

# 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,

2024

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

Form Ac19

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		GENERAL	INFORMATI	ON	Page 3
1.	Name of town (or city) makir	ng this report.			Mansfield
2.	If the town (or city) has acqu				
	Kind of plant, whether gas		Electric		
	Owner from whom purchas	sed, if so acqu	ired.		
	Date of votes to acquire a pl June 25, 1903	ant in accorda	ance with the	provisions of chapter 164 of the Gene	ral Laws.
	Record of votes: First Vote	- 4 Yes 1 No			
	Date when town (or city) beg	gan to sell elec	ctricity, 1903		
3.	Name and address of mana	ger of municip	pal lighting:		
	Joseph Sollecito	317 Crane A	ve South	Taunton, MA 02780	
4.	Name and address of mayo	or or selectme	n		
	Diana Bren	66 Samoset	t Ave	Mansfield, MA 02048	
	Walter Wilk	7 Sawmill C	t	Mansfield, MA 02048	
	Brendan Roche	533 Elm Stre	eet	Mansfield, MA 02048	
	Michael A. Trowbridge	4 Suzanne I	Lane	Mansfield, MA 02048	
	Maureen R. Doherty	3 Darby Dr		Mansfield, MA 02048	
5.	Name and address of town	(or city) treas	urer:		
	John Ellard 7 Magno	lia Dr R	ockland, MA	02370	
6.	Name and address of town	(or city) clerk:			
	Marianne Staples 14	47 South Main	St Unit 204	Mansfield, MA 02048	
7.	Names and addresses of m	embers of mu	ınicipal light b	poard:	
	Same as Selectmen				
8.	Total valuation of estates in (taxable)	town (or city)	according to	last state valuation	\$5,557,485,150
9.	Tax rate for all purposes du	ring the year:		I, Industial and Personal Property	\$13.17 \$20.05
10	. Amount of manager's salar	y:		Joseph Sollecito - General Manager	\$214,000
11	. Amount of manager's bond:				\$0
12	. Amount of salary paid to me	embers of mur	nicipal light bo	oard (each)	\$0

10,564

#### Annual Report of the Town of Mansfield Year Ended December 31, 2024 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 ..... 31,560,925 3 FROM RATE STABILIZATION FUND..... 4 31,560,925 TOTAL 5 Expenses: 6 For operation, maintenance and repairs..... 26,377,177 7 For interest on bonds, notes or scrip..... 8 2,620,914 For depreciation fund ..... 9 For sinking fund requirements..... 10 For note payments..... 11 For bond payments..... 12 For loss in preceding year..... **TOTAL** 13 28,998,092 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..... 1,058,145 19 Of electricity to be used for street lights..... 112,010 20 Total of the above items to be included in the tax levy..... 1,170,154 21 22 New construction to be included in the tax levy..... 23 Total amounts to be included in the tax levy..... 1,170,154 **CUSTOMERS** Names of cities of towns in which the plant supplies Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each ELECTRICITY, with the number of customers' meters in each Number of Customers' Number of Customers' City or Town Meters, December 31. City or Town Meters, December 31. NONE Mansfield 10,564

**TOTAL** 

AI D.	word of the Town of Manageral			VFdd-D-	04	5
Annual Re	port of the Town of Mansfield	ΔΤΙΩΝς SI	NCE BEGINNING OF	Year Ended De	cember 31,	2024
(1	nclude also all items charged di				e or required	d.)
	ION OR PURCHASE OF PLAN		7,	'	'	,
* At	meeting	19	, to be paid from {		\$	
* At	meeting	19	, to be paid from $\{$		\$	
		FOTDIOIT	V TO DE LIGED DV TU		LEOD	
	FED COST OF THE GAS OR EI					112,010
•	ings				ψ	1,058,145
						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
					\$	1,170,154
*Date of meeting an	nd whether regular or special	{	Here insert bonds, not	es or tax levy		
	CI	HANGES II	N THE PROPERTY			
1. Describe briefly a	Ill the important physical change	s in the pro	perty during the last fis	cal period includin	g additions.	alterations
	to the works or physical proper		, , ,	•		•
In electric proper	ty:	1	NONE			
In gas property:						
iii gas property.						

					8B
Annual Report of the Town of Ma	nsfield	`	Year Ended December	31, 2024	
TO <sup>-</sup>	TAL COST OF PLANT	ELECTRIC (Continu	ued)		
Ralanco					Ralanco

Line Account No. (a)  1 4. DISTRIBUTION PLANT 2 360 Land and Land Rights 3 361 Structures and Improvements 4 362 Station Equipment	Beginning of Year (b) 313,205 679,115 16,777,966	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	End of Year (g)
No. (a)  1 4. DISTRIBUTION PLANT 2 360 Land and Land Rights 3 361 Structures and Improvements 4 362 Station Equipment	(b) 313,205 679,115	<b>(c)</b>	(d)			
1 4. DISTRIBUTION PLANT 2 360 Land and Land Rights 3 361 Structures and Improvements 4 362 Station Equipment	313,205 679,115	0	, ,	(e)	(f)	(g)
<ul><li>2 360 Land and Land Rights</li><li>3 361 Structures and Improvements</li><li>4 362 Station Equipment</li></ul>	679,115	-	0			
3 361 Structures and Improvements 4 362 Station Equipment	679,115	-	0			
4 362 Station Equipment	, -	•	0			313,205
· ·	16,777,966	0	0			679,115
		378	0			16,778,344
5 363 Unallocated Capital Labor	3,454,725	0	0			3,454,725
6 364 Poles, Towers and Fixtures	2,179,828	77,428	0			2,257,256
7 365 Overhead Conductors and Devices	9,495,847	604,259	0			10,100,106
8 366 Underground Conduits	6,285,845	69,542	0			6,355,387
9 367 Underground Conductors & Devices	11,038,256	1,050,206	0			12,088,462
10 368 Line Transformers	3,015,156	359,352	0			3,374,508
11 369 Services	538,517	21,007	0			559,524
12 370 Meters	1,514,858	60,084	0			1,574,942
13 371 Installation on Cust's Premises	0	0	0			0
14 372 Leased Prop. on Cust's Premises	88,589	2,803	0			91,392
15 373 Street Light and Signal Systems	1,236,751	14,966	0			1,251,717
16 Total Distribution Plant	56,618,658	2,260,025	0	0	0	58,878,683
17 5. GENERAL PLANT						
18 389 Land and Land rights	0					0
19 390 Structures and Improvements	4,850,282	34,164	0			4,884,446
20 391 Office Furniture and Equipment	57,975	3,172	0			61,148
21 392 Transportation Equipment	2,883,981	85,308	0			2,969,289
22 393 Stores Equipment	23,151	7,790	0			30,941
23 394 Tools, Shop and Garage Equipment	263,873	14,179	0			278,052
24 395 Laboratory Equipment	54,539	0	0			54,539
25 396 Power Operated Equipment	0	0	0			0
26 397 Communication Equipment	109,386	591	0			109,977
27 398 Miscellaneous Equipment	3,003,443	0	0			3,003,443
28 399 Other Tangible Property	53,911	0	0			53,911
29 Total General Plant	11,300,540	145,205	0	0	0	11,445,745
30 Total Electric Plant in Service	67,919,198	2,405,230	0	0	0	70,324,428
31	-	-	TOTAL COST OF P	LANT		
32						
33			Less Cost of Land, Land R	ights, and Rights of Way		313,205
34			Total Cost upon which de			70,011,223

The above figures should show the original cost of existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land values, should be taken as a basis for figuring depreciation.

## **COMPARATIVE BALANCE SHEET Liabilities and Other Credits**

		Balance		
			5	
	Title of Assessed	Beginning of	Balance End	Increase
Line No.	Title of Account	Year	Year	or (Decrease)
	(a)	(b)		
1	APPROPRIATIONS			
2	201 Appropriations for Construction SURPLUS			
	205 Sinking Fund Reserves			
	206 Loans Repayment			
	207 Appropriations for Construction Repayment	0	0	0
	208 Unappropriated Earned Surplus (P. 12)	51,371,057	52,701,122	1,330,065
8	Total Surplus	51,371,057	52,701,122	1,330,065
9	LONG TERM DEBT	01,011,001	02,101,122	1,000,000
_	221 Bonds (P. 6)			
	231 Notes Payable (P 7)			
12	Total Bonds and Notes			
13	CURRENT AND ACCRUED LIABILITIES			
	232 Accounts Payable	2,641,487	1,845,083	(796,404)
	234 Payables to Municipality	_,,,,,,,	1,010,000	0
	235 Customer Deposits	1,598,069	1,769,221	171,152
	236 Taxes Accrued	140,496	187,412	46,916
	237 Interest Accrued	,	,	0
19	242 Miscellaneous Current and Accrued Liabilities	57,423	57,065	(358)
20	Total Current and Accrued Liabilities	4,437,475	3,858,782	(578,694)
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			
	260 Reserves for Uncollectable Accounts	527,150	580,977	53,828
	261 Property Insurance Reserve			0
	262 Injuries and Damages Reserves			0
	263 Pensions and Benefits			0
	265 Miscellaneous Operating Reserves			0
32	Total Reserves	527,150	580,977	53,828
33	CONTRIBUTIONS IN AID OF			
	CONSTRUCTION			
34	271 Contributions in Aid of Construction			
35	Total Liabilities and Other Credits	56,335,682	57,140,881	805,199

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.

Annua	•	ear Ended December 31, 2024	12
	STATEMENT OF INCOME F	FOR THE YEAR	
Line No.	(a)	Current Year	Increase or (Decrease) from Preceding Year
1	OPERATING INCOME	00 000 504	000.404
2	400 Operating Revenue (P. 37 and P. 43)	30,286,564	238,134
3 4	Operating Expenses:	24 265 545	(642.576
-	401 Operation Expense (P.42)	24,365,545 2,011,632	(642,576 328,157
	403 Depreciation Expense	2,620,914	21,773
	407 Amortization of Property Losses	2,020,314	21,770
8	407 / Willord Zadio if Or Toporty E00000		
9	408 Taxes (P. 48)		
10	Total Operating Expenses	28,998,092	(292,646
11	Operating Income	1,288,473	530,780
	414 Other Utility Operating Income (P.50)	1,200,110	000,100
13	( 133)		
14	Total Operating Income	1,288,473	530,780
15	OTHER INCOME	, ,	,
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	79,486	66,380
17	419 Interest Income	947,950	285,328
18	421 Miscellaneous Income	112,682	254
19	Total Other Income	1,140,118	351,962
20	Total Income	2,428,590	882,742
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions	437,539	413,684
24	Total Income Deductions	437,539	413,684
25	Income before Interest Charges	1,991,051	469,056
26	INTEREST CHARGES		
	427 Interest on Bonds and Notes		
	428 Amortization of Debt Discount and Expense		
	429 Amortization of Premium on Debt		
	431 Other Interest Expense	77,384	34,104
	432 Interest Charged to Construction-Credit	77.004	04.404
32	Total Interest Charges	77,384	34,104
33	Net Income	1,913,668	434,952
	EARNED SURPLUS		
Lino	EARNED SURPLUS	Debits	Credits
Line No.	(a)	(b)	Credit
	Unappropriated Earned Surplus (at beginning of Period)	(b)	51.371.057
35	onappropriated Earned Ourpids (at beginning or renou)		31,371,037
36			
	433 Balance transferred from Income		1,913,668
	434 Miscellaneous Credits to Surplus		197,357
	435 Miscellaneous Debits to Surplus	0	,
	436 Appropriations of Surplus (P.21)	780,960	
	437 Surplus Applied to Depreciation	0	
42	208 Unappropriated Earned Surplus (at end of period)	52,701,122	
43			
44	TOTALS	53,482,082	53,482,082
	<b> </b>	·	•
-			

			14
Annu	al Report of the Town of Mansfield	Year Ended December 31, 20	24
	CASH BALANCES AT END OF Y	EAR (Account 131)	
Line	Items		Amount
No.	(a)		(b)
1	Operation Fund		12,191,447
2	Interest Fund		
3	Bond Fund		
4	Construction Fund	•	400
5	Petty Cash Fund		409
6	Other Post Employment Benefits Fund		
7			
8			
10			
11		TOTAL	10 101 050
12		TOTAL	12,191,856
	MATERIALS AND SUPPLIES (Account 151-159, 163) Summary per Balance Sheet		
	•	Amount Find of Voor	
		Amount End of Year	
Line	Account	Electric	Gas
No.	(a)	(b)	(c)
13	Fuel (Account 151) (See Schedule, Page 25)	(5)	(0)
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154)	1,484,558	
17	Merchandise (Account 155)	1,464,556	
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - In Reactor (Actt 157)  Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)	0	
23	Total per Balance Sheet	1,484,558	
23	•	1,464,336	
Line	Depreciation Fund Account (Account 126)	T	Amount
No.	(a)		(b)
24	DEBITS		(3)
25	Balance of Account at Beginning of Year		4,342,453
25 26	Income During Year from Balance on Deposit		
27	Amount Transferred from Income		218,194 2,620,914
	Allibuilt Transferred from Income	TOTAL	
28		TOTAL	7,181,561
29			
30	CREDITS (0. 570404 (0.1.)		4 077 404
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)		1,877,464
32	Amounts Expended for Renewals		
33			
34			
35			
36			
37			
38			
39	Balance on Hand at End of Year		5,304,097
40		TOTAL	5,304,097

# 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)
NO.	4. DISTRIBUTION PLANT	(D)	(6)	(u)	(e)	(1)	(9)
1	360 Land and Land Rights	313,205	0				313,205
	361 Structures and Improvements	42,070	0	2,423			39,647
	362 Station Equipment	4,989,390	378	426,557			4,563,211
	363 Unallocated Capital Labor	1,158,530	0	483,107			675,426
	364 Poles and Fixtures	746,844	77,428	43,642			780,630
7	365 Overhead Conductors and Devices	3,529,509	604,259	468,687			3,665,081
8	366 Underground Conduits	2,230,024	69,542	190,100			2,109,466
9	367 Underground Conductors and Devices	3,765,751	1,050,206	316,070			4,499,887
_	368 Line Transformers	495,318	359,352	27,749			826,921
-	369 Services	81,496	21,007	8.158			94.344
	370 Meters	1,353,201	60,084	75,372			1,337,914
	371 Installation on Cust's Premises	0	0	0			0
14	372 Leased Prop. on Cust's Premises	48,299	2,803	2,599			48,503
	373 Street Light and Signal Systems	898,683	14,966	56,401			857,247
16	Total Distribution Plant	20,976,979	2,260,025	2,100,865	0	0	19,811,482
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0					0
19	390 Structures and Improvements	3,300,010	34,164	185,370			3,148,804
20	391 Office Furniture and Equipment	39,420	3,172	1,967			40,625
21	392 Transportation Equipment	1,871,019	85,308	120,697			1,835,629
22	393 Stores Equipment	19,405	7,790	1,305			25,890
23	394 Tools, Shop and Garage Equipment	216,885	14,179	34,375			196,689
24	395 Laboratory Equipment	53,671	0	7,259			46,412
25	396 Power Operated Equipment	0	0	0			0
26	397 Communication Equipment	99,092	591	5,564			94,119
27	398 Miscellaneous Equipment	2,399,606	0	159,572			2,240,034
	399 Other Tangible Property	36,850	0	3,940			32,910
29	Total General Plant	7,339,299	145,205	520,049	0	0	7,661,113
30	Total Electric Plant in Service	28,316,278	2,405,230	2,620,914	0	0	27,472,594
31	104 Utility Plant leased to Others						
32	105 Property Held for Future Use						
33		0		0		0	0
	108 Accumulated Depreciation						
34	Total Utility Electric Plant	28,316,278	2,405,230	2,620,914	0	0	27,472,594

Annu	al Report of the Town of Mansfield	Year Ended December 31,	21 2024
	MISCELLANEOUS	NON-OPERATING INCOME (Account 421)	
Line		Item	Amount
<b>No.</b>	Misc. Non-operating Revenue	(a)	(b) 112,682
2	, ,		,
3 4			
5 6		TOTAL	112,682
U	OTHER INCOME DEDU		112,002
Line		Item	Amount
No.	Donations	(a)	(b) 437,539
8			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
9 10			
11 12			
13			
14		TOTAL	437,539
	MISCELLANEOUS CREDITS	·	
Line No.		ltem (a)	Amount (b)
15	Credit from MMWEC		197,357
16 17			
18 19			
20			
21 22			
23		TOTAL	197,357
	MISCELLANEOUS DEBITS 1		
Line No.		ltem (a)	Amount (b)
24		(~)	(~)
25 26			
27			
28 29			
30 31			
32		TOTAL	0
	APPROPRIATIO	NS OF SURPLUS (Account 436)	
Line No.		ltem (a)	Amount (b)
33	Town of Mansfield - Payment in Lieu of Taxes		780,960
34 35			
36 37			
38			
39 40		TOTAL	780,960
			. 30,300

#### **ELECTRIC OPERATING REVENUES (Account 400)**

- 1. Report below the amount of Operating Revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
- 2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.
- 3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are

added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc.,indicate in a footnote the number of such duplicate customers included in the classification.

- 4. Unmetered sales should be included below. The details of such sales should be given in a footnote.
  5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and
- 5. Classification of Commercial and Industrial Sales, Account 442, according to small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 Kw of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

		Operating R	evenues	Kilowatt-hours Sold			Number of rs per Month
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
	SALES OF ELECTRICITY  440 Residential Sales  442 Commercial and Industrial Sales:	12,398,681	(866,470)	81,768,882	2,434,455	9,399	14
	Small (or Commercial) see instr. 5 Large (or Industrial) see instr. 5 444 Municipal Sales (P.22)	1,848,397 17,313,847 1,170,154	(123,067) (1,256,810) (135,494)	10,154,395 118,662,755 8,760,831	319,675 3,737,117 116,847	776 277 113	(6) 5 (1)
8 9	445 Other Sales to Public Authorities 446 Sales to Railroads and Railways 448 Interdepartmental Sales 449 Miscellaneous Electric Sales						
11 12	Total Sales to Ultimate Consumers	32,731,079	(2,381,841)	219,346,863	6,608,094	10,564	11
13 14		32,731,079	(2,381,841)	219,346,863	6,608,094	10,564	11
16 17	450 Forfeited Discounts	(2,005,190) (442,524)	(289,332) 2,809,694	*Includes revenues			
19	455 Interdepartmental Rents			Total KWH to which	applied		219,346,863
23 24	Miscellaneous Adjustments to Sales						
25 26	Total Other Operating Revenues Total Electric Operating Revenues.	3,200 30,286,564	3,200 141,721				

## 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

					Average Revenue per K.W.H.		Customers Rendered)
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	(cents) *(0.0000) (d)	July 31 (e)	December 31 (f)
1	440	Residential	81,768,882	12,398,681	0.1516	9,381	9,399
2							
3 4							
5	442	Commercial	10,154,395	1,848,397	0.1820	782	776
6		Industrial	118,662,755	17,313,847	0.1459	273	277
7							
8							
9							
10	444	Municipal	8,760,831	1,170,154	0.1336	115	113
12 13							
14							
15							
16							
17							
18							
19							
20							
21 22							
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30 31							
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39 40							
41							
42							
43							
44							
45							
46							
47	TOTAL CALED TO !	ITIMATE CONCLINATED					
		JTIMATE CONSUMERS	219,346,863	32,731,079	0.1492	10,551	10,564

#### **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	87,153	(22,450)
5	Total Maintenance	87,153	(22,450)
6	Total Administrative and General Expenses	1,546,668	431,477
7	Total Electric Operation and Maintenance Expenses	26,377,177	(314,419)

#### SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Functional Classification	OPERATION	MAINTENANCE	TOTAL	
No.	(a)	(b)	(c)	(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	14,930,526		14,930,526	
15	Total Power Production Expenses	14,930,526		14,930,526	
16	Transmission Expenses	5,375,167		5,375,167	
17	Distribution Expenses	1,536,760	1,924,479	3,461,239	
18	Customer Accounts Expenses	1,063,578		1,063,578	
19	Sales Expenses				
20	Administrative and General Expenses	1,459,515	87,153	1,546,668	
21	Power Production Expenses				
22	Total Electric Operation and Maintenance Expenses	24,365,545	2,011,632	26,377,177	

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

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

20

# 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.

. topo.	t by utility departments the revenues, costs, expenses, and i		sing, joesing, and contact it	Other	
		Electric	Gas	Utility	
Line		Department	Department	Department	Total
No.	(a) Revenues:	(c)	(d)	(d)	(e)
2	Merchandising sales, less discounts,				
3	allowances and returns				
4	Contract Work	79,486			79,486
5	Commissions	ŕ			,
6	Other (List according to major classes)				
7					
8					
9	Total December	70.400	<b>\$0.00</b>	<b>*</b> 0.00	70.400
10	Total Revenues	79,486	\$0.00	\$0.00	79,486
11 12					
13	Costs and Expenses:				
14					
15					
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					
45					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	\$0.00	\$0.00	0
51	Net Profit (or Loss)	79,486	\$0.00	\$0.00	79,486

#### **PURCHASED POWER (Account 555)**

- 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 statisical classfication 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, amd othe power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

							or Kva Dema Specify Which	
Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	New York Power Authority	FP	Х	GILBERT ST.	SS	1,338		
	Stonybrook Peaking	0		GILBERT ST.	SS	12,472		
	Stonybrook Intermediate	0		GILBERT ST.	SS	17,524		
	Nuclear Mix 1 (Seabrook)	0	X	GILBERT ST.	SS	126		
	Nuclear Mix 1 (Millstone)	0	X	GILBERT ST.	SS	1,228		
	Nuclear Project 3 (Millstone)	0	X	GILBERT ST.	SS	722		
	Nuclear Project 4 (Seabrook)	0	X	GILBERT ST.	SS	3,101		
	Nuclear Project 5 (Seabrook)	0	X	GILBERT ST.	SS	280		
	Nuclear Project 6 (Seabrook)	0	X	GILBERT ST.	SS	6,372		
	Northeast Reliability Project	0	X	GILBERT ST.	SS	4,690		
	Msgt Cotton Solar Project	0	X	GILBERT ST.	SS	500		
	Hydro Quebec	0	X	GILBERT ST.	SS	0		
	ISO OATT			GILBERT ST.	SS	0		
	System Power	FP	.,	0" PEPE 0E		-		
	Hancock Wind	0	X	GILBERT ST.	SS	3,129		
	Hydro Quebec Flow Rights	0	Х			0		
17 18								
18								
20 21								
22								
23								
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26								
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33								
34								
35								

#### 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. It 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 turnished whether or not used in the determination of demand charges. Show in column (I) 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.

		of other adjustments.							
			Cost of Energy (Omit Cents)				Ce	ents per	
Type of Demand Reading	Voltage at which Delivered	Kilowatt- hours	Capacity Charges	Energy Charges	Other Charges	Total	(	KWH cents) 0.0000]	Line
(i)	(j)	(k)	<b>(I)</b>	(m)	(n)	(o)		(p)	No.
60 MINUTES	115 kv	9,209,704	65,630	45,314	77,781	188,725	\$	0.0205	1
60 MINUTES	115 kv	477,774	358,087	135,583	20,887	514,557	\$	1.0770	2
60 MINUTES	115 kv	2,093,999	743,429	129,114	32,650	905,193	\$	0.4323	3
60 MINUTES	115 kv	978,446	27,831	4,565	89	32,485	\$	0.0332	4
60 MINUTES	115 kv	10,071,610	350,298	64,730	13,701	428,730	\$	0.0426	5
60 MINUTES	115 kv	5,918,545	204,842	38,038	8,051	250,932	\$	0.0424	6
60 MINUTES	115 kv	23,999,051	672,123	111,971	2,182	786,277	\$	0.0328	7
60 MINUTES	115 kv	2,169,929	62,244	10,124	197	72,565	\$	0.0334	8
60 MINUTES	115 kv	49,319,365	1,386,362	230,106	4,485	1,620,954	\$	0.0329	9
60 MINUTES	115 kv	1,352,715	692,311	52,909	-	745,221	\$	0.5509	10
60 MINUTES	115 kv	817,652	101,008	-	119	101,127	\$	0.1237	11
	115 kv	-	-	-	80,261	80,261		N/A	12
	115 kv	-	-	-	4,790,744	4,790,744		N/A	13
	115 kv	64,530,400	387,500	4,719,391	-	5,106,891	\$	0.0791	14
60 MINUTES	115 kv	7,193,873	-	387,056	168	387,224	\$	0.0538	15
		-	(66,404)	-	(137,680)	(204,084)		N/A	16
									17
									18
									19
									20
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									28
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									30 31
									32
									33
									34
	TOTALS	178,133,063	4,985,261	5,928,901	4,893,635	15,807,802			35

#### 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 Nonutilies, (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

# INTERCHANGE POWER (Included in Account 555)

shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling.

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

					Kilowatt-hours			
Line No.	Name of Company	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Received	Delivered	Net Difference	Amount of Settlement
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1 2 3 4 5 6 7 8 9 10 11					230,451,857	184,457,855	45,994,002	3,553,652
12				TOTALS	230,451,857	184,457,855	45,994,002	3,553,652

## B. Details of Settlement for Interchange Power

Line	Name of Company	Explanation					
No.	(i)		<b>(i)</b>				
13	NEPEX	INTERCHANGE EXPENSE			3,085,596		
14		NEPOOL EXPENSE			468,056		
15					İ		
16					İ		
17					İ		
18					İ		
19					İ		
20					İ		
21				TOTALS	3,553,652		

Year Ended December 31, 2024

#### **ELECTRIC ENERGY ACCOUNT**

northelow the information called for concerning the disposition of electric generated, purchased, and interchanged during the year

	below the information called for concerning the di	sposition of electric generated, purchased, and interchang	ed during the year.	Vilamett hame
Line		Item		Kilowatt-hours
No.		(a)		(b)
1		SOURCES OF ENERGY		
2	Generation (excluding station use):			
3	SteamGas Tu			
4				
5				
6	Other Diesel		L	3,203,489
7				3,203,489
8	Purchases			177,183,665
9		{ In (gross) Out (gross)	230,451,857	
10	Interchanges			
11		{ Net (Kwh)		45,994,002
12		{ Received		
13	Transmission for/by others (Wh	{ Received		
14		{ Net (kwh)		226,381,156
15	TOTAL			
16	DISPOSIT	ION OF ENERGY		
17	Sales to ultimate consumers (including	interdepartmental sales)		219,346,863
18	Sales for resale			
19	Energy furnished without charge			
20	Energy used by the company (excludin	g station use)		
21		-		
22	Energy losses:			
23				
24	Distribution losses		7,034,293	
25	Unaccounted for losses			
26				7,034,293
27	Energy losses as percent of total on line			,,
28	,		TOTAL	226.381.156

## **MONTHLY PEAKS AND OUTPUT**

- 1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in killowatt-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 interchang 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 tootnote with connected, the information called for below should be furnished for each a breit 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 transsystem.

#### Town of Mansfield

#### **Monthly Peak**

				Day of			Monthly Output (kwh)
Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Month (d)	Hour (e)	Type of Reading (f)	See Instr. 4) (g)
29	January	32,499	Monday	29	18	60 min	18,659,315
30	February	31,316	Thursday	15	9	60 min	17,735,364
31	March	30,196	Friday	1	8	60 min	17,558,842
32	April	29,848	Thursday	4	12	60 min	16,328,217
33	May	34,835	Tuesday	28	17	60 min	17,260,906
34	June	44,802	Thursday	20	18	60 min	20,054,254
35	July	48,854	Tuesday	16	15	60 min	23,767,948
36	August	49,263	Friday	2	14	60 min	21,540,197
37	September	32,378	Wednesday	4	18	60 min	17,429,664
38	October	26,693	Tuesday	22	16	60 min	16,410,652
39	November	29,646	Tuesday	26	12	60 min	16,750,895
40	December	34,483	Monday	23	11	60 min	19,681,413
41						TOTAL	223,177,667

- 1. Report below rhe 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.

#### SUBSTATIONS

- 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.

	De SHOWH.			outers, jointly own	ica with other	o, or operated our	CIWIOC CIGII Dy	oo owner,	of other party is all associat		
				VOLTAGE					Conversion Appar	ratus and S	Special Equipment
		Character				Capacity of	Number	Number			
	Name and Location of Substation					Substation	Of Trans-	of Spare			
		Substation	Primary	Secondary	Tertiary		formers	Trans-		Number	Total
Line			. ,	,		(in Service)		formers	Type of Equipment		Capacity
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	Gilbert Street	Distribution - Unattended		13.8kv		80,000					
2		Distribution - Unattended		13.8kv		80,000					
	East Mansfield (Bird Road)	Distribution - Unattended		13.8kv		80,000					
4	` ′					,					
5											
6											
7											
8											
9											
10											
11											
12											
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29											
30											
31											
32											
02					TOTALS	240,000	0	0	1		
l					LOIALO	270,000		·			

# **OVERHEAD DISTRIBUTION LINES OPERATED**

		Length (Pole Miles)						
Line No.		Wood Poles	Steel Towers	TOTAL				
1	Miles - Beginning of Year	89.24		89.24				
2	Added During Year	0.13		0.13				
3	Retired During Year	0.00		0.00				
4	Miles - End of Year	89.37		89.37				
5								
6								
7								
8								

# ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

				Line Trans	formers
Line No.	ltem	Electric Services	Number of Watt-hour Meters	Number	Total Capacity (Kva)
16	Number at beginning of year		11,202	2,115	195,025
17	Additions during year:				
18	Purchased		32	66	1,341
19	Installed			57	742.0
20	Associated with utility plant acquired				
21	Total additions		32	123	2,083
22	Reduction during year:				
23	Retirements		357	38	2,235
24	Associated with utility plant sold				
25	Total reductions		357	38	2,235
26	Number at End of Year		10,877	2,200	194,873
27	In Stock		500	152	8,985
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		500	152	8,985

# 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.

			Underground Cable		Submarine Cable	
Line No.	Designation of Underground Distribution System	Miles of Conduit Bank (All sizes and Types)	Miles*	Operating voltage	Feet*	Operating Voltage
	(a)	(b)	(c)	(d)	(e)	(f)
1						
2			77.28			
3						
4 5						
6						
7						
8						
9						
10						
11 12						
13						
14						
15						
16						
17						
18						
19 20						
21						
22						
22 23						
24						
24 25 26 27						
26						
27 28						
29						
30						
31						
32 33						
34	TOTALS *Indicate number of conductors per cable		77			

\*Indicate number of conductors per cable.

# STREET LAMPS CONNECTED TO SYSTEM

			ТҮРЕ					
	City	Hi	gh Press. Sodii	ım		LED		
Line No.	or Town	Other	Municipal	Total		Other	Municipal	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1 2	Mansfield							
3								
4	50 Watt	0	24	24	31 watt	6	674	680
5 6	100 Watt	15	7	22	36 watt	69	1,518	1,587
	250 Watt	5	1	6	51 watt	14	417	431
	400 Watt	99	10	109	73 watt	0	32	32
11 12 13					85 watt	46	0	46
14 15					91 watt	25	25	50
16 17					103 watt	38	86	124
18 19					140 watt	20	42	62
20 21					250 watt	14	6	20
22 23					400 watt	4	1	5
24 25								
26 27								
28								
29 30								
31 32								
33 34								
35								
36								
37 38								
39								
40								
44 45								
46								
47								
48 49								
50								
51 52	TOTALS	119	42	161	0	236	2,801	3,037
UZ	IOIALO		72	.51	v	200	2,501	5,557

#### 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	M.D.P.U.	Rate Schedule	Estimated Effect of Annual Revenues		
Effective	Number		Increases	Decrease	
		Date New Rate Purchase Power Adjustment Charge Changes as follows: June 01, 2024 NO CHANGES  Purchase Power Charge Changes as follows: June 01, 2024 NO CHANGES  Distribution Charge Changes as follows: June 01, 2024 NO CHANGES			