

**PRINCETON MUNICIPAL LIGHT DEPARTMENT**  
Financial Statements  
December 31, 2021 and 2020

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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DECEMBER 31, 2021 AND 2020

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GOULET, SALVIDIO  
& ASSOCIATES, P.C.  
CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITORS' REPORT

To the Municipal Light Board  
Princeton Municipal Light Department  
Princeton, Massachusetts 01541

***Qualified Opinion***

We have audited the financial statements of Princeton Municipal Light Department (the "Department") which comprise the statements of net position as of December 31, 2021 and 2020, and the related statements of revenues, expenses and changes in net position, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, except for the effects on the accompanying 2020 financial statements of reporting the Department's December 31, 2020 portion of the net pension liability (NPL) as described in the Basis for Qualified Opinion section of our report, the financial statements present fairly, in all material respects, the financial position of the Department as of December 31, 2021 and 2020, and the results of its operations and its cash flows for the years then ended in accordance with the accounting principles generally accepted in the United States of America.

***Basis for Qualified Opinion on the 2021 Financial Statements***

The Department has reported its December 31, 2020 portion of the NPL based on reports provided by the Worcester Regional Retirement System (WRRS) that are not in compliance with GASB standards. Government accounting standards require that the NPL be reported using actuarial data that is no more than 30 months and one day old. The WRRS provided NPL information using data from an actuarial valuation dated January 1, 2018. The amount by which this departure would affect the assets, liabilities, net position, and revenues of the Department has not been determined.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Department and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our qualified audit opinion on the 2020 financial statements and for our opinion on the 2021 financial statements.

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### ***Responsibilities of Management for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Department's ability to continue as a going concern for the years ended December 31, 2021 and 2020.

### ***Auditors' Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users made on the basis of these financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Department's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Department's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### ***Emphasis of Matter***

As discussed in Note 1, the financial statements present only the Princeton Municipal Light Department and do not purport to, and do not present fairly the financial position of the Town of Princeton, Massachusetts, as of December 31, 2021 and 2020, the changes in financial position, or its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

### ***Other Matters***

#### ***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis, Other Postemployment Benefits information, and Net Pension Liability information on pages four through seven and 29 through 32, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### ***Supplementary Information***

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The supplementary information presented on pages 33 and 34 are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Goulet, Salvidio & Associates, P.C.

*Goulet, Salvidio & Associates, P.C.*

Worcester, Massachusetts  
July 21, 2022

## MANAGEMENT'S DISCUSSION AND ANALYSIS

Within this section of the Princeton Municipal Light Department's annual financial report, management provides narrative discussion and analysis of the financial activities of the Princeton Municipal Light Department for the years ended December 31, 2021 and 2020. The Department's performance is discussed and analyzed within the context of the accompanying financial statements and disclosures following this section.

### Overview of the Financial Statements:

The basic financial statements include (1) the statements of net position (2) the statements of revenues, expenses and changes in net position (3) the cash flow statements and (4) notes to the financial statements.

The Statements of Net Position are designed to indicate our financial position as of a specific point in time. As of December 31, 2021, it shows our net position was \$6,013,545, an increase of \$526,887 over 2020.

The Statements of Revenues, Expenses and Changes in Net Position, summarize our operating results and reveals how much of a profit (loss) was earned for the year. As discussed on the following page our net income before contributions and transfers for the year ending December 31, 2021 and 2020 was \$533,021 and \$272,716, respectively.

The Statement of Cash Flows provides information about the cash receipts and cash payments during the accounting period. It also provides information about the operating activities, investing activities and financing activities for the same period.

### Summary of Net Position

	<u>2021</u>	<u>2020</u>
Current Assets	\$ 1,800,950	\$ 1,890,757
Noncurrent Assets	<u>10,559,492</u>	<u>10,629,736</u>
Total Assets	<u>12,360,442</u>	<u>12,520,493</u>
Deferred Outflows of Resources	<u>611,915</u>	<u>670,548</u>
Total Assets and Deferred Outflow of Resources	<u>\$ 12,972,357</u>	<u>\$ 13,191,041</u>
Current Liabilities	\$ 912,599	\$ 994,318
Noncurrent Liabilities	<u>5,133,050</u>	<u>5,690,247</u>
Total Liabilities	<u>6,045,649</u>	<u>6,684,565</u>
Deferred Inflows of Resources	<u>913,163</u>	<u>1,019,818</u>
Net Position:		
Net Investment in Capital Assets	5,296,522	4,907,268
Net Position Restricted for Depreciation	1,483,809	1,255,710
Unrestricted	<u>(766,786)</u>	<u>(676,320)</u>
Total Net Position	<u>6,013,545</u>	<u>5,486,658</u>
Total Liabilities, Deferred Inflows of Resources and Net Position	<u>\$ 12,972,357</u>	<u>\$ 13,191,041</u>

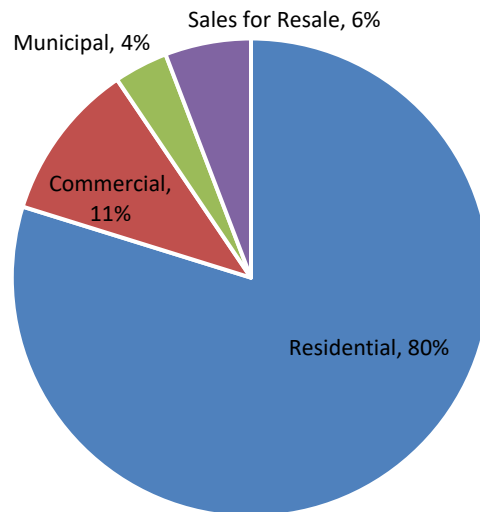
### Summary of Changes in Net Position

	2021	2020
Operating Revenues	\$ 4,079,838	\$ 3,974,737
Operating Expenses	<u>(3,433,347)</u>	<u>(3,582,236)</u>
Operating Income	646,491	392,501
Nonoperating (Expenses) Revenues	<u>(113,470)</u>	<u>(119,785)</u>
Increase in Net Position before Transfers	533,021	272,716
Net Position, January 1	5,486,658	5,220,080
Transfer Out – Services Rendered in Lieu of Taxes (See “Services to Town” on p.6)	<u>(6,134)</u>	<u>(6,138)</u>
Net Position, December 31	<u>\$ 6,013,545</u>	<u>\$ 5,486,658</u>

### Financial Highlights

The Princeton Municipal Light Department (PMLD) is a non-profit public service corporation, whose primary goal is to provide reliable and cost effective electric service to the residents and businesses of the Town of Princeton MA. PMLD has operated in Princeton since 1912. PMLD is a Town asset, working as a separate governmental unit under the regulations and oversight of the Department of Public Utilities, with its own Board of Light Commissioners, policies, and budget serving the needs and providing value to our ratepayers.

### Source of Operating Revenues



### **Debt Administration**

Long-term debt is made up of the outstanding balance on PMLD's Pooled Financing Loan Agreement with the Massachusetts Municipal Wholesale Electric Company ("MMWEC"). PMLD entered into this agreement on March 16, 2015 to provide term financing for the purchase of the wind generation facilities from the Massachusetts Municipal Light Department Wind Energy Cooperative Corporation. This loan was termed out during March 2017. The outstanding principal balance as of December 31, 2021 and 2020 was \$3,130,193 and \$3,736,036, respectively.

### **Reliability**

Delivering and maintaining reliable energy to every customer in Princeton is one of PMLD's main goals. PMLD completed several upgrade projects to the electric distribution system, such as new utility poles, wires, and hardware; and the continued conversion of our main distribution lines from 4800 volts to 13800 volts. There were no town wide outages on the PMLD distribution side of the Town Meter. PMLD's customer outage hours for 2021 were 2,953 customer hours or roughly 1.95 hours per customer for the year, down from 18,392 customer hours and 12.23 hours per customer in 2020. PMLD will continue to rebuild and strengthen the distribution system with new equipment and a comprehensive tree trimming program that has proven successful. PMLD is committed to keeping the lights on and those rare occasions that the lights go out, we are committed to as quick a response and restoration of the electric service as possible.

### **Vegetation Management Plan**

PMLD, in conjunction with the Town Tree Warden, has in place a Vegetation Management Plan for the Town. The plan clearly divides the Town into five (5) tree trimming cycles. An individual cycle will be identified on any given year as the area of focused tree trimming and tree removal for that given year. It is our desire that this will allow the residents of Princeton to know where PMLD is trimming and give PMLD an organized method for tree removal and maintenance tree trimming. PMLD also hired an outside contractor, All Reliable Services ("ARS") to perform vegetation management services on cycle 2 in 2021.

### **Electric Customers and Rates**

PMLD provided service to 1,395 residential, 12 solar residential, 7 Farm, 78 commercial, 2 commercial solar, and 22 municipal customers as of December 2021 (total count = 1,516). Residential customers consume approximately 82% of the town's total energy use. All PMLD customers consumed just under 15 million kWh of energy in 2021, and the average home consumes approximately 750 kWh per month.

The average home in Princeton spends approximately \$180 per month on electricity. PMLD's priority is to provide a safe and reliable system that meets or exceeds renewable energy standards while maintaining the lowest rates possible. PMLD is committed to finding ways to stabilize and/or reduce rates. PMLD's rates are based on a formal rate study performed by an outside organization. PMLD's rates are currently lower than what has been recommended by the rate study group. In 2008 before the wind turbines were in place our rate was \$0.1923 per kilowatt hour. Today Princeton ratepayers pay a base rate of \$0.1975 per kilowatt hour. The additional \$0.05 per kilowatt hour that makes up the \$0.2475 current residential retail rate, is allocated to pay for the windfarm debt, maintenance, and operation expenses. In October 2017 PMLD revised the customer's electric bill detail and included this breakdown of information. PMLD's Board of Commissioners and management continue to work diligently to keep the rates as low as possible. The electric rates did not change in 2021. PMLD has a long-term energy purchase contract (through 2027) with NextEra Energy that provides PMLD ratepayers with consistent, affordable pricing monthly throughout the year, which enabled management to keep to a set budget and anticipate expenses without risk of what the volatile open market pricing could bring. PMLD's power portfolio matches ISO New England's daily fuel mix. PMLD ended the year on budget.



### **Wind Farm**

The Princeton Wind Farm operated at a 16% capacity factor in 2021 producing 4,200 MWhs of energy. PMLD has been utilizing the services of Baldwin Energy, Winchester, MA to maintain and repair the turbines since August of 2019. PMLD sells wind energy to the Sterling Municipal Light Department, the West Boylston Municipal Light Plant, and the ISO-NE Real-Time Market.

### **HELPS Program**

PMLD offered Princeton residents the opportunity to take advantage of energy conservation incentives appliance rebates for wi-fi thermostats, new energy efficient refrigerators, dishwashers, clothes washers, dehumidifiers, heat pumps, and pool pumps; free in-home energy audits; rebates associated with the Cool Homes Program for installation of new energy efficient central AC, mini-duct systems; and rebates associated with the Home Efficiency Incentive Program for improvements associated with home insulation, duct sealing and energy efficient heating system replacement. In 2021 a total of 34 audits were conducted, 24 rebates were awarded through the Cool Homes Program, 17 rebates were awarded through the Home Efficiency Incentive Program, 7 Wi-Fi thermostat rebate, and 27 appliance rebates were awarded to customers for various new energy efficient appliance purchases. PMLD contributed a total of \$35,975 towards homeowner's energy efficiency efforts in 2021.

### **Other Service Benefits to the Town**

In addition to providing the lowest cost possible and reliable energy, PMLD performed other services for the Town and for our customers in 2021, such as:

- PMLD installed United States Flags and other banners and signs for the Town Common in observance of Memorial Day, Flag Day, and the 4th of July.
- PMLD is the point of contact and distribution location for the volunteer Welcome Committee in town to present to all new residents a "Welcome to Beautiful Princeton" canvas tote bag that include small, personalized gifts, information, coupons and brochures from organizations, places of interest and businesses in and around town.
- PMLD purchased and distributed to residents PMLD promotional reusable items - reusable shopping bags, LED night lights & flashlights, water bottles, and "who to call" magnets at various community events.
- PMLD staff assisted various Town departments with the use of a bucket truck, tree removals, building repairs, and technical assistance as needed.

### **Significant Balances and Transactions**

#### **Depreciation Fund**

The Department maintains a depreciation fund, which is managed by the Town of Princeton Treasurer. This fund is used to pay for large capital investments such as new vehicles and other long-term assets. Items such as these would be purchased from the operating funds, which would then be replenished by funds transferred from the depreciation fund. The depreciation fund is required by state statute.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
STATEMENTS OF NET POSITION  
DECEMBER 31, 2021 AND 2020

ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

	2021	2020
CURRENT ASSETS:		
Funds on Deposit with Town Treasurer		
Operating Fund	\$ 990,740	\$ 1,050,022
Petty Cash	800	800
Customer Accounts Receivable, Net	459,926	487,398
Other Accounts Receivable	95,049	121,047
Materials and Supplies	189,408	173,760
Purchase Power Working Capital	40,895	30,116
Prepaid Expenses	24,132	27,614
	<hr/>	<hr/>
TOTAL CURRENT ASSETS	1,800,950	1,890,757
	<hr/>	<hr/>
NONCURRENT ASSETS:		
Funds on Deposit with Town Treasurer		
Depreciation Fund	1,483,809	1,255,710
Customer Meter Deposits	44,110	36,015
Funds on Deposit with MMWEC		
Pooled Financing Reserve	584,029	646,960
Utility Plant Assets, Net	8,447,544	8,691,051
	<hr/>	<hr/>
TOTAL NONCURRENT ASSETS	10,559,492	10,629,736
	<hr/>	<hr/>
TOTAL ASSETS	12,360,442	12,520,493
	<hr/>	<hr/>
DEFERRED OUTFLOWS OF RESOURCES:		
Deferred Outflows of Resources Related to Pensions	534,612	567,484
Deferred Outflows of Resources Related to OPEB	77,303	103,064
	<hr/>	<hr/>
TOTAL DEFERRED OUTFLOWS OF RESOURCES	611,915	670,548
	<hr/>	<hr/>
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	<u><u>\$ 12,972,357</u></u>	<u><u>\$ 13,191,041</u></u>

See Accompanying Notes to the Financial Statements

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
STATEMENTS OF NET POSITION  
DECEMBER 31, 2021 AND 2020

LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION

	2021	2020
CURRENT LIABILITIES:		
Accounts Payable	\$ 199,828	\$ 288,361
Capital Lease	20,829	26,918
Pooled Financing Loan	605,844	605,844
Accrued Expenses	86,098	73,195
	<hr/>	<hr/>
TOTAL CURRENT LIABILITIES	912,599	994,318
	<hr/>	<hr/>
NONCURRENT LIABILITIES:		
Pooled Financing Loan, Less Current Portion	2,524,349	3,130,192
Capital Lease, Less Current Portion	0	20,829
Customer Meter Deposits	39,895	33,500
Net Pension Liability	1,984,171	1,951,788
Net Other Postemployment Benefits Liability	584,635	553,938
	<hr/>	<hr/>
TOTAL NONCURRENT LIABILITIES	5,133,050	5,690,247
	<hr/>	<hr/>
TOTAL LIABILITIES	6,045,649	6,684,565
	<hr/>	<hr/>
DEFERRED INFLOWS OF RESOURCES:		
Contribution in Aid of Construction, Net	400,849	414,645
Unearned Revenue	1,796	1,548
Deferred Inflows of Resources Related to Pensions	276,155	303,076
Deferred Inflows of Resources Related to OPEB	234,363	300,549
	<hr/>	<hr/>
TOTAL DEFERRED INFLOWS OF RESOURCES	913,163	1,019,818
	<hr/>	<hr/>
NET POSITION:		
Net Investment in Capital Assets	5,296,522	4,907,268
Net Position Restricted for Depreciation	1,483,809	1,255,710
Unrestricted Net Position	(766,786)	(676,320)
	<hr/>	<hr/>
TOTAL NET POSITION	6,013,545	5,486,658
	<hr/>	<hr/>
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	<u>\$ 12,972,357</u>	<u>\$ 13,191,041</u>

See Accompanying Notes to the Financial Statements

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
STATEMENTS OF REVENUES, EXPENSES  
AND CHANGES IN NET POSITION  
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020

	2021	2020
OPERATING REVENUES:		
Sales of Electricity	\$ 4,007,558	\$ 3,896,654
Other Operating Revenues	72,280	78,083
	<u>4,079,838</u>	<u>3,974,737</u>
TOTAL OPERATING REVENUES		
OPERATING EXPENSES:		
Operating and Maintenance	3,070,038	3,220,264
Depreciation, Net of Amortization	363,309	361,972
	<u>3,433,347</u>	<u>3,582,236</u>
TOTAL OPERATING EXPENSES		
OPERATING INCOME	<u>646,491</u>	<u>392,501</u>
NONOPERATING REVENUES (EXPENSES):		
Interest Income	10,766	24,177
Interest Expense	(124,236)	(143,962)
	<u>(113,470)</u>	<u>(119,785)</u>
TOTAL NONOPERATING REVENUES (EXPENSES)		
Income Before Contributions and Transfers	533,021	272,716
NET POSITION - JANUARY 1	5,486,658	5,220,080
Transfers Out - Services Rendered in Lieu of Taxes	<u>(6,134)</u>	<u>(6,138)</u>
NET POSITION - DECEMBER 31	<u>\$ 6,013,545</u>	<u>\$ 5,486,658</u>

See Accompanying Notes to the Financial Statements

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020

	2021	2020
CASH FLOWS FROM OPERATING ACTIVITIES:		
Cash Received from Customers	\$ 4,139,951	\$ 3,898,841
Cash Paid to Suppliers	(2,445,169)	(2,562,808)
Cash Paid to Employees	(694,838)	(667,702)
Services Rendered In Lieu of Taxes	(6,134)	(6,138)
	<u>993,810</u>	<u>662,193</u>
Net Cash Provided by Operating Activities		
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:		
Additions to Utility Plant Assets	(133,598)	(63,214)
Net Transfer to Depreciation Fund	(226,536)	(76,267)
Payments on Capital Lease	(26,918)	(25,973)
Interest Expense	(1,230)	(2,084)
Repayment on Long-Term Debt	(542,913)	(524,369)
Interest Payments on Long-Term Debt	(123,006)	(141,878)
	<u>(1,054,201)</u>	<u>(833,785)</u>
Net Cash Used in Capital and Related Financing Activities		
CASH FLOWS FROM INVESTING ACTIVITIES:		
Interest Income	9,204	16,071
	<u>9,204</u>	<u>16,071</u>
NET DECREASE IN CASH	(51,187)	(155,521)
CASH, BEGINNING OF YEAR	<u>1,086,837</u>	<u>1,242,358</u>
CASH, END OF YEAR	<u>\$ 1,035,650</u>	<u>\$ 1,086,837</u>

See Accompanying Notes to the Financial Statements

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020

	2021	2020
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:		
Operating Income	\$ 646,491	\$ 392,501
Depreciation of Utility Property, Net of Amortization	363,309	361,972
Services Rendered In Lieu of Taxes	(6,134)	(6,138)
Pension Expense	218,801	224,339
OPEB Expense (Income)	(9,728)	4,460
Changes in Assets and Liabilities:		
(Increase)Decrease in Assets:		
Customer Accounts Receivable	27,472	(69,215)
Other Accounts Receivable	25,998	(7,029)
Materials and Supplies	(15,648)	(3,918)
Prepaid Expenses	3,482	(18,580)
Deferred Outflows of Resources Pension	(180,467)	(150,240)
Purchase Power Working Capital	(10,779)	0
Increase(Decrease) in Liabilities:		
Accounts Payable	(88,533)	(81,193)
Accrued Expenses	12,903	14,886
Customer Meter Deposit Liability	6,395	(1,200)
Unearned Revenue	248	1,548
Net Cash Provided by Operating Activities	<u>\$ 993,810</u>	<u>\$ 662,193</u>

SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION:

The following amounts are considered to be cash or cash equivalents for the purpose of the statements of cash flow:

	2021	2020
Operating Fund	\$ 990,740	\$ 1,050,022
Customer Meter Deposits	44,110	36,015
Petty Cash	800	800
	<u>\$ 1,035,650</u>	<u>\$ 1,086,837</u>

See Accompanying Notes to the Financial Statements

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
DECEMBER 31, 2021 AND 2020

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

The significant accounting policies of Princeton Municipal Light Department are as follows:

Reporting Entity

The Princeton Municipal Light Department (PMLD) is a component unit of the Town of Princeton, Massachusetts. The Light Department purchases electricity from various sources and sells it to the Town's residents and businesses at rates submitted to the Massachusetts Department of Public Utilities (DPU). The Municipal Light Board appoints a manager of municipal lighting who shall, under the direction and control of the municipal light board, have full charge of the operation and management of the Department.

Regulation and Basis of Accounting

PMLD's financial statements are reported using the flow of economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recorded when earned and expenses are recorded at the time liabilities are incurred.

Under Massachusetts law, electric rates of the Light Department are set by the Municipal Light Board and may be changed not more than once every three months. Rate schedules are filed with the Massachusetts Department of Public Utilities. While the DPU exercises general supervisory authority over the Light Department, the Light Department's rates are not subject to DPU approval. Rates must be set such that net earnings from operations do not exceed 8% of the cost of the utility plant.

Depreciation

The statutory provision for depreciation of utility plant is computed on the straight-line method at 3% of cost of plant in service at the beginning of the year, exclusive of land and land rights. Therefore, no depreciation is taken in the year of plant additions. Massachusetts law stipulates that the Light Department may change from the statutory depreciation rate only with the approval of the DPU.

The Department charges maintenance and repairs to operations when incurred. Replacements and betterments are charged to utility plant.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Compensated Absences

In accordance with Light Department policies, employees are allowed to accumulate sick days, up to a maximum of 60 days. Upon retirement from employment with the Light Department, the employee will be paid 50% for accumulated sick time. Upon termination the employee will not be paid for accumulated sick time. Employees are permitted to carry over up to 10 days of vacation time from one year to the next. Upon termination of employment with the Light Department, the employee will be paid for unused vacation time based on the employee's base rate of pay at the time of termination. The amount of vacation and sick time accrued as of December 31, 2021 and 2020 is \$57,803 and \$50,221, respectively.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
DECEMBER 31, 2021 AND 2020

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued):

Taxes

The Light Department is exempt from federal income taxes. Although also exempt from property taxes, the Light Department provides services in lieu of taxes to the Town of Princeton.

Revenue Recognition

The Light Department owns and maintains an electric distribution network serving the Town of Princeton, Massachusetts. Distribution revenues are primarily from the sale of electricity to residential, commercial, and industrial customers within the Town of Princeton. The rates are designed to recover the costs incurred by the Department for products and services provided along with a return on investment.

The performance obligation for electricity sales is to provide electricity to the customer on demand. The electricity supplied represents a single performance obligation as it is a series of distinct goods and services that are substantially the same. The performance obligation is satisfied immediately as the customer simultaneously receives and consumes the electricity as the Department provides this service. The Department records revenues related to the electricity sales based upon the effective rates and the volume delivered to the customers, which corresponds with the amount the Department has the right to invoice.

Revenues are recognized for energy service provided on a monthly billing cycle basis. No recognition is given to the amount of sales to customers which are unbilled at the end of the accounting period.

Operating expenses are the costs of providing electricity and include administrative expenses and depreciation of capital assets. Other revenues and expenses are classified as nonoperating in the financial statements.

Materials and Supplies

Materials and supplies are valued using the average cost method.

Cash and Cash Equivalents

For purposes of the statements of cash flows, PMLD considers all highly liquid debt instruments purchased with an original maturity of three months or less to be cash equivalents.

Sales Tax

The Department collects sales tax. The amount received is credited to a liability account and as payments are made, this account is charged. At any point in time, this account represents the net amount owed to the taxing authority for amounts collected but not yet remitted.

Accounts Receivable

The Department carries its accounts receivable at cost. Annually, the Department evaluates its accounts receivable and establishes a list of write-offs, which are submitted to the Light Board for approval. A receivable is considered past due if payments have not been received by the Department for 45 days. At that time, the Department will send a past due letter. Second notification is sent out 15 days later with a notice of termination of service if payment is not received within the next 72 hours. The Department has the right to shut off service to customers during the months of April through October if the customer is not making payments.

Reclassification

Certain prior year amounts have been reclassified to conform to the 2021 presentation.



PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued):

Allowance for Doubtful Accounts

In order to state accounts receivable at their realizable value, the Department provides a reserve for doubtful accounts. Accounts are identified as doubtful after two years and are written off when all legal efforts to collect have been exhausted. For the years ended December 31, 2021 and 2020 the allowance for doubtful accounts balance was \$5,065 in each year.

Contribution in Aid of Construction

Contribution in Aid of Construction represents non-refundable payments received from consumers and developers for extension of electric services for assets owned and maintained by Princeton Municipal Light Department. These amounts are recorded as a deferred inflow of resources net of amortization.

Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Worcester Regional Retirement System (System) and additions to/deductions from the System's fiduciary net position have been determined on the same basis as they are reported by the System. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms.

Other Postemployment Benefits (OPEB)

For purposes of measuring the Department's OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Princeton Municipal Light Department's OPEB Plan and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by the Plan. For this purpose, the Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

Deferred Outflows/Inflows of Resources

In addition to assets and liabilities, the statement of net position will sometimes report a separate section for deferred outflows and deferred inflows of resources. These separate financial statement elements, deferred outflows and inflows of resources, represent a consumption of net position that applies to a future period and so will not be recognized as an outflow/inflow of resources (expense/expenditure) until then.

NOTE 2 – DEPRECIATION FUND:

Pursuant to provisions of the Commonwealth's General Laws, cash in an amount equivalent to the annual depreciation expense is transferred from unrestricted funds to the depreciation fund. Interest earned on the balance of the fund must also remain in the fund. Such cash may be used for the cost of plant, the costs of contractual commitments, and future costs related to such commitments which the Municipal Light Board determines are above market value.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 3 – CONCENTRATIONS OF CREDIT RISK:

Light Department's funds are deposited with the Town and are commingled and invested with deposits from other Town funds. Accordingly, it is not practical to disclose the related bank balance and credit risk of such cash deposits for the Light Department. Funds on deposit with financial institutions are subject to the insurance coverage limits imposed by the Federal Deposit Insurance Corporation (FDIC). The amount of insurance coverage for the Light Department deposits is not determinable because the limits of insurance are computed on a Town-wide basis.

NOTE 4 – FUNDS HELD AT MMWEC:

Purchased Power Working Capital

The purchased power working capital is an amount held by Massachusetts Municipal Wholesale Electric Company (MMWEC), our power supply agent. The implementation of the Working Capital Program began August 1, 1985. MMWEC Participants approved certain working capital amendments to the various power purchase agreements. MMWEC requires that the Department hold a set amount of capital from which it may pay the Department's power obligations when they are due. MMWEC replenishes the fund as needed from the Department's monthly invoice payments. The income earned allocated to the Department will be applied as a credit to MMWEC Power Sales Billing. The balance in the Fund as of December 31, 2021 and 2020 was \$30,827 and \$20,048, respectively. These funds are commingled and deposited in investment pools. The total amount of these investment pools as of December 31, 2021 and 2020 was \$20,313,510 and \$21,492,905, respectively, of which Princeton Municipal Light Department's ownership was approximately 0.15% and 0.09%, respectively.

Prepaid PASNY Fund

The Power Authority of the State of New York (PASNY) is a New York State public-benefit corporation. It is commonly referred to as New York Power Authority (NYPA). The electricity generated from the NYPA hydro-facilities in New York provides a reduced rate for electricity specifically for residential customers in New York and New England. This is another account maintained by MMWEC from which they may pay our power obligation for the delivery of power and other obligations associated with NYPA's hydro projects. The NYPA fund balance at December 31, 2021 and 2020 was \$10,068. These funds are commingled and deposited in investment pools. The total amount of these investment pools as of December 31, 2021 and 2020 was \$4,185,076 and \$4,349,339, respectively, of which Princeton Municipal Light Department's ownership was approximately 0.24% and 0.23%, respectively.

NOTE 5 – OTHER ACCOUNTS RECEIVABLE:

Other accounts receivable consist of the following:

	<u>2021</u>	<u>2020</u>
Jobbing	\$ 3,534	\$ 35,838
Other Energy Sales	18,859	15,673
Wind Renewable Energy Credits	<u>72,656</u>	<u>69,536</u>
Total	<u>\$ 95,049</u>	<u>\$ 121,047</u>

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 6 – PREPAID EXPENSES:

Prepaid expenses consist of the following:

	<u>2021</u>	<u>2020</u>
Prepaid Insurance Premium	\$ 16,028	\$ 19,510
Prepaid Purchased Power	<u>8,104</u>	<u>8,104</u>
Total	<u>\$ 24,132</u>	<u>\$ 27,614</u>

NOTE 7 – UTILITY PLANT ASSETS:

	Balance January 1, 2021	Increases	Decreases	Balance December 31, 2021
Capital Assets Not Being Depreciated:				
Land	\$ 74,835	\$ 0	\$ 0	\$ 74,835
Capital Assets Being Depreciated:				
Generation Plant	8,439,859	0	0	8,439,859
Distribution Plant	3,724,390	111,161	(37,928)	3,797,623
General Plant	<u>1,730,516</u>	<u>22,437</u>	<u>(32,943)</u>	<u>1,720,010</u>
Total Capital Assets Being Depreciated	<u>13,894,765</u>	<u>133,598</u>	<u>(70,871)</u>	<u>13,957,492</u>
Less Accumulated Depreciation for:				
Generation Plant	(2,624,670)	(213,657)	0	(2,838,327)
Distribution Plant	(1,216,485)	(127,945)	37,928	(1,306,502)
General Plant	<u>(1,437,394)</u>	<u>(35,503)</u>	<u>32,943</u>	<u>(1,439,954)</u>
Total Accumulated Depreciation	<u>(5,278,549)</u>	<u>(377,105)</u>	<u>70,871</u>	<u>(5,584,783)</u>
Capital Assets Being Depreciated, Net	<u>8,616,216</u>	<u>(243,507)</u>	<u>0</u>	<u>8,372,709</u>
Utility Plant Assets, Net	<u>\$ 8,691,051</u>	<u>\$ (243,507)</u>	<u>\$ 0</u>	<u>\$ 8,447,544</u>

Depreciation for the years ended December 31, 2021 and 2020 was \$377,105 and \$375,768, respectively. Depreciation expense reported on the Statements of Revenues, Expenses and Changes in Net Position is net of amortization of \$13,796 related to contribution in aid of construction for the years ended December, 31, 2021 and 2020.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 8 – NET INVESTMENT IN CAPITAL ASSETS:

	<u>2021</u>	<u>2020</u>
Cost of Capital Assets Acquired	\$ 14,032,327	\$ 13,969,600
Less: Accumulated Depreciation	(5,584,783)	(5,278,549)
Less: Outstanding Debt Related to Capital Assets	<u>(3,151,022)</u>	<u>(3,783,783)</u>
Net Investment in Capital Assets	<u>\$ 5,296,522</u>	<u>\$ 4,907,268</u>

NOTE 9 – RELATED PARTIES:

The Light Department bills the Town of Princeton for electric light usage. The amount included in revenue was \$145,854 and \$109,233 for December 31, 2021 and 2020, respectively. At December 31, 2021 and 2020 accounts receivable from these departments was \$402 and \$256, respectively.

The Light Department reimburses the town for various employee benefits and services, including health insurance and Worcester Regional Retirement. During the years ended December 31, 2021 and 2020, the total amounts paid for these services were \$296,089 and \$275,039, respectively. At December 31, 2021 and 2020, amounts payable to the town were \$0 and \$9,439, respectively.

NOTE 10 – PENSION PLAN:

Plan Description

The Light Department, through the Town of Princeton, is a member of the Worcester Regional Retirement System which, in turn, is a member of the Massachusetts Contributory Retirement System which is governed by M.G.L. c.32 of the Massachusetts General Laws. Membership in the plan is mandatory immediately upon the commencement of employment for all permanent, full-time employees. The plan is a cost-sharing multiple-employer contributory defined benefit plan for all county employees and employees of participating towns and districts except those employees who are covered by teachers' retirement board. The Plan's separately issued financial statements can be obtained by contacting Worcester Regional Retirement System at 23 Midstate Drive, Suite 106, Auburn, Massachusetts 01501.

Benefits Provided

The System provides retirement, disability and death benefits to plan members and beneficiaries. Massachusetts Contributory Retirement System benefits are uniform from system to system. The System provides for retirement allowance benefits up to a maximum of 80% of member's highest three-year average annual rate of regular compensation. For members who became members on or after April 2, 2012, average salary is the average annual rate of regular compensation received during the five consecutive years that produce the highest average, or, if greater, during the last five years. Benefit payments are based upon a member's age, length of creditable service, level of compensation, and group classification. There are three classes of membership in the retirement system: Group 1, Group 2, and Group 4. Group 1 consists of general employees which includes clerical and administrative positions. Group 2 consists of positions that have been specified as hazardous. Lastly, Group 4 consists of police officers, firefighters, and other hazardous positions.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
DECEMBER 31, 2021 AND 2020

NOTE 10 – PENSION PLAN (Continued):

Benefits Provided (continued)

Members become vested after ten years of creditable service. A superannuation retirement allowance may be received upon the completion of twenty years of service or upon reaching the age of 55 with ten years of service if hired after 1978 and if classified in group 1 or 2. A person who became a member on or after April 2, 2012 is eligible for a superannuation retirement allowance upon reaching the age of 60 with 10 years of service if in group 1, 55 years of age with 10 years of service if in group 2, and 55 years of age if classified in group 4 or hired prior to 1978. Normal retirement for most employees occurs at age 65 (for certain hazardous duty and public safety positions normal retirement is at age 55).

Members who become permanently and totally disabled for further duty may be eligible to receive a disability retirement allowance. The amount of benefits to be received in such cases is dependent upon several factors: including whether or not the disability is work related, the member's age, years of creditable service, level of compensation, veterans' status, and group classification.

Employees who resign from state service and who are not eligible to receive a retirement allowance or are under the age of 55 are entitled to request a refund of their accumulated total contributions. Survivor benefits are extended to eligible beneficiaries of members whose death occurs prior to or following retirement.

Cost-of-living adjustments granted between 1981 and 1997 and any increase in other benefits imposed by the Commonwealth's state law during those years are borne by the Commonwealth and are deposited into the pension fund. Cost-of-living adjustments granted after 1997 must be approved by the Board and are borne by the System.

Contributions

Active members are required to contribute at rates from 5-9% of their gross regular compensation. The percentage rate is keyed to the date upon which an employee's membership commences. Members hired after 1978 contribute an additional 2% of annual pay above \$30,000. The Department is required to pay into the System its share of the system-wide actuarial determined contribution that is apportioned among the member units based on the actuarial study. The actuarially determined Department contribution is an amount, when combined with employee contributions, is expected to finance the cost of benefits earned by the employees during the year, with an additional amount to finance the unfunded liability. The Department's required contributions to the System for the years ended December 31, 2021 and 2020 were \$150,240 and \$133,509, respectively, which were paid during calendar years 2020 and 2019, respectively.

Pension Liabilities

At December 31, 2021 and 2020, the Light Department reported a liability of \$1,984,171 and \$1,951,788, respectively, for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2020 and 2019, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of January 1, 2020 and 2018, respectively. The Town's proportion of the net pension liability was based on a projection of the Town's long-term share of contributions to the pension plan relative to the projected contributions of all participating member units. At the measured dates of December 31, 2020 and 2019, the Town's proportion was 0.61% and 0.60%, respectively. The Department's portion of the net pension liability was based on the percentage of the Department's contribution to the total Town's contribution as of the measured dates of December 31, 2020 and 2019. At the measured dates of December 31, 2020 and 2019, the Department's portion was 36.75% and 36.66%, respectively, of the Town's total contribution.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
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NOTE 10 – PENSION PLAN (Continued):

Pension Expense

For the years ended December 31, 2021 and 2020, the Department recognized a pension expense of \$218,801 and \$224,339, respectively. For the years ended December 31, 2021 and 2020, the Department reported deferred outflows of resources and deferred inflows of resources related to pensions from the sources listed in the chart below.

<u>Deferred Outflows of Resources Related to Pensions</u>	<u>2021</u>	<u>2020</u>
Differences between expected and actual experience	\$ 2,699	\$ 5,732
Changes of assumptions	122,833	109,090
Changes in proportion and differences between employer contributions and Department proportionate share	228,613	302,422
Department contributions subsequent to the measurement date	<u>180,467</u>	<u>150,240</u>
Total	<u>\$ 534,612</u>	<u>\$ 567,484</u>
<u>Deferred Inflows of Resources Related to Pensions</u>	<u>2021</u>	<u>2020</u>
Differences between expected and actual experience	\$ 51,497	\$ 11,694
Net difference between projected and actual earnings on pension plan investments	102,514	53,609
Changes in proportion and differences between employer contributions and Department proportionate share	<u>122,144</u>	<u>237,773</u>
Total	<u>\$ 276,155</u>	<u>\$ 303,076</u>

Of the total amount reported as deferred outflows of resources related to pensions, \$180,467 resulting from Department contributions paid subsequent to the measurement date and before the end of the fiscal year will be included as a reduction of the net pension liability in the year ended December 31, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pension will be recognized in the Department's pension expense as follows:

<u>Deferred Outflows of Resources</u>			<u>Deferred Inflows of Resources</u>		
Year Ended December 31:			Year Ended December 31:		
2022	\$	134,480	2022	\$	69,039
2023		121,271	2023		69,039
2024		55,053	2024		69,039
2025		<u>43,341</u>	2025		<u>69,038</u>
Total	\$	<u>354,145</u>		\$	<u>276,155</u>

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
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NOTE 10 – PENSION PLAN (Continued):

Actuarial Assumptions

The total pension liability as of December 31, 2021 was determined by an actuarial valuation as of January 1, 2020, using the following actuarial assumptions, applied to all periods included in the measurement:

Valuation Date	January 1, 2020
Actuarial Cost Method	Entry Age Normal
Amortization Method	<p><i>Unfunded Actuarial Accrued Liability (UAAL):</i> Increasing dollar amount at 4% to reduce the Unfunded Actuarial Accrued Liability to zero on or before June 30, 2036. The annual increase in appropriation is further limited to 9.95%.</p> <p><i>Early Retirement Incentive Programs (ERI) for 2002, 2003 and 2010:</i> Increasing dollar amount at 4% to reduce the 2002 and 2003 ERI Actuarial Accrued Liability to zero on or before June 30, 2028 and the 2010 ERI Actuarial Accrued Liability to zero on or before June 30, 2022.</p>
Remaining Amortization Period	15 years, except for ERI for 2002 and 2003 (7 years) and 2010 (1 year)
Asset Valuation Method	<p>The Actuarial Value of Assets is the market value of assets as of the valuation date reduced by the sum of:</p> <ol style="list-style-type: none"> <li>80% of gains and losses of the prior year,</li> <li>60% of gains and losses of the second prior year,</li> <li>40% of gains and losses of the third prior year and</li> <li>20% of gains and losses of the fourth prior year</li> </ol>
Inflation Rate	2.2% per year
Projected Salary Increases	<p>Group 1: 4.25-6.00%, based on service.</p> <p>Group 4: 4.75-7.00%, based on service.</p>
Cost of Living Allowance	Cost-of Living Allowances (COLA) are assumed to be 3% of the pension amount, capped at \$480 per year.
Mortality Rates:	
Healthy Retirees	RP-2014 Blue Collar Mortality Table with full generational mortality improvement using Scale MP-2018.
Disabled Retirees	RP-2014 Blue Collar Mortality Table set forward one year with full generational mortality improvement using Scale MP-2018.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
DECEMBER 31, 2021 AND 2020

NOTE 10 – PENSION PLAN (Continued):

Actuarial Assumptions (continued)

Investment Rate of Return	7.5%, net of pension plan investment expense, including inflation.
Annuity Savings Fund Interest Rate	2.00% per year

Investment Policy

The Plan's asset allocation policies are established by PRIT. Plan assets are managed on a total return basis with a long-term objective of achieving a fully funded status for the benefits provided through the Plan.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major category asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pensions plan's target asset allocation as of the measured date of December 31, 2020 are summarized in the table below.

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Rate of Return</u>
Global Equity	39%	4.38%
Core Fixed Income	15%	0.05%
Value-Added Fixed Income	8%	4.00%
Private Equity	13%	8.00%
Real Estate	10%	3.80%
Timberland	4%	4.40%
Portfolio Completion (PCS)	11%	3.00%
Total	100%	

Discount Rate

The discount rate used to measure the total pension liability was 7.5%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current contribution rates and that contributions from participating employers will be made in accordance with Sections 22D and 22F of Chapter 32 of Massachusetts General Laws. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.



PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
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NOTE 10 – PENSION PLAN (Continued):

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability calculated using the discount rate of 7.5%, as well as what the net pension liability would be if it were calculated using a discount rate 1-percentage point lower (6.5%) or 1-percentage point higher (8.5%) than the current rate:

	1% Decrease (6.5%)	Current Discount Rate (7.5%)	1% Increase (8.5%)
Proportionate share of the Net Pension Liability	\$ 2,444,360	\$ 1,984,171	\$ 1,595,615

Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the separately issued Worcester Regional Retirement System financial report.

NOTE 11 – RISK MANAGEMENT:

Self-Insurance Trust

Princeton Municipal Light Department participates in Massachusetts Municipal Self-Insurance Trust (the Trust) with 17 other municipalities for the purpose of sharing excess liability and officers' liability risks. General liability coverage provides for \$500,000 per occurrence, with a \$50,000 deductible that would be paid by the Department. Environmental insurance coverage provides for \$1,500,000 per occurrence, with a \$100,000 deductible that would be paid by both the Department and the Trust. Each participating municipality contributes to the Trust based on its share of the group's total kilowatt-hour sales. Payments for claims over the deductible limit are funded by trust assets or, if required, additional contributions from the participants.

Generally accepted accounting principles requires that liabilities for self-insured claims be reported if it is probable that a loss has been incurred and the amount can be reasonably estimated. These losses include an estimate of claims that have been incurred but not reported. At December 31, 2021 and 2020, the Light Department considers its pro rata share of these losses to be immaterial to its financial statements.

NOTE 12 – OTHER POSTEMPLOYMENT BENEFITS:

The Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*, provides an actuarial cost method and discount rate as well as disclosures and methodologies for reporting employer liabilities and OPEB expenses.

Plan Description

PMLD participates in the town sponsored single employer defined benefit health plan to provide certain health care and life insurance benefits for eligible retirees and their spouses. Chapter 32B of the MGL assigns authority to establish and amend benefit provisions of the plan.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 12 – OTHER POSTEMPLOYMENT BENEFITS (Continued):

Plan Membership

At January 1, 2020, OPEB plan membership consisted of the following:

Inactive plan members or beneficiaries currently receiving benefits	4
Active plan members	<u>7</u>
Total Number of Participants	<u><u>11</u></u>

Contributions

The Department's Actuarial Determined Contribution (ADC) is an amount actuarially determined in accordance with the parameters of GASB Statement No. 74/75 which represents a level of funding that, if paid on an ongoing basis, is projected to cover the service cost each year and amortize any unfunded actuarial liabilities (or funding excess). The contribution requirements of plan members and the Department are established and may be amended through Department ordinances. The required contribution is based on the projected pay-as-you-go financing requirements. For the years ending on, and the measurement date of, December 31, 2021 and 2020, total premiums plus implicit costs for the retiree medical program were \$17,703, and \$17,165, respectively.

OPEB Liabilities

At December 31, 2021 and 2020 the Department reported a liability of \$584,635 and \$553,938, respectively, for its net OPEB liability. The 2021 and 2020 net OPEB liability was measured as of December 31, 2021 and 2020, respectively, and was determined by an actuarial valuation as of January 1, 2020.

OPEB Expense

For the years ended December 31, 2021 and 2020, the Department recognized OPEB Expense of \$7,975 and \$21,625, respectively. At December 31, 2021 and 2020, the Department reported deferred outflows and deferred inflows of resources related to OPEB from the following sources:

<u>Deferred Outflows of Resources Related to OPEB</u>	<u>2021</u>	<u>2020</u>
Changes in assumptions	\$ <u>77,303</u>	\$ <u>103,064</u>
 <u>Deferred Inflows of Resources Related to OPEB</u>		
Differences between expected and actual experience	\$ <u>234,363</u>	\$ <u>300,549</u>

Amounts reported as deferred inflows of resources related to OPEB will be recognized in the Department's OPEB expense as follows:

<u>Deferred Inflows of Resources</u>			<u>Deferred Inflows of Resources</u>		
Year Ended December 31:			Year Ended December 31:		
2022	\$	25,761	2022	\$	66,185
2023		25,762	2023		58,395
2024		13,710	2024		58,395
2025		<u>12,070</u>	2025		<u>51,388</u>
Total	\$	<u>77,303</u>	Total	\$	<u>234,363</u>

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 12 – OTHER POSTEMPLOYMENT BENEFITS (Continued):

Actuarial Assumptions

The total net OPEB liability as of December 31, 2021 and 2020 was determined by an actuarial valuation as of January 1, 2020, using the following actuarial assumptions, applied to all periods included in the measurement:

Valuation Date	January 1, 2020
Actuarial Cost Method	Individual Entry Age Normal
Annual Salary Increases	3.00% per annum
Inflation Rate	2.50% per annum
Municipal Bond Rate	1.93% as of December 31, 2020 (source: S&P Municipal Bond 20-Year High Grade Index – SAPIHG)
Pre-Retirement Mortality	RP-2014 Mortality Table for Blue Collar Employees projected generationally with scale MP-2016 for males and females, set forward 1 year for females.
Post-Retirement Mortality	RP-2014 Mortality Table for Blue Collar Healthy Annuitants projected generationally with scale MP-2016 for males and females, set forward 1 year for females.
Disabled Mortality	RP-2014 Mortality Table for Blue Collar Healthy Annuitants projected generationally with scale MP-2016 for males and females, set forward 1 year.

Discount Rate

The discount rate used to measure the total OPEB liability was 2%. The projection of cash flows used to determine the discount rate assumed that contributions from the Town will be made in accordance with the Plan's funding policy. Based on those assumptions, the OPEB Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the net OPEB liability calculated using the discount rate of 2%, as well as what the net OPEB liability would be if it were calculated using a discount rate 1-percentage point lower (1%) or 1-percentage point higher (3%) than the current rate:

	1% Decrease 1%	Current Discount Rate 2%	1% Increase 3%
Net OPEB Liability	\$ 688,765	\$ 584,635	\$ 515,830

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
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NOTE 12 – OTHER POSTEMPLOYMENT BENEFITS (Continued):

Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the net OPEB liability calculated using current healthcare cost trend rate of 4.5%, as well as what the net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage point lower (3.5%) or 1-percentage point higher (5.5%) than the current healthcare cost trend rates:

	1% Decrease 3.5%	Current Healthcare Cost Trend Rates 4.5%	1% Increase 5.5%
Net OPEB Liability	\$ 493,678	\$ 584,635	\$ 701,553

NOTE 13 – LEASE OBLIGATIONS:

In October 2016, PMLD entered into a lease agreement of six years to lease a material handler/bucket truck. The lease runs through September 2022.

	2021	2020
Total Lease Obligations	\$ 20,829	\$ 47,747
Less: Current Maturities	(20,829)	(26,918)
Long-Term Lease Obligations	<u>\$ 0</u>	<u>\$ 20,829</u>

The approximate minimum future lease payments are as follows:

For the years ended December 31,	2022	\$ 21,141
Total Minimum Lease Payments		21,141
Less: Amount Representing Interest		<u>(312)</u>
Present Value of Net Minimum Payments		<u>\$ 20,829</u>

The interest expense related to leases was \$1,270 in 2021 and \$2,215 in 2020.

NOTE 14 – POOLED FINANCING LOAN:

As of March 20, 2015, PMLD entered into a Pooled Loan Program Agreement with the Massachusetts Municipal Wholesale Electric Company (“MMWEC”) for the purpose of financing the purchase of wind generation facilities from the Massachusetts Municipal Light Department Wind Energy Cooperative Corporation. Interest only was due monthly at a fixed interest rate of 1.75% per annum.

On March 21, 2017, the Department termed out its Pooled Loan Program Agreement with MMWEC. Principal and interest are payable monthly. The interest rate is fixed at 3.05% per annum and the loan matures March 2027. The outstanding principal balance as of December 31, 2021 and 2020 was \$3,130,193 and \$3,736,036, respectively. Interest expense related to this loan was \$123,006 and \$141,878 at December 31, 2021 and 2020, respectively.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
DECEMBER 31, 2021 AND 2020

NOTE 14 – POOLED FINANCING LOAN (Continued):

	<u>2021</u>	<u>2020</u>
Note Payable with Pooled Loan with MMWEC payable in monthly installments, including a fixed interest rate of 3.05%. Due March 2027.	\$ 3,130,193	\$ 3,736,036
Less: Current Maturities	<u>(605,844)</u>	<u>(605,844)</u>
Long-Term Notes Payable, Less Current Portion	<u>\$ 2,524,349</u>	<u>\$ 3,130,192</u>

Maturities of the note payable are shown as follows:

For the years ended December 31,	2022	\$ 605,844
	2023	605,844
	2024	605,844
	2025	605,844
	2026	605,844
	2027	<u>100,973</u>
	Total	<u>\$ 3,130,193</u>

At the inception of the loan, MMWEC was required to collect 10% of the initial borrowing amount to be deposited into a Reserve Requirement Account to serve as collateral for the bank. MMWEC is also required to collect 10% of the amount of interest due monthly from each Pooled Loan Participant to further fund the Reserve Requirement Account. These funds will either be returned to PMLD, or used as the final loan payments at the end of the amortization period. The balance in the Reserve Requirement Account as of December 31, 2021 and 2020 was \$584,029 and \$646,960, respectively.

NOTE 15 – COMMITMENTS AND CONTINGENCIES:

Purchase Power Commitment

The Department has agreements with the Massachusetts Municipal Wholesale Electric Company (“MMWEC”) for participation in the interconnection between New England utilities and the Hydro-Quebec electric system near Sherbrooke, Quebec, (Phase 1). The Department is also a direct participant in Phase II of the Hydro-Quebec interconnection. Participation in the arrangement provides for preferential exchanges and purchases of energy over the lines.

MMWEC was created as a political subdivision of the Commonwealth of Massachusetts to develop and coordinate power supply planning and assistance for its member municipal light departments.

Princeton Municipal Light Department has entered into contractual agreements with NextEra Energy to secure energy at fixed prices. The totals shown on the following page reflects the sum of the contractual obligations for the contract.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE FINANCIAL STATEMENTS  
DECEMBER 31, 2021 AND 2020

NOTE 15 – COMMITMENTS AND CONTINGENCIES (Continued):

The estimated contractual entitlements are as follows (Based upon 16,000 MWH's Purchased):

For the years ended December 31,	2022	\$	950,720
	2023		964,800
	2024		979,200
	2025		993,760
	2026		1,008,640
	2027		<u>1,023,520</u>
	Total	\$	<u>5,920,640</u>

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
REQUIRED SUPPLEMENTARY INFORMATION  
NET PENSION LIABILITY

For the Year Ending December 31,	2021	2020	2019	2018	2017	2016	2015
Actuarial Valuation Date	1/1/2020	1/1/2018	1/1/2018	1/1/2016	1/1/2016	1/1/2014	1/1/2014
Measurement Date	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015	12/31/2014

**Schedule of the Department's Proportionate Share  
of the Net Pension Liability (NPL):**

Department's Portion of the NPL	0.2233%	0.2193%	0.2275%	0.2232%	0.1879%	0.1807%	0.2356%
Department's Proportionate Share of the NPL	\$ 1,984,171	\$ 1,951,788	\$ 2,062,729	\$ 1,819,892	\$ 1,573,906	1,282,578	1,401,952
Department's Total Employee Payroll	\$ 694,838	\$ 667,702	\$ 702,823	\$ 656,061	\$ 616,279	548,260	551,872
NPL as a Percentage of Total Employee Payroll	285.56%	292.31%	293.49%	277.40%	255.39%	233.94%	254.04%
Plan's Fiduciary Net Position as a Percentage of the Total Pension Liability	50.30%	47.40%	43.05%	46.40%	42.00%	44.52%	47.94%

**Schedule of Contributions:**

Actuarially Determined Contributions	\$ 150,240	\$ 133,509	\$ 126,650	\$ 112,929	\$ 91,276	\$ 81,287	\$ 93,105
Contributions in Relation to the Actuarially Determined Contribution	150,240	133,509	126,650	112,929	91,276	81,287	93,105
Contribution Deficiency (Excess)	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
Department's Total Employee Payroll	\$ 694,838	\$ 667,702	\$ 702,823	\$ 656,061	\$ 616,279	548,260	551,872
Contributions as a Percentage of the Department's Total Employee Payroll	21.62%	20.00%	18.02%	17.21%	14.81%	14.83%	16.87%

Note: This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10 year trend is compiled, pension plans should present information for those years for which information is available.

See Independent Auditors' Report

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULES OF CHANGES IN THE NET OPEB LIABILITY

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
<b>Total OPEB Liability:</b>				
Service Cost	\$ 36,762	\$ 36,071	\$ 29,796	\$ 24,495
Interest	11,638	25,979	26,014	25,972
Differences between Expected and Actual Experience	0	(343,363)	0	(38,954)
Changes of Assumptions	0	80,620	60,256	0
Benefit Payments	(17,703)	(17,165)	(16,231)	(15,127)
Net Change in Total OPEB Liability	<u>30,697</u>	<u>(217,858)</u>	<u>99,835</u>	<u>(3,614)</u>
 Total OPEB Liability - Beginning	 <u>553,938</u>	 <u>771,796</u>	 <u>671,961</u>	 <u>675,575</u>
Total OPEB Liability - Ending	<u><u>\$ 584,635</u></u>	<u><u>\$ 553,938</u></u>	<u><u>\$ 771,796</u></u>	<u><u>\$ 671,961</u></u>
 <b>Plan Fiduciary Net Position:</b>				
Contributions-Employer	\$ 17,703	\$ 17,165	\$ 16,231	\$ 15,127
Benefit Payments	(17,703)	(17,165)	(16,231)	(15,127)
Net Change in Plan Fiduciary Net Position	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
 Plan Fiduciary Net Position - Beginning	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>
Plan Fiduciary Net Position - Ending	<u><u>\$ 0</u></u>	<u><u>\$ 0</u></u>	<u><u>\$ 0</u></u>	<u><u>\$ 0</u></u>
 <b>Net OPEB Liability - Ending</b>	 <u><u>\$ 584,635</u></u>	 <u><u>\$ 553,938</u></u>	 <u><u>\$ 771,796</u></u>	 <u><u>\$ 671,961</u></u>

Note: This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10 year trend is compiled, OPEB plans should present information for those years for which information is available.

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PRINCETON MUNICIPAL LIGHT DEPARTMENT  
REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULES OF NET OPEB LIABILITY, EMPLOYER CONTRIBUTIONS AND INVESTMENT RETURNS

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
<b>Schedules of Net OPEB Liability:</b>				
Total OPEB Liability	\$ 584,635	\$ 553,938	\$ 771,796	\$ 671,961
Plan Fiduciary Net Position	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Net OPEB Liability	<u>\$ 584,635</u>	<u>\$ 553,938</u>	<u>\$ 771,796</u>	<u>\$ 671,961</u>
Plan Fiduciary Net Position as a percentage of the Total OPEB Liability	0.00%	0.00%	0.00%	0.00%
Covered Payroll	\$ 617,870	\$ 599,874	\$ 487,403	\$ 473,207
Net OPEB Liability as a Percentage of Covered Payroll	94.62%	92.34%	158.35%	142.00%
<b>Schedules of Employer Contributions:</b>				
Actuarially Determined Contributions	\$ 53,619	\$ 52,043	\$ 69,176	\$ 60,821
Contributions in relation to the actuarially determined contribution	<u>17,703</u>	<u>17,165</u>	<u>16,231</u>	<u>15,127</u>
Contribution Deficiency (Excess)	<u>\$ 35,916</u>	<u>\$ 34,878</u>	<u>\$ 52,945</u>	<u>\$ 45,694</u>
Covered Payroll	\$ 617,870	\$ 599,874	\$ 487,403	\$ 473,207
Contributions as a percentage of covered payroll	2.87%	2.86%	3.33%	3.20%
<b>Schedules of Investment Returns:</b>				
Annual Money-Weighted rate of Return, net of investment expenses	N/A	N/A	N/A	N/A

Note: This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10 year trend is compiled, OPEB plans should present information for those years for which information is available.

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PRINCETON MUNICIPAL LIGHT DEPARTMENT  
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION  
OPERATING FUND

NOTE A – NET PENSION LIABILITY:

Changes in Assumptions

The discount rate was decreased from 7.65% as of the measured date December 31, 2019 to 7.5% as of the measured date December 31, 2020.

PRINCETON MUNICIPAL LIGHT DEPARTMENT  
SCHEDULES OF ELECTRIC OPERATING AND MAINTENANCE EXPENSES  
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020

	2021	2020
POWER SUPPLY EXPENSE:		
Purchased Power	\$ 1,659,161	\$ 1,658,447
Transmission by Others	99,253	138,299
	<u>1,758,414</u>	<u>1,796,746</u>
TOTAL POWER SUPPLY EXPENSE		
	<u>1,758,414</u>	<u>1,796,746</u>
DISTRIBUTION EXPENSES:		
Operation Labor	120,664	156,510
Operation Supplies and Expenses	32,278	46,371
Maintenance of Overhead Lines	58,938	211,310
Maintenance of Structures/Equipment	0	2,385
Maintenance of Line Transformers	51,986	0
Maintenance of Meters	1,046	556
Maintenance of Street Lights	2,578	1,385
	<u>267,490</u>	<u>418,517</u>
TOTAL DISTRIBUTION EXPENSES		
	<u>267,490</u>	<u>418,517</u>
CUSTOMER ACCOUNT EXPENSES:		
Meter Reading	6,356	5,075
Accounting and Collection Expense	155,580	142,076
Bad Debt Expense	900	3,013
Energy Audits	54,828	32,349
	<u>217,664</u>	<u>182,513</u>
TOTAL CUSTOMER ACCOUNT EXPENSES		
	<u>217,664</u>	<u>182,513</u>
ADMINISTRATIVE AND GENERAL EXPENSES:		
Administration and General Salaries	209,889	201,134
Office Supplies and Expenses	35,051	32,788
Outside Services Employed	27,912	52,468
Property Insurance	59,325	38,600
Injuries and Damages	59,973	63,160
Employee Benefits	345,970	359,087
Miscellaneous General Expense	2,747	1,018
Maintenance of General Plant	85,603	74,233
	<u>826,470</u>	<u>822,488</u>
TOTAL ADMINISTRATIVE AND GENERAL EXPENSES		
	<u>826,470</u>	<u>822,488</u>
TOTAL OPERATING AND MAINTENANCE EXPENSES	<u>\$ 3,070,038</u>	<u>\$ 3,220,264</u>

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PRINCETON MUNICIPAL LIGHT DEPARTMENT  
SCHEDULES OF SALES OF ELECTRICITY  
FOR THE YEARS ENDED DECEMBER 31, 2021 AND 2020

	Net Revenues			Kilowatt Hours Sold			Net Revenue Per Kilowatt Hours Sold	
	2021	2020	Increases (Decreases)	2021	2020	Increases (Decreases)	2021	2020
Sales of Electricity								
Residential Sales, Net of Discounts of \$126,140 and \$123,446 in 2021 and 2020, Respectively	\$ 3,186,820	\$ 3,193,449	\$ (6,629)	12,647,533	12,686,284	(38,751)	\$ 0.25197	\$ 0.25172
Commercial and Industrial Sales	430,275	414,170	16,105	1,672,764	1,609,333	63,431	0.25722	0.25736
Special Street Lighting	11,468	12,110	(642)	51,138	51,138	0	0.22426	0.23681
Total Private Customers	3,628,563	3,619,729	8,834	14,371,435	14,346,755	24,680	0.25248	0.25230
Municipal Sales								
Street Lighting	3,344	1,548	1,796	26,004	11,596	14,408	0.12860	0.13349
Municipal Buildings	142,510	107,685	34,825	556,250	417,851	138,399	0.25620	0.25771
Total Municipal Sales	145,854	109,233	36,621	582,254	429,447	152,807	0.25050	0.25436
Sales for Resale	233,141	167,692	65,449	4,180,200	4,133,029	47,171	0.05577	0.04057
Total Sales of Electricity	<u>\$ 4,007,558</u>	<u>\$ 3,896,654</u>	<u>\$ 110,904</u>	<u>19,133,889</u>	<u>18,909,231</u>	<u>224,658</u>	<u>\$ 0.20945</u>	<u>\$ 0.20607</u>

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