



The Commonwealth of Massachusetts

**RETURN
OF THE
MANSFIELD MUNICIPAL ELECTRIC
DEPARTMENT
TOWN OF MANSFIELD**

**TO THE
DEPARTMENT OF
PUBLIC UTILITIES
OF MASSACHUSETTS**

For the Calander Year Ended December 31,

2022

Name of Officer to whom correspondence should
be addressed regarding this report :

Official Title: General Manager

Joseph Sollecito
Office Address: **125 High Street
Mansfield, MA 02048**

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GENERAL INFORMATION		Page 3
1. Name of town (or city) making this report.	Mansfield	
2. If the town (or city) has acquired a plant,		
Kind of plant, whether gas or electric.	Electric	
Owner from whom purchased, if so acquired.		
Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws.	June 25, 1903	
Record of votes: First Vote - 4 Yes 1 No		
Date when town (or city) began to sell electricity, 1903		
3. Name and address of manager of municipal lighting:		
Joseph Sollecito	317 Crane Ave South	Taunton, MA 02780
4. Name and address of mayor or selectmen		
Diana Bren	66 Samoset Ave	Mansfield, MA 02048
Jess Aptowitz	30 Fieldstone Drive	Mansfield, MA 02048
Neil Rhein	11 Old North Trail	Mansfield, MA 02048
Michael A. Trowbridge	4 Suzanne Lane	Mansfield, MA 02048
Frank Delvecchio	38 Old North Trail	Mansfield, MA 02048
5. Name and address of town (or city) treasurer:		
John Ellard	7 Magnolia Dr	Rockland, MA 02370
6. Name and address of town (or city) clerk:		
Marianne Staples	147 South Main St Unit 204	Mansfield, MA 02048
7. Names and addresses of members of municipal light board:		
Same as Selectmen		
8. Total valuation of estates in town (or city) according to last state valuation (taxable)	\$4,861,106,600	
9. Tax rate for all purposes during the year:	Residential	\$14.09
	Commercial, Industrial and Personal Property	\$18.52
10. Amount of manager's salary:	Joseph Sollecito - General Manager	\$184,968
11. Amount of manager's bond:		\$0
12. Amount of salary paid to members of municipal light board (each)		\$0

**FURNISH SCHEDULE OF ESTIMATES REQUIRED BY GENERAL LAWS, CHAPTER 164, SECTION 57 FOR GAS
AND ELECTRIC LIGHT PLANTS FOR THE FISCAL YEAR ENDING DECEMBER 31, NEXT**

INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS.....	
2	FROM SALE OF ELECTRICITY	31,596,782
3	FROM RATE STABILIZATION FUND.....	0
4	TOTAL	31,596,782
5	Expenses:	
6	For operation, maintenance and repairs.....	29,298,705
7	For interest on bonds, notes or scrip.....	
8	For depreciation fund	1,507,716
9	For sinking fund requirements.....	
10	For note payments.....	
11	For bond payments.....	
12	For loss in preceding year.....	
13	TOTAL	30,806,421
14		
15	Cost:	
16	Of gas to be used for municipal buildings.....	
17	Of gas to be used for street lights.....	
18	Of electricity to be used for municipal buildings.....	1,133,605
19	Of electricity to be used for street lights.....	92,890
20	Total of the above items to be included in the tax levy.....	1,226,496
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	1,226,496

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers' Meters, December 31.	City or Town	Number of Customers' Meters, December 31.
	NONE	Mansfield	10,545
		TOTAL	10,545

APPROPRIATIONS SINCE BEGINNING OF YEAR

(Include also all items charged direct to tax levy, even where no appropriation is made or required.)

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	19	, to be paid from {	\$	_____
* At	meeting	19	, to be paid from {	\$	_____

* At	meeting	19	, to be paid from {	\$
------	---------	----	---------------------	----

FOR THE ESTIMATED COST OF THE GAS OR ELECTRICITY TO BE USED BY THE CITY OR TOWN FOR:

1. Street Lights.....	\$	92,890
-----------------------	----	--------

1. Street Lights.....	1,133,605
2. Municipal Buildings.....	1,133,605

\$ 1,226,496

*Date of meeting and whether regular or special	{ Here insert bonds, notes or tax levy
---	--

CHANGES IN THE PROPERTY

1. Describe briefly all the important physical changes in the property during the last fiscal period including additions, alterations or improvements to the works or physical property retired.

In electric property: NONE

In gas property:

Annual Report of the Town of Mansfield				10
Year Ended December 31, 2022				
COMPARATIVE BALANCE SHEET Assets and Other Debits				
Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant -Electric.....	26,072,911	28,316,277	2,243,366
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....			
5	Total Utility Plant.....	26,072,911	28,316,277	2,243,366
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....			
13	126 Depreciation Fund (P. 14).....	3,582,661	1,620,061	(1,962,600)
14	128 Other Special Funds.....	2,596,905	2,199,882	(397,022)
15	Total Funds.....	6,179,566	3,819,943	(2,359,623)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	14,719,367	10,232,906	(4,486,461)
18	132 Special Deposits.....	1,325,815	1,475,153	149,338
19	132 Working Funds.....			0
20	141 Notes and Receivables.....			
21	142 Customer Accounts Receivable.....	1,592,128	4,269,607	2,677,479
22	143 Other Accounts Receivable.....	145	0	(145)
23	146 Receivables from Municipality.....			
24	151 Materials and Supplies (P. 14).....	697,795	1,016,007	318,213
25				
26	165 Prepayments.....	3,145,033	6,299,214	3,154,180
27	174 Miscellaneous Current Assets	12,637	12,637	0
28	Total Current and Accrued Assets...	21,492,920	23,305,524	1,812,604
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....			
31	182 Extraordinary Property Debits.....			
32	185 Other Deferred Debits.....			
33	Total Deferred Debits.....			
34				
35	Total Assets and Other Debits.....	53,745,397	55,441,744	1,696,347

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction.....			
3	SURPLUS			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....			
6	207 Appropriations for Construction Repayment..	0	0	0
7	208 Unappropriated Earned Surplus (P. 12).....	49,569,899	50,568,941	999,042
8	Total Surplus.....	49,569,899	50,568,941	999,042
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....			
11	231 Notes Payable (P. 7).....			
12	Total Bonds and Notes.....			
13	CURRENT AND ACCRUED LIABILITIES			
14	232 Accounts Payable.....	2,182,953	2,666,778	483,825
15	234 Payables to Municipality.....			0
16	235 Customer Deposits.....	1,353,137	1,473,175	120,038
17	236 Taxes Accrued.....	167,501	168,120	618
18	237 Interest Accrued.....			0
19	242 Miscellaneous Current and Accrued Liabilities	49,349	76,343	26,994
20	Total Current and Accrued Liabilities...	3,752,940	4,384,416	631,475
21	DEFERRED CREDITS			
22	251 Unamortized Premium on Debt.....			
23	252 Customer Advance for Construction.....			
24	253 Other Deferred Credits.....			
25	Total Deferred Credits			
26	RESERVES			
27	260 Reserves for Uncollectable Accounts.....	422,558	488,387	65,829
28	261 Property Insurance Reserve.....			0
29	262 Injuries and Damages Reserves.....			0
30	263 Pensions and Benefits.....			0
31	265 Miscellaneous Operating Reserves.....			0
32	Total Reserves.....	422,558	488,387	65,829
33	CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271 Contributions in Aid of Construction.....			
35	Total Liabilities and Other Credits	53,745,397	55,441,743	1,696,346

State below if any earnings of the Municipal Lighting Plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

Annual Report of the Town of Mansfield			0	12
STATEMENT OF INCOME FOR THE YEAR				
Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year	
1	OPERATING INCOME			
2	400 Operating Revenue (P. 37 and P. 43)	32,486,263	8,053,806	
3	Operating Expenses:			
4	401 Operation Expense (P.42).....	27,716,243	7,499,821	
5	402 Maintenance Expense (P. 42).....	1,582,462	(79,561)	
6	403 Depreciation Expense	1,507,716	185,592	
7	407 Amortization of Property Losses.....			
8				
9	408 Taxes (P. 48).....			
10	Total Operating Expenses	30,806,421	7,605,853	
11	Operating Income.....	1,679,842	447,953	
12	414 Other Utility Operating Income (P.50).....			
13				
14	Total Operating Income	1,679,842	447,953	
15	OTHER INCOME			
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	191,463	183,699	
17	419 Interest Income.....	67,523	60,277	
18	421 Miscellaneous Income.....	208,206	87,730	
19	Total Other Income	467,192	331,707	
20	Total Income	2,147,034	779,659	
21	MISCELLANEOUS INCOME DEDUCTIONS			
22	425 Miscellaneous Amortization.....			
23	426 Other Income Deductions.....	178,688	(49,829)	
24	Total Income Deductions	178,688	(49,829)	
25	Income before Interest Charges	1,968,346	829,486	
26	INTEREST CHARGES			
27	427 Interest on Bonds and Notes.....			
28	428 Amortization of Debt Discount and Expense.....			
29	429 Amortization of Premium on Debt.....			
30	431 Other Interest Expense.....	13,311	(957)	
31	432 Interest Charged to Construction-Credit.....			
32	Total Interest Charges	13,311	(957)	
33	Net Income	1,955,035	830,443	
EARNED SURPLUS				
Line No.	(a)	Debits (b)	Credits (c)	
34	Unappropriated Earned Surplus (at beginning of Period).....		49,569,899	
35				
36				
37	433 Balance transferred from Income.....		1,955,035	
38	434 Miscellaneous Credits to Surplus.....		11	
39	435 Miscellaneous Debits to Surplus.....	175,043		
40	436 Appropriations of Surplus (P.21).....	780,960		
41	437 Surplus Applied to Depreciation.....	0		
42	208 Unappropriated Earned Surplus (at end of period).....	50,568,941		
43				
44	TOTALS	51,524,945	51,524,945	

Annual Report of Mansfield Municipal Electric Department		Year Ended December 31 2022		14
CASH BALANCES AT END OF YEAR (Account 131)				
Line No.	Items (a)	Amount (b)		
1	Operation Fund.....	10,232,497		
2	Interest Fund.....			
3	Bond Fund.....			
4	Construction Fund.....			
5	Petty Cash Fund	409		
6	Other Post Employment Benefits Fund			
7				
8				
9				
10				
11				
12	TOTAL	10,232,906		
MATERIALS AND SUPPLIES (Account 151-159, 163)				
Summary per Balance Sheet				
Line No.	Account (a)	Amount End of Year		
		Electric (b)	Gas (c)	
13	Fuel (Account 151) (See Schedule, Page 25).....			
14	Fuel Stock Expenses (Account 152).....			
15	Residuals (Account 153).....			
16	Plant Materials and Operating Supplies (Account 154).....	1,016,175		
17	Merchandise (Account 155).....			
18	Other Materials and Supplies (Account 156).....			
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)			
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)			
21	Nuclear Byproduct Materials (Account 159).....			
22	Stores Expense (Account 163).....	(168)		
23	Total per Balance Sheet	1,016,007		
Depreciation Fund Account (Account 126)				
Line No.	(a)		Amount (b)	
24	DEBITS			
25	Balance of Account at Beginning of Year.....		3,582,661	
26	Income During Year from Balance on Deposit.....		(16,878)	
27	Amount Transferred from Income.....		(26,724)	
28	TOTAL		3,539,059	
29				
30	CREDITS			
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)		1,918,998	
32	Amounts Expended for Renewals.....			
33	Adjustment		0	
34				
35				
36				
37				
38				
39	Balance on Hand at End of Year.....		1,620,061	
40	TOTAL		1,620,061	

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UTILITY PLANT - ELECTRIC (continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights.....	313,205	0				313,205
3	361 Structures and Improvements.....	51,911	0	4,798			47,113
4	362 Station Equipment.....	5,725,658	10,450	295,425			5,440,683
5	363 Unallocated Capital Labor	2,072,904	0	345,472			1,727,435
6	364 Poles and Fixtures.....	545,126	131,175	19,760			656,541
7	365 Overhead Conductors and Devices...	3,702,771	301,772	269,134	417		3,734,992
8	366 Underground Conduits.....	2,454,548	19,526	111,588	138		2,362,348
9	367 Underground Conductors and Devices	3,146,566	903,006	160,211			3,889,361
10	368 Line Transformers.....	369,932	102,294	12,509	0		459,716
11	369 Services.....	66,406	14,850	3,979			77,277
12	370 Meters.....	1,151,847	175,708	42,273			1,285,282
13	371 Installation on Cust's Premises....	0	0	0			0
14	372 Leased Prop. on Cust's Premises....	26,407	15,816	825	0		41,398
15	373 Street Light and Signal Systems....	869,392	102,155	29,920	0		941,627
16	Total Distribution Plant	20,011,492	1,776,752	1,295,894	555	0	20,976,978
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....	0					0
19	390 Structures and Improvements.....	883,209	1,547,024	51,890			2,378,343
20	391 Office Furniture and Equipment.....	31,039	2,808	972			32,875
21	392 Transportation Equipment.....	1,698,325	306,793	51,018			1,954,099
22	393 Stores Equipment.....	25,982	0	3,201			22,781
23	394 Tools, Shop and Garage Equipment...	117,500	74,189	5,345	0		186,344
24	395 Laboratory Equipment.....	22,980	39,825	1,527			61,278
25	396 Power Operated Equipment.....	0	0	0			0
26	397 Communication Equipment.....	106,367	1,196	3,239	0		104,324
27	398 Miscellaneous Equipment.....	2,648,342	3,050	93,014			2,558,378
28	399 Other Tangible Property.....	42,495	0	1,617			40,878
29	Total General Plant	5,175,848	1,974,885	211,824	0	0	7,339,299
30	Total Electric Plant in Service	25,187,340	3,751,637	1,507,719	555	0	28,316,277
31	104 Utility Plant leased to Others.....						
32	105 Property Held for Future Use.....						
33	107 Construction Work in Progress.....	0		0		0	0
34	108 Accumulated Depreciation						
	Total Utility Electric Plant	25,187,340	3,751,637	1,507,719	555	0	28,316,277

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PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.

2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.

3. Each kind of coal or oil should be shown separately.

4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			Cost (f)
			Quantity (c)	Cost (d)	Quantity (e)	
1	On Hand Beginning of year	0.00				
2	Received During Year	0.00				
3	TOTAL	0.00				
4	Used During Year (Note A)	0.00				
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0.00				
13	BALANCE END OF YEAR	0.00				
			Kinds of Fuel and Oil -- Continued			
Line No.	Item (g)		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						

21		
###		
MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Misc. Non-operating Revenue	208,206
2		
3		
4		
5		
6	TOTAL	208,206
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Donations	178,688
8		
9		
10		
11		
12		
13		
14	TOTAL	178,688
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	Credit from MMWEC	11
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	11
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	Retirement of Plant Equipment	175,042
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	175,042
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Town of Mansfield - Payment in Lieu of Taxes	780,960
34		
35		
36		
37		
38		
39		
40	TOTAL	780,960

Annual Report of the Town of Mansfield					Year Ended December 31, 2022		22
MUNICIPAL REVENUES (Accounts 482,444) (K.W.H. Sold under the Provision of Chapter 269, Acts of 1927)							
Line No.	Acct No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue per M.C.F. [\$0.0000] (d)		
1							
2							
3							
4		TOTALS					
Line No.		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [\$0.0000] (d)		
5							
6	444	Municipal	9,478,687	1,228,796	0.1296		
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19		TOTALS	9,478,687	1,228,796	0.1296		
PURCHASED POWER (Account 555)							
Line No.	Names of Utilities from which Electric Energy is Purchased (a)		Where and at What Voltage Received (b)	K.W.H. (c)	Amount (d)	Cost per K.W.H. cents [0.0000] (e)	
20							
21							
22							
23							
24							
25							
26							
27							
28							
29			TOTALS				
SALES FOR RESALE (Account 447)							
Line No.	Names of Utilities to which Electric Energy is Sold (a)		Where and at What Voltage Received (b)	K.W.H. (c)	Amount (c)	Revenues per K.W.H. [cents] [0.0000] (e)	
30							
31							
32							
33							
34							
35							
36							
37							
38			TOTALS				
39							

Annual Report of the Town of Mansfield					Year Ended December 31, 2022		38	
SALES OF ELECTRICITY TO ULTIMATE CONSUMERS								
Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales and unbilled sales may be reported separately in total.								
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered)		
						July 31 (e)	December 31 (f)	
1	440	Residential	84,147,618	12,396,784	0.1473	9,387	9,381	
2								
3								
4								
5	442	Commercial	10,757,382	1,859,054	0.1728	781	782	
6		Industrial	124,440,380	17,340,944	0.1394	264	269	
7								
8								
9								
10	444	Municipal	9,478,687	1,228,796	0.1296	113	113	
12								
13								
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16								
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40								
41								
42								
43								
44								
45								
46								
47								
48	TOTAL SALES TO UTIMATE CONSUMERS							
49	(Page 37 Line 11)		228,824,067	32,825,577	0.1435	10,545	10,545	

###			40
ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - CONTINUED		
2	Maintenance:		
3	541 Maintenance Supervision and Engineering.....		
4	542 Maintenance of Structures.....		
5	543 Maintenance of Reservoirs, Dams and Waterways.....		
6	544 Maintenance of Electric Plant.....		
7	545 Maintenance of Miscellaneous Hydraulic Plant.....		
8	Total Maintenance		
9	Total Power Production Expenses - Hydraulic Power		
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering.....		
13	547 Fuel.....		
14	548 Operation Expenses.....		
15	549 Miscellaneous Other Power Generation Expenses.....		
16	550 Rents.....		
17	Total Operation		
18	Maintenance:		
19	551 Maintenance Supervision and Engineering.....		
20	552 Maintenance of Structure.....		
21	553 Maintenance of Generating and Electric Plant.....		
22	554 Maintenance of Miscellaneous Other Power Generation Plant		
23	Total Maintenance		
24	Total Power Production Expenses - Other Power		
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	18,937,607	6,323,492
27	556 System Control and Load Dispatching.....		
28	557 Other Expenses.....		
29	Total Other Power Supply Expenses	18,937,607	6,323,492
30	Total Power Production Expenses	18,937,607	6,323,492
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering.....		
34	561 Load Dispatching.....		
35	562 Station Expenses.....		
36	563 Overhead Line Expenses.....		
37	564 Underground Line Expenses.....		
38	565 Transmission of Electricity by Others.....	5,521,580	973,372
39	566 Miscellaneous Transmission Expenses.....		
40	567 Rents.....		
41	Total Operation	5,521,580	973,372
42	Maintenance:		
43	568 Maintenance Supervision and Engineering.....		
44	569 Maintenance of Structures.....		
45	570 Maintenance of Station Equipment.....		
46	571 Maintenance of Overhead Lines.....		
47	572 Maintenance of Underground Lines.....		
48	573 Maintenance of Miscellaneous Transmission Plant.....		
49	Total Maintenance		
50	Total Transmission Expenses	5,521,580	973,372

####

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - CONTINUED

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation Supervision and Engineering.....	340,554	85,688
4	581 Load Dispatching.....	184,428	(5,140)
5	582 Station Expenses.....	510,115	96,801
6	583 Overhead Line Expenses.....	18,724	154
7	584 Underground Line Expenses.....	487	122
8	585 Street Lighting and Signal System Expenses.....	70,996	32,279
9	586 Meter Expenses.....	39,643	10,950
10	587 Customer Installations Expenses.....	0	0
11	588 Miscellaneous Distribution Expenses.....	0	0
12	589 Rents.....	0	0
13	Total Operation	1,164,947	220,854
14	Maintenance:		
15	590 Maintenance Supervision and Engineering.....	0	0
16	591 Maintenance of Structures.....	154,543	16,069
17	592 Maintenance of Station Equipment.....	2,615	244
18	593 Maintenance of Overhead Lines.....	1,290,112	(62,798)
19	594 Maintenance of Underground Lines.....	9,626	(6,237)
20	595 Maintenance of Line Transformers.....	0	(357)
21	596 Maintenance of Street Lighting and Signal Systems....	4,888	(4,638)
22	597 Maintenance of Meters.....	0	0
23	598 Maintenance of Miscellaneous Distribution Plant.....	0	(106)
24	Total Maintenance	1,461,786	(57,824)
25	Total Distribution Expenses	2,626,732	163,030
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....	0	0
29	902 Meter Reading Expenses.....	152,502	(70,839)
30	903 Customer Records and Collection Expenses.....	782,552	22,283
31	904 Uncollectable Accounts.....	80,000	0
32	905 Miscellaneous Customer Accounts Expenses.....	32,628	8,081
33	Total Customer Accounts Expenses	1,047,682	(40,475)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....	0	0
37	912 Demonstrating and Selling Expenses.....	0	0
38	913 Advertising Expenses.....	0	0
39	916 Miscellaneous Sales Expense.....	0	0
40	Total Sales Expenses	0	0
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	448,758	45,722
44	921 Office Supplies and Expenses.....	212,192	(11,588)
45	922 Administrative Expenses Transferred - Cr.....	0	0
46	923 Outside Services Employed.....	133,085	11,979
47	924 Property Insurance.....	0	(8,405)
48	925 Injuries and Damages.....	51,787	5,959
49	926 Employees Pensions and Benefits.....	1,975	3,920
50	928 Regulatory Commission Expenses.....	0	0
51	929 Duplicate Charges - Cr.....	0	0
52	930 Miscellaneous General Expenses.....	183,030	(21,009)
53	931 Rents.....	13,600	(4,000)
54	Total Operation	1,044,427	22,578

42

####

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE EXPENSES		
2	Maintenance:		
3	932 Maintenance of General Plant.....		
4	933 Transportation expense.....	120,677	(21,737)
5	Total Maintenance	120,677	(21,737)
6	Total Administrative and General Expenses	1,165,104	841
7	Total Electric Operation and Maintenance Expenses	29,298,705	7,420,260

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	OPERATION (b)	MAINTENANCE (c)	TOTAL (d)
8	Power Production Expenses			
9	Electric Generation			
10	Steam Power.....			
11	Nuclear Power.....			
12	Hydraulic Power.....			
13	Other Power.....			
14	Other Power Supply Expenses.....	18,937,607		18,937,607
15	Total Power Production Expenses	18,937,607		18,937,607
16	Transmission Expenses.....	5,521,580		5,521,580
17	Distribution Expenses.....	1,164,947	1,461,786	2,626,732
18	Customer Accounts Expenses.....	1,047,682		1,047,682
19	Sales Expenses.....			
20	Administrative and General Expenses.....	1,044,427	120,677	1,165,104
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	27,716,243	1,582,462	29,298,705

23 Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%)

94.83%

Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407).....

24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.....

2,596,955

25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)

21

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INCOME FROM MERCHANDISE, JOBBING AND CONTRACT WORK (Account 415)

Report by utility departments the revenues, costs, expenses, and net income from merchandising, jobbing, and contract work during year.

Line No.	Item (a)	Electric Department (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising sales, less discounts, allowances and returns.....				
4	Contract Work.....	191,463			191,463
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	191,463	\$0.00	\$0.00	191,463
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major classes of cost).....				
16	Jobbing/Contract Costs				
17	Labor				
18	Materials				
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses.....				
27	Customer accounts expenses.....				
28	Administrative and general expenses.....				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	\$0.00	\$0.00	0
51	Net Profit (or Loss)	191,463	\$0.00	\$0.00	191,463

Annual Report of the Town of Mansfield

Year Ended December 31, 2022

PURCHASED POWER (Account 555)

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public

Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power DP; other, O, and place an "X" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Kw or Kva Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	New York Power Authority	FP	X	GILBERT ST.	SS	1,333		
2	Stonybrook Peaking	O		GILBERT ST.	SS	12,472		
3	Stonybrook Intermediate	O		GILBERT ST.	SS	17,524		
4	Nuclear Mix 1 (Seabrook)	O	X	GILBERT ST.	SS	126		
5	Nuclear Mix 1 (Millstone)	O	X	GILBERT ST.	SS	1,228		
6	Nuclear Project 3 (Millstone)	O	X	GILBERT ST.	SS	722		
7	Nuclear Project 4 (Seabrook)	O	X	GILBERT ST.	SS	3,101		
8	Nuclear Project 5 (Seabrook)	O	X	GILBERT ST.	SS	280		
9	Nuclear Project 6 (Seabrook)	O	X	GILBERT ST.	SS	6,372		
10	Hydro Quebec	O	X	GILBERT ST.	SS			
11	ISO OATT			GILBERT ST.	SS			
12	System Power	DP						
13	Hancock Wind	O	X	GILBERT ST.	SS	3,129		
14	Hydro Quebec Flow Rights	O	X					
15								
16								
17								
18								
19								
20								
21								
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31								
32								
33								
34								
35								

Annual Report of the Town of Mansfield

Year Ended December 31, 2022

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PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and

should be furnished whether or not used in the determination of demand charges. Show in column (l) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Cost of Energy (Omit Cents)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 MINUTES	115 kv	8,572,523	65,661	53,121	296,894	415,676	\$ 0.0485	1
60 MINUTES	115 kv	436,632	265,869	108,891	12,259	387,019	\$ 0.8864	2
60 MINUTES	115 kv	5,301,835	690,073	584,465	19,312	1,293,850	\$ 0.2440	3
60 MINUTES	115 kv	1,104,309	24,651	5,058	80	29,789	\$ 0.0270	4
60 MINUTES	115 kv	8,997,293	299,479	55,911	13,691	369,081	\$ 0.0410	5
60 MINUTES	115 kv	5,287,224	175,278	32,856	8,045	216,179	\$ 0.0409	6
60 MINUTES	115 kv	27,086,119	596,324	124,054	1,966	722,344	\$ 0.0267	7
60 MINUTES	115 kv	2,449,054	55,514	11,217	178	66,909	\$ 0.0273	8
60 MINUTES	115 kv	55,663,461	1,230,883	254,939	4,040	1,489,862	\$ 0.0268	9
	115 kv	-	-	-	55,906	55,906		10
	115 kv	-	-	-	4,636,400	4,636,400		11
	115 kv	46,984,400	930,000	5,356,998	-	6,286,998	\$ 0.1338	12
60 MINUTES	115 kv	7,701,370	-	345,692	1,856	347,548	\$ 0.0451	13
		-	(88,752)	-	(137,680)	(226,432)		14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
TOTALS		169,584,220	4,244,980	6,933,202	4,912,947	16,091,129		35

Annual Report of the Town of Mansfield

Year Ended December 31, 2022

INTERCHANGE POWER (Included in Account 555)

1. Report below the Kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A., Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).
3. Particulars of settlements for interchange power

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

A. Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	NEPEX				228,575,200	176,047,790	52,527,410	7,324,165
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	228,575,200	176,047,790	52,527,410	7,324,165

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	6,948,448
14		NEPOOL EXPENSE	375,717
15			
16			
17			
18			
19			
20			
21		TOTALS	7,324,165

Annual Report of the Town of Mansfield						Year Ended December 31, 2022		57
ELECTRIC ENERGY ACCOUNT								
Report below the information called for concerning the disposition of electric generated, purchased, and interchanged during the year.								
Line No.	Item (a)						Kilowatt-hours (b)	
SOURCES OF ENERGY								
1	Generation (excluding station use):							
2	Steam..... Gas Turbine Combined Cycle							
3	Nuclear.....							
4	Hydro.....							
5	Other..... Diesel						2,685,387	
6	Total generation.....						2,685,387	
7	Purchases.....						176,973,138	
8	{ In (gross)						228,575,200	
9	{ Out (gross)						176,047,790	
10	Interchanges..... { Net (Kwh).....						52,527,410	
11	{ Received.....							
12	{ Delivered.....							
13	Transmission for/by others (Wh)..... { Net (kwh).....						229,500,548	
14								
15	TOTAL							
DISPOSITION OF ENERGY								
16	Sales to ultimate consumers (including interdepartmental sales).....						228,824,067	
17	Sales for resale.....							
18	Energy furnished without charge							
19	Energy used by the company (excluding station use).....							
20	Electric department only.....							
21	Energy losses:							
22	Transmission and conversion losses.....							
23	Distribution losses..... 676,481							
24	Unaccounted for losses.....							
25	Total energy losses.....						676,481	
26	Energy losses as percent of total on line 15..... 0.29%							
27	TOTAL						229,500,548	
28								
MONTHLY PEAKS AND OUTPUT								
1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent. 2. Monthly peak col. (b) should be respondent's maximum Kw load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange mission or wheeling. Total for the year should agree with line 15 above. minus temporary deliveries (not interchange) or emergency power to another system. 5. If the respondent has two or more power systems and physically Monthly peak including such emergency deliveries should be shown in a footnote with connected, the information called for below should be furnished for each a brief explanation as to the nature of the emergency. 3. State type of monthly peak reading (instantaneous 15, 30, or 60 minute integrated.) 4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net trans-								
Town of Mansfield								
Monthly Peak								
Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)	
29	January	36,215	Tuesday	11	20:00	60 min.	20,756,797	
30	February	34,690	Tuesday	15	9:00	60 min.	18,200,777	
31	March	31,837	Tuesday	1	13:00	60 min.	18,400,610	
32	April	28,001	Wednesday	6	14:00	60 min.	15,790,706	
33	May	39,273	Sunday	22	17:00	60 min.	17,762,667	
34	June	40,008	Sunday	26	17:00	60 min.	18,903,499	
35	July	50,338	Thursday	21	16:00	60 min.	23,175,074	
36	August	52,161	Tuesday	9	14:00	60 min.	23,497,516	
37	September	33,901	Thursday	1	18:00	60 min.	17,138,959	
38	October	27,224	Tuesday	4	19:00	60 min.	16,212,862	
39	November	29,681	Monday	21	17:00	60 min.	18,104,804	
40	December	33,180	Monday	19	18:00	60 min.	18,870,890	
41	TOTAL						226,815,161	

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SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
 2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
 3. Substations with capacities of less than 5000 Kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character or each substation, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE			Capacity of Substation in Kva (in Service) (f)	Number Of Transformers in Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1	Gilbert Street	Distribution - Unattended	115kv	13.8kv		80,000					
2	Gilbert Street Expansion	Distribution - Unattended	115kv	13.8kv		80,000					
3	East Mansfield (Bird Road)	Distribution - Unattended	115kv	13.8kv		80,000					
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											
TOTALS						240,000	0	0			

####

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	88.83		88.83
2	Added During Year	0.00		0.00
3	Retired During Year	(0.13)		0.00
4	Miles - End of Year	88.70		88.83
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (Kva)
16	Number at beginning of year.....		11,554	2,138	201,874
17	Additions during year:				
18	Purchased.....		144	32	1,275
19	Installed.....				
20	Associated with utility plant acquired.....				
21	Total additions.....		144	32	1,275
22	Reduction during year:				
23	Retirements.....		496	11	10,360
24	Associated with utility plant sold.....				
25	Total reductions.....		496	11	10,360
26	Number at End of Year.....		11,202	2,159	192,789
27	In Stock.....		698	133	10,196
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....				
31	In Companys' Use.....				
32	Number at End of Year.....		698	133	10,196

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE -- (Distribution System)						
Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.						
Line No.	Designation of Underground Distribution System	Miles of Conduit Bank (All sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles* (c)	Operating voltage (d)	Feet* (e)	Operating Voltage (f)
1			76.3			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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20						
21						
22						
23						
24						
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26						
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28						
29						
30						
31						
32						
33						
34	TOTALS		76			

*Indicate number of conductors per cable.

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STREET LAMPS CONNECTED TO SYSTEM									
Line No.	City or Town (a)	TYPE							
		High Press. Sodium			LED				
		Other (b)	Municipal (c)	Total (d)	 (e)	Other (f)	Municipal (g)	Total (h)	
1	Mansfield								
2									
3									
4	50 Watt	12	7	19	31 watt	6	675	681	
5									
6	100 Watt	0	15	15	36 watt	70	1,519	1,589	
7									
8	250 Watt	1	1	2	51 watt	13	409	422	
9									
10	400 Watt	94	8	102	73 watt	0	20	20	
11									
12				0	85 watt	40	1	41	
13									
14					91 watt	19	23	42	
15									
16					103 watt	25	78	103	
17									
18					140 watt	30	16	46	
19									
20					250 watt	14	5	19	
21									
22					400 watt	4	1	5	
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
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38									
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44									
45									
46									
47									
48									
49									
50									
51									
52	TOTALS	107	31	138	0	221	2,747	2,968	

RATE SCHEDULE INFORMATION

1. Attach copies of all Filed Rates for General Consumers.
2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenue predicted on the previous year's operations.

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues																									
			Increases	Decrease																								
		Purchase Power Adjustment Charge Changes as follows: <table><tr><td>Date</td><td>New Rate</td><td></td></tr><tr><td>April 01, 2022</td><td>\$0.0132</td><td>0.01320</td></tr><tr><td>July 01, 2022</td><td>\$0.0163</td><td>0.00310</td></tr><tr><td>September 01, 2022</td><td>\$0.0713</td><td>0.05500</td></tr></table> Residential Credit Factor as follows: <table><tr><td>Date</td><td>New Rate</td><td></td></tr><tr><td colspan="3">NO Change</td></tr></table> Non-Residential Credit Factor as follows: <table><tr><td>Date</td><td>New Rate</td><td></td></tr><tr><td colspan="3">NO Change</td></tr></table>	Date	New Rate		April 01, 2022	\$0.0132	0.01320	July 01, 2022	\$0.0163	0.00310	September 01, 2022	\$0.0713	0.05500	Date	New Rate		NO Change			Date	New Rate		NO Change				
Date	New Rate																											
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THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

Joseph M. Sollecito

3/20/2023

General Manager of Electric
Light

Frank Delvecchio

Jess Aptowitz

Neil Rhein

Michael A. Trowbridge

Diana Bren

Selectmen
or
Members
of the
Municipal
Light
Board