.81		\$ 11,482,488.24

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.

Balance of the Other Post Employment Benefit Fund as of January 1, 2020	\$ 2,105,851.71
Interest, Dividends and Principal Received	54,289.71
Transfers from Operations Cash	247,000.00
Gain on Sales	3,201.94
Total Additions to the Fund	\$ 304,491.65
Loss on Sales	
Service charge	3,813.03
Foreign tax paid	
Total Reductions to the Fund	\$ 3,813.03
Balance of the Other Post Employment Benefit Fund as of December 31, 2020	\$ 2,406,530.33

FIXED INVESTMENTS	COST BASIS
AVIDIA BANK MONEY MARKET	\$ 44,348.14
COMMONWEALTH CASH	516,925.06
CITIGROUP	185,697.05
APPLE INC	160,071.13
BANK OF AMERICA CORP	221,378.60
RAYTHEON TECHNOLOGIES CORP	133,772.06
Total	\$1,262,192.04

Hudson Light and Power

Other Post-Employment Benefits Trust

EQUITY INVESTMENTS	COST BASIS
(ABT) ABBOTT LABS	\$ 16,326.49
(APD) AIR PRODUCTS & CHEM	8,127.47
(MO) ALTRIA GROUP, INC.	35,639.25
(AMP) AMERIPRISE FINANCIAL INC	67,097.00
(AAPL) APPLE INC COMP	96,792.21
(T) AT&T INC	36,919.76
(AVB) AVALON BAY COMMUNITIES INC	20,245.35
(BAC) BANK OF AMERICA CORPORATION	40,507.51
(BMY) BRISTOL MYERS SQUIBB	29,554.09
(CVX) CHEVRON CORP	21,225.42
(CMCSA) COMCAST CORP NEW CL A	32,442.58
(ED) CONSED	17,062.59
(DIS) DISNEY WALT CO	40,795.43
(EMN) EASTMAN CHEMICAL CO	10,333.95
(LLY) ELI LILLY & CO	24,162.49
(EMR) EMERSON ELECTRIC CO.	40,881.16
(GIS) GENERAL MILLS INC.	29,738.05
(HPQ) HEWLETT PACKARD CO.	42,398.40
(JNJ) JOHNSON & JOHNSON	24,136.26
(KMB) KIMBERLY CLARK CORP	21,398.88
(MPC) MARATHON PETROLEUM CORP	21,030.37
(MCD) MCDONALDS CORP	27,055.39
(MRK) MERCK & CO INC	22,722.68
(MSFT) MICROSOFT CORP	82,081.46
(NUE) NUCOR CORP COM	10,334.09
(PEP) PEPSICO INC.	20,843.95
(PFE) PFIZER INC	26,566.80
(PSX) PHILLIPS 66 COM	20,789.45
(PLD) PROLOGIS INC	20,595.07
(PRU) PRUDENTIAL FINL INC.	69,137.23
(ROK) ROCKWELL AUTOMATION INC	45,282.89
(SO) SOUTHERN CO.	15,794.06
(TJX) TJX COS INC NEW COM	40,935.41
(VZ) VERIZON COMMUNICATIONS	33,107.32
(VTRS) VIATRIS INC COM	1,474.38
(WRK) WESTROCK CO COM	30,803.40
	\$ 1,144,338.29

PARK COMMISSION / DIVISION OF RECREATION 2021 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 RECtober Fest (formerly Pumpkin Fest), an Annual Golf Tournament and a youth Fishing Derby. 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 our 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 as well as the 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 our jurisdiction and collects fees for programs, services, field use rentals and other services administered by the department. Although the Division of Recreation advertises programs, services and events throughout the year using various brochures, flyers and written notices; the Recreation Department website (www.hudsonrecreation.org) and social media outlets such as Facebook , Twitter and Instagram (added in early 2020) have proven to be the most effective mode of communication among program participants and those in 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 2020, 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. As part of the FY21 Budget, the Park Commission/Division of Recreation requested funding to support upgrades to the Splash Pad Chemical Control Systems, as well as the replacement of the Kiosks located along the Assabet River Rail Trail. 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, Board of Health, Hudson Public Schools, Hudson Light & Power and various Private Contractors. Key 2020 projects include: The start of the Centennial Beach Renovation Project (which included comprehensive site surveys and the installation of various field stone boundary walls); Drainage Improvements to the Sauta Fields Parking Lot (to address the washout that was negatively impacting the athletic field playing surface); Replacement of the Splash Pad Spray Feature Pump; Upgrading flood lights at both the Warren Chamberlain Recreation Facility and the Riverside Tennis Courts (changing fixtures from conventional to LED fixtures); Improvements to the Assabet River-Chapin Road Nature Trail (in partnership with the Hudson Land Trust, where various footbridges were reinforced and/or installed to improve access), and improvement to the Farley School Playground (which included the installation of a the previously removed 2-5 yr play structure, originally located at HHS and new swings to be installed in 2021).

While Covid-19 impacted the work completed above in various ways, it most significantly impacted the recreation programs and services the department typically provides on an ongoing basis. Fortunately, the Division of Recreation was still able to safely run modified and virtual programs, as depicted in the report below and all in-person program offerings were planned and modified around the Covid-19 state and local restrictions. The department is proud to have played a small role in planning the 2020 Graduation commencement services for

Hudson High School and we worked collaboratively with the Hudson Health Department to develop a new Bench Donation Program to be implemented in 2021. Additionally, new programs were added throughout the year to keep the community engaged. New programs included: CPR Training in partnership with the Assabet Valley Chamber of Commerce; the release of At-Home Basketball Workouts in late winter 2020; various web-based Coloring Contests for Children; Youth Summer Tennis Lessons (8 weeks vs 6 weeks, due to increased interest); Youth Summer Track program; partnership with Skyhawks (to provide Flag Football, Multisport and Youth Golf programs) in the fall of 2020; Virtual Kids' Test Kitchen (food prep/cooking program); and the release of At-Home Winter Activity Book.

Moving forward...

As the threat Covid-19 in our community and beyond decreases...the Park Commission/Division of Recreation intends to offer most if not all programs, activities and events it has offered in the past for the Town of Hudson and its community members. While we may not know the what, when, where and how of all future programs, we are confident that we will continue to find ways to safely serve our community to the best of our abilities. Programs such as Babysitting and Home Alone Safety Courses for children, online Coding Classes and various esports offerings developed this past year will be implemented in 2021 and expanded where possible. Key projects for 2021 include: the completion of the Centennial Beach Renovation Project and the initial implementation of the next large scale long-term recreation master plan initiative. Additionally, the Park Commission hopes to review and update its Policies, Rules & Regulations, and Facility Use Fees during 2021 as this was not completed in 2020 as originally planned due to Covid-19.

The last year has challenged the Park Commission/Division of Recreation to think creatively outside of the box to learn how to keep our community members engaged, connected and safe amidst a global pandemic. While the narrative above identifies many projects and programs the department was able to successfully execute and how we plan to charge ahead, it is equally important to reflect on the programs and events that our community missed out on as a result of Covid-19. As a community driven agency, whose peak season runs from late spring through the end of summer each year, this past year was extremely difficult for us. Covid-19 impacted our Budget, our Town Beach was closed, we did not have hundreds of children under our direct care, we were not able to offer employment and volunteers opportunities to over 80 individuals and our annual fall RECTober Fest community event was cancelled. As a result, many of us felt lost, frustrated and a sense of disconnect at times. To say that world, our community and our department will go back to that way things were is not realistic. However, the struggles we were faced with will serve as the catalysts for new ideas, new ways to connect and a greater need to serve our community. And while we are proud of what we have accomplished during this past year of uncertainty, we are extremely excited for what lies ahead. We look forward to opportunity to continue to serve the Town of Hudson, however that may look in the years to come.

FINANCIALS

Budget	FY20	FY21
Recreation Salaries	\$331,646.00	\$321,703.00
Recreation Expenses	\$71,007.00	\$69,533.00

FY21 Town Meeting Approved Articles

Splash Pad Chemical Control Systems		\$10,000.00
Assabet River Rail Trail Kiosk Replacement		\$10,000.00

Revolving Fund & Gift Account Balances

	1-Jul-19	1-Jul-20
Recreation Programs Revolving	\$288,309.84	\$137,330.44
Recreation Gifts & Donations	\$24,952.44	\$15,205.62
Hamilton Children's Recreation Program Gift	\$50,000.00	\$50,366.00

EMPLOYMENT

	2019	2020
Part-Time Seasonal Staff	72 individuals	31 individuals
Volunteers (throughout year)	50 individuals	10 individuals

SOCIAL MEDIA	2019	2020
Facebook (likes / followers)	1762 / 1882	1965 / 2156
Twitter (followers)	26	26
Instagram (followers)	n/a	318

FACILITY SCHEDULING	2019	2020
Total Hours Scheduled	8075	3181
Use of Town Property Forms Processed	72	37

PROGRAM STATISTICS (*denotes # of participants registered, prior to program cancellation due to Covid-19)

Fall / Winter Programs:

Youth Basketball Instructional Program	306 participants	278 participants
Unified Basketball Program	51 participants	56 participants
Traveling Basketball Teams	72 participants (7 teams)	n/a
Elks Hoop Shoot	53 participants	50 participants
Winter Baseball/Softball Clinics	109 participants	113* participants

Spring / Summer Programs:

	2019	2020
RECKids Day Socialization	208 participants	cancelled - Covid-19
<i>2020 RECKids special events & field trips: n/a</i>		
<i>Total RECKids special events and field trips participation:</i>	<i>640 participants</i>	<i>cancelled - Covid-19</i>
Youth Swim Instruction (4 sessions)	147 participants	cancelled - Covid-19
Guard Start/Lifeguard Training	19 participants	cancelled - Covid-19
Youth Tennis Instruction (8 sessions)	113 participants	194 participants
Adult Tennis Lesson (1 session)	n/a	6 participants
Track & Field	38 participants	43 participants
Field Hockey Clinic	10 participants	cancelled - Covid-19
Archery Lessons	13 participants	cancelled - Covid-19
Skyhawks (Golf Lessons)	n/a	10 participants
Skyhawks (Flag Football)	n/a	10 participants
Skyhawks (Ultimate Sports)	n/a	10 participants
Kids' Test Kitchen (in-person/virtual)	n/a	12*/14 participants
Unified Noodle Ball	n/a	41* participants
Babysitting Course	n/a	20* participants
Home Alone Safety Course	n/a	30* participants
CPR/First Aid Courses	74 participants	26 participants
Counselor In Training (C.I.T)	5	cancelled - Covid-19

Total Transactions Processed (through RecDesk)	1096	617
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Centennial Beach Parking (2020):

Resident Day Passes	996 passes	0 passes
Resident Season Passes	393 passes	0 passes
Non-Resident Day Passes	143 passes	0 passes
Non-Resident Season Passes	56 passes	0 passes
Total Income	\$15,720.00	\$0.00

Special Events & Activities (2020):

Recreation Golf Tournament	144 golfers	72 golfers (<i>Oct 2020</i>)
Wood Park Concerts	7 concerts	cancelled - Covid-19
Cellucci Park Concerts	3 concerts	cancelled - Covid-19
RECTober Fest Attendance (formerly Pumpkin Fest)	unknown – no entry fee	cancelled - Covid-19
RECTober Fest Vendors / Food Trucks	27 /3	cancelled - Covid-19
George Chiasson Memorial Fishing Derby	65 participants	cancelled - Covid-19

Respectfully Submitted,

James D. Roan, Chairman – Hudson Park Commission

Robert D. Bowen, Park Commissioner

Michael C. Chaves Sr., Park Commissioner

Steven L. Santos, Director of Recreation