# The Commonwealth of Massachusetts

## Return

of the

**Municipal Lighting Plant of** the Town of Hingham

to the

# **Department of Public Utilities**

of Massachusetts

For the Year ended December 31,

2018

Name of officer to whom correspondence should be addressed regarding this report: Official title:

General Manager

Paul Heanue

Office address: 31 Bare Cove Park Drive

Hingham, MA 02043

Form AC-19



The Board of Commissioners Hingham Municipal Lighting Plant Hingham, Massachusetts 02043

Management is responsible for the accompanying financial statements of Hingham Municipal Lighting Plant, which comprise the balance sheet as of December 31, 2018, and the related statements of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on these financial statements in the accompanying prescribed form.

The financial statements included in the accompanying prescribed form are intended to comply with the requirements of the Massachusetts Department of Public Utilities, and are not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America.

Goulet, Salvidio & Associates P.C.

Worcester, Massachusetts June 13, 2019

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## Annual Report of the Town of Hingham Year Ended December 31, 2018 **GENERAL INFORMATION** Page 3 Name of town (or city) making report. Hingham 1. 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. Weymouth Light & Power Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws. Record of votes: First vote: Yes, 305; No, 21 Second vote: Yes, 114; No, 43 Date when town (or city) began to sell gas and electricity, 3/18, 7/26 1893 3. Name and address of manager of municipal lighting: Paul Heanue Plymouth, MA 02360 Name and address of mayor or selectmen: 4. Mary Power Karen Johnson Paul Healy Hingham, MA 02043 Name and address of town (or city) treasurer: Jean Montgomery 5. Hingham, MA 02043 Name and address of town (or city) clerk: 6. Eileen McCracken Hingham, MA 02043 Names and addresses of members of municipal light board: 7. John P. Ryan Roger Freeman John A. Stoddard, Jr. Hingham, MA 02043 Total valuation of estates in town (or city) according to last State valuation 8. (taxable) \$ 6,993,805,460 Tax rate for all purposes during the year: 9. Residential \$11.77 Open Space Commercial/Industrial/Personal Property

10. Amount of manager's salary: \$177,762

11. Amount of manager's bond: \$10,000

12. Amount of salary paid to members of municipal light board (each): \$214

			RED BY GENERAL LAWS, CHAPTI R THE FISCAL YEAR, ENDING DE	*
1				Amount
	INCOME FROM PRIVA	ATE CONSUMERS:		
	From sales of gas			
	From sales of electricity	у		28,500,000
3			TOTAL	28,500,000
4				
_	EXPENSES			
	For operation, mainten	•		24,500,000
	For interest on bonds, i			
	For depreciation fund (		63,629,966 as per page 8A)	1,908,899
	For sinking fund require	ements		
	For note payments			
	For bond payments			
	For loss in preceding ye	ear	TOTAL	00.400.000
13			TOTAL	26,408,899
14	0007			
	COST:			
	Of gas to be used for n			
	Of gas to be used for s	_		4 000 000
	Of electricity to be used		gs	1,200,000
	Of electricity to be used	_	a lava	190,000
	Total of above items to	be included in the tax	x ievy	1,390,000
21	Now construction to be	included in the tay le	207	
23	New construction to be		•	1,390,000
23	Total amounts to be i	CUSTOMERS	у	1,390,000
Nam	nes of cities or towns in		Names of cities or towns in which t	ha nlant sunnligs
	olies GAS, with the num	•	ELECTRICITY, with the number of	
	ers in each.	ber of editioniers	meters in each.	Customers
111011	510 III Gaoii.	Number	metere in each.	Number
	City or Town	of Customers'	City or Town	of Customers'
		Meters, Dec. 31		Meters, Dec. 31
			Hingham	10,499
			3	,
	TAT*:			10.400
	TOTAL	. 0	TOTAL	10,499

(Inc	APPROPRIAT clude also all items charge direct t	TIONS SINCE BEGI to tax levy, even wh		or required.)	
FOR ( *At *At	CONSTRUCTION OR PURCHAS meeting meeting	SE OF PLANT	, to be paid from ** , to be paid from **	TOTAL_	0
1. 2. 3.	THE ESTIMATED COST OF THE TO BE USED BY THE CITY OF Street lights Municipal buildings		lICITY!	TOTAL_	190,000 1,200,000 1,390,000
* Date	e of meeting and whether regular	or special	** Here insert bonds, no	otes or tax levy	
	СНА	ANGES IN THE PRO	PERTY		
1.	Describe briefly all the important including additions, alterations of the lectric property:				
	In gas property:	Not applicable			

	Bonds
(	(Issued on Account of Gas or Electric Lighting.)

		Amount of	Period of Payme	nts	Interest		Amount Outstanding
When Authorized*	Date of Issue	Original Issue **	Amounts	When Payable	Rate	When Payable	at End of Year
Regular							
April 27, 1987	July 15, 1988	\$3,800,000					
Dafina dia a		<b>#000</b> 000					
Refunding Issue	May 15, 1993	\$960,000 \$2,830,000					
13300	Way 15, 1555	Ψ2,000,000					
			ĺ	1		TOTAL	i

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

<sup>\*</sup> Date of meeting and whether regular or special

<sup>\*\*</sup> List original issues of bonds and notes including those that have been repaid

## **Town Notes**

(Issued on Account of Gas or Electric Lighting.)

		Amount of	Period of Pay	ments		Interest	Amount Outstanding
When Authorized*	Date of Issue	Original Issue **	Amounts	When Payable	Rate	When Payable	at End of Year
Special							
07\26\1893	09/01/1896	\$1,000					
Special							
02\01\04	2/6/2004	\$12,000					
Regular							
03\16\06	9/1/2006	\$5,000					
Regular							
03\28\55	6/15/1955	\$45,000					
Regular							
03\25\56	8/15/1956	\$130,000					
Regular							
05\05\86	7/28/1986	\$800,000					
Regular							
04\27\87	7/21/1987	\$1,500,000					
Regular							
04\27\87	1/2/1988	\$1,500,000	*Bond Anticip Bond dated J	ated Notes			
			Dona dated of	10, 1000			
	TOTAL	\$3,993,000	1			TOTAL	\$0.0

The bonds and notes outstanding at end of year should agree with the Balance Sheet.

When bond and notes are repaid report the first three columns only

<sup>\*</sup> Date of meeting and whether regular or special

<sup>\*\*</sup> List original issues of bonds and notes including those that have been repaid

- 1. Report below the cost of utility plant in service according to prescribed accounts
- 2. Do not include as adjustments, corrections of additions and retirements for the current or the

## **TOTAL COST OF PLANT - ELECTRIC**

preceding year. Such items should be included in column (c) or (d) as appropriate.

- 3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative
- effect of such amounts.
- 4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
5	2. PRODUCTION PLANT	0	0	0	0	0	0
6	A. Steam Production						
7	310 Land and Land Rights						
8	311 Structures and Improvements						
9	312 Boiler Plant Equipment						
10	313 Engines and Engine Driven Generators						
11	314 Turbogenerator Units						
12	315 Accessory Electric Equipment						
13	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						
17	320 Land and Land Rights						
18	321 Structures and Improvements						
19	322 Reactor Plant Equipment						
20	323 Turbogenerator Units						
21	324 Accessory Electric Equipment						
22	325 Miscellaneous Power Plant Equipment						
	Total Nuclear Production Plant	0	0	0	0	0	0

## **TOTAL COST OF PLANT - ELECTRIC (Continued)**

Line	Account	Balance Beginning of Year	Additions	Retirements	Adjustments	Transfers	Balance End of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	C. Hydraulic Production Plant	` ,	. ,	. ,	, ,		(0)
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment		_				_
18	Total Other Production Plant	0	0	0	0		0
19	Total Production Plant	0	0	0	0	0	0
20	3. Transmission Plant	400.000					400.000
21	350 Land and Land Rights	430,299					430,299
22	351 Clearing Land and Rights of Way	0					0
23	352 Structures and Improvements	36,316					36,316
24	353 Station Equipment	0					0
25	354 Towers and Fixtures	0					0
26	355 Poles and Fixtures	824,167					824,167
27	356 Overhead Conductors and Devices	922,563					922,563
28	357 Underground Conduit	0					0
29	358 Underground Conductors and Devices	0					0
30	359 Roads and Trails	0				_	0
31	Total Transmission Plant	2,213,345	0	0	0	0	2,213,345

3 36 4 36 5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 14 37	Account (a)  4. DISTRIBUTION PLANT 360 Land and Land Rights 361 Structures and Improvements 362 Station Equipment 363 Storage Battery Equipment 364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit	Balance Beginning of Year (b)  4,564 11,494 5,375,145 0 5,681,180	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)	
1 2 36 3 36 4 36 5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	(a)  4. DISTRIBUTION PLANT  360 Land and Land Rights  361 Structures and Improvements  362 Station Equipment  363 Storage Battery Equipment  364 Poles Towers and Fixtures  365 Overhead Conductors and Devices  366 Underground Conduit	(b) 4,564 11,494 5,375,145 0			-		(g)	
3 36 4 36 5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	4. DISTRIBUTION PLANT 360 Land and Land Rights 361 Structures and Improvements 362 Station Equipment 363 Storage Battery Equipment 364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit	4,564 11,494 5,375,145 0	(c)	(d)	(e)	(†)		
3 36 4 36 5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	360 Land and Land Rights 361 Structures and Improvements 362 Station Equipment 363 Storage Battery Equipment 364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit	11,494 5,375,145 0						
3 36 4 36 5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	361 Structures and Improvements 362 Station Equipment 363 Storage Battery Equipment 364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit	11,494 5,375,145 0				1	4.504	
4 36 5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	362 Station Equipment 363 Storage Battery Equipment 364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit	5,375,145 0					4,564	
5 36 6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	363 Storage Battery Equipment 364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit	0					11,494	
6 36 7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	364 Poles Towers and Fixtures 365 Overhead Conductors and Devices 366 Underground Conduit						5,375,145	
7 36 8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	365 Overhead Conductors and Devices 366 Underground Conduit	5.681.180					0	
8 36 9 36 10 36 11 36 12 37 13 37 14 37 15 37	366 Underground Conduit		188,059	(14,750)			5,854,489	
9 36 10 36 11 36 12 37 13 37 14 37 15 37	· ·	15,022,193	226,067				15,248,260	
10 36 11 36 12 37 13 37 14 37 15 37		2,715,083					2,715,083	
11 36 12 37 13 37 14 37 15 37	367 Underground Conductors and Devices	8,321,776	56,937				8,378,713	
12 37 13 37 14 37 15 37	368 Line Transformers	4,293,753	187,292				4,481,045	
13 37 14 37 15 37	369 Services	546,917	4,967				551,884	
14 37 15 37	370 Meters	759,336	28,751				788,087	
15 37	371 Installations on Customer's Premises	0					0	
	372 Leased Prop on Customer's Premises	0					0	
	373 Street Light and Signal Systems	1,569,730	207,145	(121,030)			1,655,845	
	Total Distribution Plant	44,301,171	899,218	(135,780)	0	0	45,064,609	
17	5. GENERAL PLANT			,				
18 38	389 Land and Land Rights	0					0	
	390 Structures and Improvements	10,301,176	18,068				10,319,244	
20 39	391 Office Furniture and Equipment	2,477,133	16,713				2,493,846	
	392 Transportation Equipment	2,232,367	200,146				2,432,513	
	393 Stores Equipment	67,606	ŕ				67,606	
	394 Tools, Shop and Garage Equipment	258,212	11,945				270,157	
	395 Laboratory Equipment	115,759	2,451				118,210	
	396 Power Operated Equipment	0	,				0	
	397 Communication Equipment	995,433	13,044				1,008,477	
	398 Miscellaneous Equipment	74,152	2,670				76,822	
	399 Other Tangible Property	0	_,=,==				0	
29	Total General Plant	16,521,838	265,037	0	0	0	16,786,875	
30	Total Electric Plant in Service	63,036,354	1,164,255	(135,780)	0	0	64,064,829	
31	. Star Elocato Figure III Gol Vido	50,000,004	.,,200	, , ,	Total Cost of Electri	J	64,064,829	
33					Land Rights, Rights		434,863	
							63,629,966	
	Total Cost upon which Depreciation is based							
should be	e figures should show the original cost of the ex	isting property. In case a	ny part of the pro					

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#### COMPARATIVE BALANCE SHEET Assets and Other Debits Balance Balance Increase Line Title of Account Beginning End or No. of Year of Year (Decrease) (a) (b) (c) (d) **UTILITY PLANT** 1 101 Utility Plant - Electric (P. 17) 2 29,635,784 28,904,039 (731,745)3 101 Utility Plant - Gas (P. 20) 0 4 5 **Total Utility Plant** 29,635,784 28,904,039 (731,745)6 7 8 9 10 11 **FUND ACCOUNTS** 12 125 Sinking Funds 126 Depreciation Fund (P. 14) 8,542,547 13 10,571,302 2,028,755 128 Other Special Funds 6,205,739 6,881,381 675,642 14 2,704,397 15 Total Funds 14,748,286 17,452,683 16 **CURRENT AND ACCRUED ASSETS** 17 131 Cash (P. 14) 7,338,005 4,361,365 (2,976,640)18 132 Special Deposits 1,706,607 1,733,474 26,867 19 135 Working Funds 800 800 0 20 141 Notes Receivable 0 0 21 142 Customer Accounts Receivable 2,022,558 2,642,462 619,904 22 143 Other Accounts Receivable 506,823 157,540 (349,283)23 146 Receivables from Municipality 151 Materials and Supplies (P. 14) 24 998,665 946,983 (51,682)25 26 165 Prepayments 1,583,641 2,481,036 897,395 27 174 Miscellaneous Current Assets 362,170 362,170 28 **Total Current and Accrued Assets** 14,519,269 12,685,830 (1,833,438)29 **DEFERRED DEBITS** 30 181 Unamortized Debt Discount 0 0 0 31 182 Extraordinary Property Losses 0 32 185 Other Deferred Debits 952,767 1,355,473 402,706 1,355,473 402,706 33 **Total Deferred Debits** 952,767 34 35 59,856,106 60,398,025 541,919 Total Assets and Other Debits

#### **COMPARATIVE BALANCE SHEET** Liabilities and Other Credits Balance Balance Increase Line Title of Account Beginning End or (Decrease) No. of Year of Year (a) (b) (d) (c) **APPROPRIATIONS** 2 201 Appropriations for Construction 0 0 0 3 **SURPLUS** 4 205 Sinking Fund Reserves 0 0 5 206 Loans Repayment 4.438.000 4.438.000 0 6 207 Appropriations for Construction Repayments 64,745 64,745 0 7 208 Unappropriated Earned Surplus (P. 12) 39,909,056 39,554,879 (354,177)8 **Total Surplus** 44,411,801 44,057,624 (354,177)9 **LONG TERM DEBT** 10 221 Bonds (P. 6) 0 0 0 11 231 Notes Payable (P. 7) 0 0 0 12 **Total Bonds and Notes** 0 0 13 **CURRENT AND ACCRUED LIABILITIES** 14 232 Accounts Payable 1,509,880 1,873,287 (363,407)15 234 Payables to Municipality 491,970 504,480 12,510 235 Customers' Deposits 16 1,706,607 1,733,474 26,867 17 236 Taxes Accrued 40,392 49,187 8,795 18 237 Interest Accrued 0 242 Miscellaneous Current and Accrued Liabilities 19 93,661 110,728 17,067 20 **Total Current and Accrued Liabilities** 4,205,917 3,907,749 (298, 168)21 **DEFERRED CREDITS** 22 251 Unamortized Premium on Debt 0 23 252 Customer Advances for Construction 255,375 288,775 33,400 24 253 Other Deferred Credits 302,214 1,124,571 822,357 25 557,589 1,413,346 855,757 **Total Deferred Credits** 26 **RESERVES** 27 260 Reserves for Uncollectible Accounts 50,000 50,000 0 28 261 Property Insurance Reserve 0 0 0 29 262 Injuries and Damages Reserves 0 0 0 263 Pensions and Benefits Reserves 30 3,983,616 3,963,671 (19,945)31 265 Miscellaneous Operating Reserves 5,952,053 6,233,694 281,641 10,247,365 32 **Total Reserves** 9,985,669 261,696 33 CONTRIBUTIONS IN AID OF CONSTRUCTION 34 271 Contributions in Aid of Construction 695,130 771,941 76,811 35 59,856,106 60,398,025 Total Liabilities and Other Credits 541,919

Line	,aa	STATEMENT OF INCOME FOR THE YEAR	cember 31, 2010	1 age 12
Line   Account (a)	<b>—</b>	STATEMENT OF INCOME FOR THE TEAR		Increase or
No.   (a)	Lino	Account	Current Veer	
1				,
1	INO.	(a)	(0)	
2	1	OPERATING INCOME		(0)
3	2		28 727 165	1,199,322
4		,		1,100,022
1,256,082   451, 403   Depreciation Expense   1,256,082   451, 403   Depreciation Expense   1,878,044   32, 407   Amortization of Property Losses   0   0   0   0   0   0   0   0   0	1		25,799,912	3,828,706
6				451,188
7		•		32,829
9	7	407 Amortization of Property Losses	0	0
Total Operating Expenses	8			
11	9	408 Taxes (P. 49)		0
12	10	· · · · · · · · · · · · · · · · · · ·	28,934,038	4,312,723
13		· · · ·	(206,873)	(3,113,401)
Total Operating Income	1	414 Other Utility Operating Income (P. 50)	0	0
15	1		(2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	(2.1.2.12.12
16			(206,873)	(3,113,401)
and Contract Work (P. 51)				
17	16	<u> </u>		
18    421 Miscellaneous Nonoperating Income (P. 21)	4.7	,	1	0
Total Other Income			· ·	172,652
Total Income		· · · · · · · · · · · · · · · · · · ·		(31,645)
MISCELLANEOUS INCOME DEDUCTIONS   22   425 Miscellaneous Amortization   (23,874)   (2, 23   426 Other Income Deductions   0   (23,874)   (2, 24   Total Income Deductions   (23,874)   (2, 25   Income Before Interest Charges   165,797   (2,970, 26   INTEREST CHARGES   27   427 Interest on Bonds and Notes   0   428 Amortization of Debt Discount and Expense   0   429 Amortization of Premium on Debt - Credit   0   0   431 Other Interest Expense   15,893   5, 31   432 Interest: Charged to Construction - Credit   0   Total Interest Charges   15,893   5, 31   MET INCOME   149,904   (2,976, 297				141,007
22       425 Miscellaneous Amortization       (23,874)       (2, 2)         23       426 Other Income Deductions       0       (23,874)       (2, 2)         24       Total Income Deductions       (23,874)       (2, 2)         25       Income Before Interest Charges       165,797       (2,970, 2)         26       INTEREST CHARGES       0         27       427 Interest on Bonds and Notes       0       0         28       428 Amortization of Debt Discount and Expense       0       0         29       429 Amortization of Premium on Debt - Credit       0       0         30       431 Other Interest Expense       15,893       5,         31       432 Interest: Charged to Construction - Credit       0       0         32       Total Interest Charges       15,893       5,         33       NET INCOME       149,904       (2,976,         Line       Account       Debits       Credits         No.       (a)       (b)       (c)         34       208 Unappropriated Earned Surplus (at beginning of period)       39,909,			141,923	(2,912,394)
23       426 Other Income Deductions       0         24       Total Income Deductions       (23,874)       (2,970,100)         25       Income Before Interest Charges       165,797       (2,970,100)         26       INTEREST CHARGES       0         27       427 Interest on Bonds and Notes       0       0         28       428 Amortization of Debt Discount and Expense       0       0         29       429 Amortization of Premium on Debt - Credit       0       0         30       431 Other Interest Expense       15,893       5,         31       432 Interest: Charged to Construction - Credit       0       0         32       Total Interest Charges       15,893       5,         33       NET INCOME       149,904       (2,976,         EARNED SURPLUS         Line       Account       Debits       Credits         No.       (a)       (b)       (c)         34       208 Unappropriated Earned Surplus (at beginning of period)       39,909,			(23 874)	(2,282)
24         Total Income Deductions         (23,874)         (2,970, 165,797)           25         Income Before Interest Charges         165,797         (2,970, 165,797)           26         INTEREST CHARGES         0           27         427 Interest on Bonds and Notes         0           28         428 Amortization of Debt Discount and Expense         0           29         429 Amortization of Premium on Debt - Credit         0           30         431 Other Interest Expense         15,893         5,           31         432 Interest: Charged to Construction - Credit         0         15,893         5,           32         Total Interest Charges         15,893         5,           33         NET INCOME         149,904         (2,976,           EARNED SURPLUS           Line         Account         Debits         Credits           No.         (a)         (b)         (c)           34         208 Unappropriated Earned Surplus (at beginning of period)         39,909,			1	(2,202)
25			, and the second	(2,282)
26			, ,	(2,970,112)
27       427 Interest on Bonds and Notes       0         28       428 Amortization of Debt Discount and Expense       0         29       429 Amortization of Premium on Debt - Credit       0         30       431 Other Interest Expense       15,893       5,         31       432 Interest: Charged to Construction - Credit       0       15,893       5,         32       Total Interest Charges       15,893       5,         33       NET INCOME       149,904       (2,976,         EARNED SURPLUS         Line       Account       Debits       Credits         No.       (a)       (b)       (c)         34       208 Unappropriated Earned Surplus (at beginning of period)       39,909,         35       36		<del>_</del>	100,101	(=,0:0,::=)
28       428 Amortization of Debt Discount and Expense       0         29       429 Amortization of Premium on Debt - Credit       0         30       431 Other Interest Expense       15,893       5,         31       432 Interest: Charged to Construction - Credit       0         32       Total Interest Charges       15,893       5,         33       NET INCOME       149,904       (2,976,         EARNED SURPLUS         Line       Account       Debits       Credits         No.       (a)       (b)       (c)         34       208 Unappropriated Earned Surplus (at beginning of period)       39,909,         35       36		427 Interest on Bonds and Notes	0	0
29       429 Amortization of Premium on Debt - Credit       0         30       431 Other Interest Expense       15,893       5,         31       432 Interest: Charged to Construction - Credit       0         32       Total Interest Charges       15,893       5,         33       NET INCOME       149,904       (2,976,         EARNED SURPLUS         Line       Account       Debits       Credits         No.       (a)       (b)       (c)         34       208 Unappropriated Earned Surplus (at beginning of period)       39,909,         35       36				0
31       432 Interest: Charged to Construction - Credit       0         32       Total Interest Charges       15,893       5,         33       NET INCOME       149,904       (2,976,         EARNED SURPLUS         Line       Account       Debits       Credits         No.       (a)       (b)       (c)         34       208 Unappropriated Earned Surplus (at beginning of period)       39,909,         35       36		·	0	0
Total Interest Charges         15,893         5,           EARNED SURPLUS           Line No.         Account (a)         Debits (b)         Credits (c)           34         208 Unappropriated Earned Surplus (at beginning of period)         39,909,           35         36         39,909,	30	431 Other Interest Expense	15,893	5,990
SAMET INCOME         149,904         (2,976, 149,904)         (2,976, 149,904)         (2,976, 149,904)         Credits         NET INCOME         EARNED SURPLUS           Line No.         Account (a)         Debits (b)         Credits (b)         (c)         (c)         34         208 Unappropriated Earned Surplus (at beginning of period)         39,909,	31	432 Interest: Charged to Construction - Credit	0	0
Line Account Debits Credits No. (a) (b) (c)  34 208 Unappropriated Earned Surplus (at beginning of period) 39,909, 35 36		<u> </u>		5,990
Line No.Account (a)Debits (b)Credits (c)34 35 36208 Unappropriated Earned Surplus (at beginning of period)39,909,	33		149,904	(2,976,102)
No. (a) (b) (c)  34 208 Unappropriated Earned Surplus (at beginning of period) 39,909,  35 36	ļ.,,		T =	· · · · · · · · · · · · · · · · · · ·
34 208 Unappropriated Earned Surplus (at beginning of period) 39,909, 35 36				
35 36	-		(b)	
36	1	Zuo unappropriated Earned Surpius (at beginning of period)		39,909,056
1 3/1 433 Balance Transferred from Income	37	433 Balance Transferred from Income		149,904
38 434 Miscellaneous Credits to Surplus (P. 21)				149,904
39 435 Miscellaneous Debits to Surplus (P. 21)  504,081		• • • •	504 081	
40 436 Appropriations of Surplus (P. 21)	1	• • •	1	
41 437 Surplus Applied to Depreciation				
42 208 Unappropriated Earned Surplus (at end of period) 39,554,879		· · · · · · · · · · · · · · · · · · ·	39,554.879	
43			, , , , , , ,	
		TOTALS	40,058,960	40,058,960

	CASH BALANCES AT END OF YEAR		Tage 14
Line	Items		Amount
No.	(a)		(b)
110.	Operating Cash		4,361,365
2			4,301,303
2			
3			
4			
5			
2 3 4 5 6 7			
8			
9			
10			
11		TOTAL	4 264 26E
12	TRIAL CLAND CURRULES (A	TOTAL	4,361,365
MAIL	RIALS AND SUPPLIES (Accounts 151-159, 163)		
	Summary per Balance Sheet	1	
		Amount End	
Line	Account	Electric	Gas
No.	(a)	(b)	(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 (151))	946,983	
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23		946,983	0
DE	PRECIATION FUND ACCOUNT (Account 126)		
Line			Amount
No.	(a)		(b)
24	DEBITS		
25	Balance of account at beginning of year		8,542,547
	Income during year from balance on deposit (interest)		150,711
27	Amount transferred from income (depreciation)		1,878,044
28	Miscellaneous transfers		
29		TOTAL	10,571,302
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of	G.L.)	
	Miscellaneous transfers	,	
33			
34			
35			
36			
37			
38			
	Balance on hand at end of year		10,571,302
40	•	TOTAL	10,571,302

- Report below the cost of utility plant in service according to prescribed accounts
- Do not include as adjustments, corrections of additions and retirements for the current or the

UTILITY PLANT - ELECTRIC preceding year. Such items should be included in column (c).

3 . Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative

effect of such amounts.

4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

	Account (a)  1. INTANGIBLE PLANT  2. PRODUCTION PLANT	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
No.  1 2 3 4 5 6 7 3	(a)  1. INTANGIBLE PLANT  2. PRODUCTION PLANT	(b)		•	(e)	(f)	(g)
2 3 4 5 6 7	2. PRODUCTION PLANT	0					
3 4 5 6 7		0					
4 5 6 7		0					
5 6 7		0	_				
6 7 3			0	0	0	0	0
7 3							
	A. Steam Production						
	310 Land and Land Rights						
8 3	311 Structures and Improvements						
9 3	312 Boiler Plant Equipment						
10 3	313 Engines and Engine Driven Generators						
11 3	314 Turbogenerator Units						
12 3	315 Accessory Electric Equipment						
13 3	316 Miscellaneous Power Plant Equipment						
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						
17 3	320 Land and Land Rights						
18 3	321 Structures and Improvements						
19 3	322 Reactor Plant Equipment						
20 3	323 Turbogenerator Units						
21 3	324 Accessory Electric Equipment						
22 3	325 Miscellaneous Power Plant Equipment						
23	Total Nuclear Production Plant	0	0	0	0	0	0

	UTILITY PLANT - ELECTRIC (Continued)							
		Balance				Adjustments	Balance	
Line	Account (a)	Beginning of Year	Additions	Depreciation	Other Credits	Transfers	End of Year	
No.	C. Hydraulic Production Plant	(b)	(c)	(d)	(e)	(f)	(g)	
1	330 Land and Land Rights							
2	331 Structures and Improvements							
	332 Reservoirs, Dams and Waterways							
4 5	333 Water Wheels, Turbines and Generators							
6 7	334 Accessory Electric Equipment							
	335 Miscellaneous Power Plant Equipment							
8	336 Roads, Railroads and Bridges	0		0	0	0	0	
9 10	Total Hydraulic Production Plant D. Other Production Plant	0	0	0	0	0	0	
11	340 Land and Land Rights							
12	341 Structures and Improvements							
13	342 Fuel Holders, Producers and Accessories							
14	343 Prime Movers							
15	344 Generators							
16	345 Accessory Electric Equipment							
17	346 Miscellaneous Power Plant Equipment							
18	Total Other Production Plant	0	0	0	0	0	0	
19	Total Other Production Plant  Total Production Plant	0	0			0	0	
20	Transmission Plant	0	0	0	0	U	U	
21	350 Land and Land Rights	430,299				0	430,299	
22	351 Clearing Land and Rights of Way	430,299				0	430,299	
23	352 Structures and Improvements	0		0		0	0	
24	353 Station Equipment			U		0	U	
25	354 Towers and Fixtures					0		
26	355 Poles and Fixtures	16,235		16,235		0	0	
27	356 Overhead Conductors and Devices	147,490		36,167		0	111,323	
28	357 Underground Conduit	147,490		30,107			111,323	
29	358 Underground Conductors and Devices							
30	359 Roads and Trails							
31	Total Transmission Plant	594,024	0	52,402	0	0	541,622	

	UTILITY PLANT ELECTRIC (Continued)								
Line		Balance		-	Other	Adjustments	Balance		
No.	Account	Beginning of Year	Additions	Depreciation	Credits	Transfers	End of Year		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)		
1	4. DISTRIBUTION PLANT								
2	360 Land and Land Rights	4,564	0	0		0	4,564		
3	361 Structures and Improvements	2,041	0	345		0	1,696		
4	362 Station Equipment	1,994,694	0	177,018		0	1,817,676		
5	363 Storage Battery Equipment	0	0	0		0	0		
6	364 Poles Towers and Fixtures	1,649,711	188,059	170,435		0	1,667,335		
7	365 Overhead Conductors and Devices	5,578,235	226,067	450,666		0	5,353,636		
8	366 Underground Conduit	1,123,994	0	81,452		0	1,042,542		
9	367 Underground Conductors and Devices	4,312,133	56,937	249,653		0	4,119,417		
10	368 Line Transformers	923,252	187,292	128,813		0	981,731		
11	369 Services	0	4,967	1,733		0	3,234		
12	370 Meters	728,305	28,751	22,780		0	734,276		
13	371 Installations on Customer's Premises	0	0	0		0	0		
14	372 Leased Prop on Customer's Premises	0	0	0		0	0		
15	373 Streetlight and Signal Systems	183,070	207,145	47,092		0	343,123		
16	Total Distribution Plant	16,499,999	899,218	1,329,987	0	0	16,069,230		
17	5. GENERAL PLANT								
18	389 Land and Land Rights	0	0	0		0	0		
19	390 Structures and Improvements	9,938,520	18,068	309,035		0	9,647,553		
20	391 Office Furniture and Equipment	1,206,949	16,713	74,314		0	1,149,348		
21	392 Transportation Equipment	701,197	200,146	66,971		0	834,372		
22	393 Stores Equipment	31,716	0	2,028		0	29,688		
23	394 Tools, Shop and Garage Equipment	110,323	11,945	7,746		0	114,522		
24	395 Laboratory Equipment	32,904	2,451	3,473		0	31,882		
25	396 Power Operated Equipment	0	0	0		0	0		
26	397 Communication Equipment	290,575	13,044	29,863		0	273,756		
27	398 Miscellaneous Equipment	76,037	2,670	2,225		0	76,482		
28	399 Other Tangible Property	0	0	0		0	0		
29	Total General Plant	12,388,221	265,037	495,655	0	0	12,157,603		
30	Total Electric Plant in Service	29,482,244	1,164,255	1,878,044	0	0	28,768,455		
31	104 Utility Plant Leased to Others	0		0			0		
32	105 Property Held for Future Use	0		0			0		
33	107 Construction Work in Progress	153,540	0	0	17,956	0	135,584		
34	Total Utility Plant Electric	29,635,784	1,164,255	1,878,044	17,956	0	28,904,039		

## 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.

		4. Show gas and elect	ric fuels separately by sp			
	Kinds of Fuel and Oil					
		Total				
Line	Item	Cost	Quantity	Cost	Quantity	Cost
No.	(a)	(b)	(c)	(d)	(e)	(f)
1	On Hand Beginning of Year			·		
2	Received During Year					
3	TOTAL					
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10	Oald an Transferred					
11 12	Sold or Transferred TOTAL DISPOSED OF					
13	BALANCE END OF YEAR					
13	BALANCE END OF TEAR			Kinds of Fuel and Oi	I - continued	
				Milus of Fuel and Of	ii - continueu	
Line	Item		Quantity	Cost	Quantity	Cost
No.	(g)		(h)	(i)	(j)	(k)
14	On Hand Beginning of Year				W.	
15	Received During Year					
16	TOTAL					
17	Used During Year (Note A)					
18						
19						
20						
21						
22						
23						
24	Sold or Transferred					
25	TOTAL DISPOSED OF					
26	BALANCE END OF YEAR					

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

	MISCELLANEOUS NONOPERATING INCOME (Account 421)	
Line	Item	Amount
No	(a)	(b)
1	Grant Income	63,505
2		
3		
4		
5		
6	TOTAL	63,505
	OTHER INCOME DEDUCTIONS (Account 426)	
Line	Item	Amount
No.	(a)	(b)
7		
8		
9		
10		
11		
12		
13	TOTAL	0
14		-  0
Lina	MISCELLANEOUS CREDITS TO SURPLUS (Account 434)  Item	Amount
Line No.		
15	(a)	(b)
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0
	MISCELLANEOUS DEBITS TO SURPLUS (Account 435)	•
Line	Item	Amount
No.	(a)	(b)
24	Payment In Lieu of Taxes	504,081
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	504,081
	APPROPRIATIONS OF SURPLUS (Account 436)	T .
Line	ltem	Amount
No.	(a)	(b)
33 34		
35		
36		
37		
38		
39		
40	TOTAL	0

## **MUNICIPAL REVENUES (Account 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 MCF (cents) (0.0000)
						(d)
1						
2						
3						
4			TOTALS			
					Revenue	Average Revenue
		Electric Schedule		K.W.H.	Received	Per KWH (cents)
		(a)		(b)	(c)	(0.0000)
		,		` '	,	(d)
5	444	Municipal: (Other Than Street Lighting)		10,133,864	1,343,747	0.1326
		. ,				
7						
8						
6 7 8 9						
10						
11						
12			TOTALS	10,133,864	1,343,747	0.1326
13		Street Lighting		693,193	111,500	0.1608
14		3 3		,	•	
15						
16						
17						
18			TOTALS	693,193	111,500	0.1608
19			TOTALS	10,827,057	1,455,247	0.1344
19			TOTALS	10,827,057	1,455,247	0.1344

## **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	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20	, ,	. ,	. ,	` '	` /
21					
22					
23					
24					
25					
26					
27					
28					
29		TOTALS	0	0	

## **SALES FOR RESALE (Account 447)**

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
30	. ,	,			
31					
32					
33					
34					
35					
36					
37					
38					
39		TOTALS	0	0	

- Report below tde amount of operating revenue for tde
  year for eacd prescribed account and tde amount of increase or
  decrease over tde preceding year.
- 2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
- 3. Number of customers sdould be reported on tde basis of meters, plus number of late rate accounts except wdere separate

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

meter readings are added for billing purposes, one customer sdall be counted for eacd group of meters so added. Tde average number of customers means tde average of tde 12 figures at tde close of eacd montd. If tde customer count in tde residential service classification includes customers counted more tdan once because of special services, sucd as water deating, etc., indicate in a footnote tde number of sucd duplicate customers included in tde classification.

- 4. Unmetered sales sdould be included below. Tde details of sucd sales sdould be given in a footnote.
- Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to tde basis of classification regularly used by tde respondent if sucd basis of classification is not greater tdan 1000 KW. See Account 442 of tde Uniform System of Accounts. Explain basis of Classification

	onus number of fate fate accounts except where separate	Operating Reve	enues	Kilowatt-hours Sold  Kilowatt-hours Fold  Customers per Month			
			Increase or		Increase or		Increase or
		Amount for	(Decrease) from	Amount for	(Decrease) from	Number for	(Decrease) from
Line	Account	Year	Preceding Year	Year	Preceding Year	Year	Preceding Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	13,676,230	702,316	91,772,893	1,870,317	9,377	205
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	2,971,079	307,579	18,760,873	1,962,201	906	26
5	Large Commercial C Sales	10,322,342	34,409	80,271,411	2,049,569	142	(13)
6	444 Municipal Sales	1,455,247	9,757	10,827,057	(90,403)	74	(2)
7	445 Other Sales to Public Autdorities	0	0	0	0	0	0
8	446 Sales to Railroads and Railways	0	0	0	0	0	0
9	448 Interdepartmental Sales	0	0	0	0	0	0
10	449 Miscellaneous Sales	0	0	0	0	0	0
11	Total Sales to Ultimate Consumers	28,424,898	1,054,061	201,632,234	5,791,684	10,499	216
12	447 Sales for Resale	0	0	0	0	0	0
13	Total Sales of Electricity*	28,424,898	1,054,061	201,632,234	5,791,684	10,499	216
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	0	0				
16	451 Miscellaneous Service Revenues	302,267	145,261		* Includes revenues	s from	
17	453 Sales of Water and Water Power	0	0		application of fuel c	lauses \$	
18	454 Rent from Electric Property	0	0				
19	455 Interdepartmental Rents	0	0				
20	456 Other Electric Revenues	0	0		Total KWH to which	n applied	201,632,234
21							
22							
23							
24							
25	Total Otder Operating Revenues	302,267	145,261				
26	Total Electric Operating Revenue	28,727,165	1,199,322				

## 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, contract sales and unbilled sales may be reported separately in total.

OI COILLA	ct. Municipal sale	s, contract sales and unbilled sales may b	e reported separately in to	tai.	Average		
					Revenue	Number of C	ustomers
Line	Account	Schedule	K.W.H.	Revenue	per KWH	(per Bills re	
No.	No.	(a)	(b)	(c)	(cents)	July 31	Dec 31
110.		(4)	(2)	(5)	(0.0000)	(e)	(f)
					(d)	(0)	(1)
1	440.000	A1 Residential	87,716,106	13,088,707	0.1492	8,343	8,523
		E-9	1,206,687	196,883	0.1632	507	504
2		A-10-H	2,357,459	300,260	0.1274	230	228
4	442.000	B-9 Commercial	18,760,873	2,971,079	0.1584	897	906
5		C-7	80,271,411	10,322,342	0.1286	141	142
6	444.000	Street Lighting	693,193	111,500	0.1608	1	1
7		M-7	10,133,864	1,343,747	0.1326	75	73
8	445.000	S-4 Outdoor Lighting	492,641	90,380	0.1835	120	122
9	1 101000	S r Gatagor Lighting	102,011	00,000	0.1000	120	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
20							
		LES TO ULTIMATE					
	CONSUME	ERS (page 37 Line 11)	201,632,234	28,424,898	0.1410	10,314	10,499

# Annual Report of the Town of Hingham ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Enter in the space proved the operation and maintenance expenses for the year
 If the increases and decreases are not derived from previously reported figures, e

Line   No.   Account   (a)	
POWER PRODUCTION EXPENSES   STEAM POWER GENERATION   Operation:	e) from
STEAM POWER GENERATION   Operation:	
3	ļ
4   500 Operation supervision and engineering   0   501 Fuel   0   6   502 Steam Expenses   0   0   6   502 Steam Expenses   0   0   0   0   0   0   0   0   0	ļ
5         501 Fuel         0           6         502 Steam Expenses         0           7         503 Steam from other sources         0           8         504 Steam transferred Cr.         0           9         505 Electric expenses         0           10         506 Miscellaneous steam power expenses         0           10         507 Rents         0           12         Total Operation         0           13         Maintenance:         0           14         510 Maintenance supervision and engineering         0           15         511 Maintenance of Structures         0           16         512 Maintenance of boiler plant         0           17         513 Maintenance of miscellaneous steam plant         0           19         Total Maintenance         0           20         Total Maintenance         0           21         Maintenance         0           22         Total Dower production expenses -steam power         0           21         NUCLEAR POWER GENERATION         0           22         Operation:         0           23         517 Operation supervision and engineering         0           24	ļ
6         502 Steam Expenses         0           7         503 Steam from other sources         0           8         504 Steam transferred Cr.         0           9         505 Electric expenses         0           10         506 Miscellaneous steam power expenses         0           11         507 Rents         0           12         Total Operation         0           Maintenance:         0           14         510 Maintenance supervision and engineering         0           15         511 Maintenance of Structures         0           16         512 Maintenance of beletric plant         0           17         513 Maintenance of electric plant         0           18         514 Maintenance of miscellaneous steam plant         0           19         Total power production expenses - steam power         0           20         Total power production expenses - steam power         0           21         NUCLEAR POWER GENERATION         0           22         Total power production expenses - steam power         0           23         517 Operation supervision and engineering         0           25         519 Coolants and water         0           26         520 Steam	0
7   503   Steam from other sources   0   504   Steam transferred Cr.   0   505   Electric expenses   0   0   506   Miscellaneous steam power expenses   0   0   506   Miscellaneous steam power expenses   0   0   11   507   Rents   0   0   12   Total Operation   Maintenance:	0
8         504 Steam transferred - Cr.         0           9         505 Electric expenses         0           10         506 Miscellaneous steam power expenses         0           11         507 Rents         0           12         Total Operation         0           13         Maintenance:         0           14         510 Maintenance supervision and engineering         0           15         511 Maintenance of Structures         0           16         512 Maintenance of belectric plant         0           17         513 Maintenance of belectric plant         0           18         514 Maintenance of miscellaneous steam plant         0           19         Total Maintenance         0           20         Total Maintenance         0           21         NUCLEAR POWER GENERATION         0           22         Total power production expenses -steam power         0           23         517 Operation supervision and engineering         0           24         518 Fuel         0           25         519 Coolants and water         0           26         520 Steam Expenses         0           27         521 Steam from other sources         0	0
Sob   Selectric expenses   0   506 Miscellaneous steam power expenses   0   507 Ments   0   507 Ments   0   507 Ments   70tal Operation   0   507 Maintenance:   510 Maintenance supervision and engineering   0   511 Maintenance of Structures   0   512 Maintenance of boiler plant   0   512 Maintenance of boiler plant   0   513 Maintenance of electric plant   0   514 Maintenance of miscellaneous steam plant   0   514 Maintenance of miscellaneous steam plant   0   514 Maintenance   0   515 Mointenance   0   516 Mointenance   0   517 Otal power production expenses -steam power   0   518 Fuel   0   519 Coolants and water   0   520 Steam Expenses   0   520 Steam Expenses   0   521 Steam from other sources   0   522 Steam transferred Cr.   0   523 Electric expenses   0   524 Miscellaneous nuclear power expenses   0   524 Miscellaneous nuclear power expenses   0   529 Maintenance   0   529 Maintenance of Structures   0   520 Maintenance   0   520	0
10	0
11	0
Total Operation   Maintenance:	0
13         Maintenance:           14         510 Maintenance supervision and engineering         0           15         511 Maintenance of Structures         0           16         512 Maintenance of boiler plant         0           17         513 Maintenance of electric plant         0           18         514 Maintenance of miscellaneous steam plant         0           19         Total Maintenance         0           20         Total power production expenses -steam power         0           21         NUCLEAR POWER GENERATION           22         Total power production expenses -steam power         0           21         NUCLEAR POWER GENERATION           22         Total power production and engineering         0           24         518 Fuel         0           25         519 Coolants and water         0           20	0
14       510 Maintenance supervision and engineering       0         511 Maintenance of Structures       0         512 Maintenance of boiler plant       0         17 513 Maintenance of electric plant       0         18 514 Maintenance of miscellaneous steam plant       0         19 Total Maintenance       0         20 Total power production expenses -steam power       0         21 NUCLEAR POWER GENERATION       0         22 Operation:       0         23 517 Operation supervision and engineering       0         24 518 Fuel       0         25 519 Coolants and water       0         26 520 Steam Expenses       0         27 521 Steam from other sources       0         28 522 Steam transferred Cr.       0         29 523 Electric expenses       0         30 524 Miscellaneous nuclear power expenses       0         31 525 Rents       0         32 Total Operation       0         33 Maintenance supervision and engineering       0         34 529 Maintenance supervision and engineering       0         35 529 Maintenance of Structures       0         36 530 Maintenance of electric plant       0         37 531 Maintenance of miscellaneous nuclear plant       0	0
15       511 Maintenance of Structures       0         16       512 Maintenance of boiler plant       0         513 Maintenance of electric plant       0         514 Maintenance of miscellaneous steam plant       0         Total Maintenance       0         Total power production expenses -steam power       0         NUCLEAR POWER GENERATION       0         Operation:       0         23       517 Operation supervision and engineering       0         24       518 Fuel       0         25       519 Coolants and water       0         26       520 Steam Expenses       0         27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance supervision and engineering       0         34       528 Maintenance of Structures       0         35       529 Maintenance of reactor plant       0         36       530 Maintenance of electric plant       0 <tr< td=""><td></td></tr<>	
16         512 Maintenance of boiler plant         0           17         513 Maintenance of electric plant         0           514 Maintenance of miscellaneous steam plant         0           19         Total Maintenance         0           20         Total power production expenses -steam power         0           21         NUCLEAR POWER GENERATION         0           22         Depration:         0           23         517 Operation supervision and engineering         0           24         518 Fuel         0           25         519 Coolants and water         0           26         520 Steam Expenses         0           27         521 Steam from other sources         0           28         522 Steam transferred Cr.         0           29         523 Electric expenses         0           30         524 Miscellaneous nuclear power expenses         0           31         525 Rents         0           32         Total Operation         0           33         Maintenance supervision and engineering         0           34         528 Maintenance of Structures         0           35         529 Maintenance of electric plant         0	0
17       513 Maintenance of electric plant       0         18       514 Maintenance of miscellaneous steam plant       0         20       Total Maintenance       0         21       Total power production expenses -steam power       0         21       NUCLEAR POWER GENERATION       0         22       Operation:       0         23       517 Operation supervision and engineering       0         24       518 Fuel       0         25       519 Coolants and water       0         26       519 Coolants and water       0         27       521 Steam Expenses       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance supervision and engineering       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of reactor plant       0         36       530 Maintenance of reactor plant       0         531 Maintenance of miscellaneous nuclear plant       0	0
18         514 Maintenance of miscellaneous steam plant         0           19         Total Maintenance         0           20         Total power production expenses -steam power         0           21         NUCLEAR POWER GENERATION         0           Operation:         517 Operation supervision and engineering         0           24         518 Fuel         0           25         519 Coolants and water         0           26         520 Steam Expenses         0           27         521 Steam from other sources         0           28         522 Steam transferred Cr.         0           29         523 Electric expenses         0           30         524 Miscellaneous nuclear power expenses         0           31         525 Rents         0           32         Total Operation         0           33         Maintenance:         0           34         528 Maintenance supervision and engineering         0           35         529 Maintenance of Structures         0           530 Maintenance of reactor plant         0           531 Maintenance of miscellaneous nuclear plant         0           532 Maintenance of miscellaneous nuclear plant         0	0
Total Maintenance	0
Total power production expenses -steam power   NUCLEAR POWER GENERATION	0
21         NUCLEAR POWER GENERATION           22         Operation:           23         517 Operation supervision and engineering           24         518 Fuel           25         519 Coolants and water           26         520 Steam Expenses           521 Steam from other sources         0           27         521 Steam from other sources           28         522 Steam transferred Cr.           29         523 Electric expenses           30         524 Miscellaneous nuclear power expenses           31         525 Rents           32         Total Operation           33         Maintenance:           34         528 Maintenance supervision and engineering           35         529 Maintenance of Structures           36         530 Maintenance of reactor plant           37         531 Maintenance of electric plant           38         532 Maintenance of miscellaneous nuclear plant           39         Total Maintenance           Total power production expenses -nuclear power	0
22         Operation:           23         517 Operation supervision and engineering         0           24         518 Fuel         0           25         519 Coolants and water         0           26         520 Steam Expenses         0           27         521 Steam from other sources         0           28         522 Steam transferred Cr.         0           29         523 Electric expenses         0           30         524 Miscellaneous nuclear power expenses         0           31         525 Rents         0           32         Total Operation         0           Maintenance:         0           34         528 Maintenance supervision and engineering         0           35         529 Maintenance of Structures         0           36         530 Maintenance of reactor plant         0           37         531 Maintenance of electric plant         0           39         Maintenance of miscellaneous nuclear plant         0           39         Total Maintenance         0           40         Total power production expenses -nuclear power         0	0
23       517 Operation supervision and engineering       0         24       518 Fuel       0         25       519 Coolants and water       0         26       520 Steam Expenses       0         27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Fractor plant       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	
24       518 Fuel       0         25       519 Coolants and water       0         26       520 Steam Expenses       0         27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	
24       518 Fuel       0         25       519 Coolants and water       0         26       520 Steam Expenses       0         27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
26       520 Steam Expenses       0         27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
27       521 Steam from other sources       0         28       522 Steam transferred Cr.       0         29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
29       523 Electric expenses       0         30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
30       524 Miscellaneous nuclear power expenses       0         31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
31       525 Rents       0         32       Total Operation       0         33       Maintenance:       0         34       528 Maintenance supervision and engineering       0         35       529 Maintenance of Structures       0         36       530 Maintenance of reactor plant       0         37       531 Maintenance of electric plant       0         38       532 Maintenance of miscellaneous nuclear plant       0         39       Total Maintenance       0         40       Total power production expenses -nuclear power       0	0
Total Operation Maintenance:  Maintenance supervision and engineering  528 Maintenance supervision and engineering  529 Maintenance of Structures  530 Maintenance of reactor plant  531 Maintenance of electric plant  532 Maintenance of miscellaneous nuclear plant  Total Maintenance  Total power production expenses -nuclear power  0	0
Maintenance:  34	0
34528 Maintenance supervision and engineering035529 Maintenance of Structures036530 Maintenance of reactor plant037531 Maintenance of electric plant038532 Maintenance of miscellaneous nuclear plant039Total Maintenance040Total power production expenses -nuclear power0	0
35529 Maintenance of Structures036530 Maintenance of reactor plant037531 Maintenance of electric plant038532 Maintenance of miscellaneous nuclear plant039Total Maintenance040Total power production expenses -nuclear power0	
36530 Maintenance of reactor plant037531 Maintenance of electric plant038532 Maintenance of miscellaneous nuclear plant039Total Maintenance040Total power production expenses -nuclear power0	0
37531 Maintenance of electric plant038532 Maintenance of miscellaneous nuclear plant039Total Maintenance040Total power production expenses -nuclear power0	0
38532 Maintenance of miscellaneous nuclear plant039Total Maintenance040Total power production expenses -nuclear power0	0
Total Maintenance 0 Total power production expenses -nuclear power 0	0
40 Total power production expenses -nuclear power 0	0
	0
44 LIVERALLIC BOWER CENERATION	0
41 HYDRAULIC POWER GENERATION	
42 Operation:	ļ
43 535 Operation supervision and engineering 0	0
44 536 Water for power 0	0
45 537 Hydraulic expenses 0	0
46 538 Electric expenses 0	0
47 539 Miscellaneous hydraulic power generation expenses 0	0
48 540 Rents 0	0
49 Total Operation 0	0

Annua	I Report of the Town of Hingham Year Er	nded December 31, 2018	Page 40
	ELECTRIC OPERATION AND MAINTENANCE EXPENSES - C	ontinued	
			Increase or
1:00	Aggregation	Amount for Voor	
Line	Account	Amount for Year	(Decrease) from
No.	(a)	(b)	Preceding Year
			(c)
1	HYDRAULIC POWER GENERATION - Continued		` '
2	Maintenance:		
			0
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering	0	0
13	547 Fuel	0	0
14	548 Generation Expenses		
		0	0
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures		0
1		0	
21	553 Maintenance of generating and electric plant	0	0
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	OTHER POWER SUPPLY EXPENSES		
	555 Purchased power	17 222 000	2 077 027
26		17,233,989	3,877,037
27	556 System control and load dispatching	0	0
28	557 Other expenses	526,529	57,894
29	Total other power supply expenses	17,760,518	3,934,931
30	Total power production expenses	17,760,518	3,934,931
31	TRANSMISSION EXPENSES	, ,	, ,
32	Operation:		
	•		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	66,014	51,667
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	3,846,060	(373,211)
			(3/3,211)
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	3,912,074	(321,544)
42	Maintenance:		
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	0	0
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	0	0
48	573 Maintenance of miscellaneous transmission plant	0	(1,350)
49	Total maintenance	0	(1,350)
50		3,912,074	(322,894)
30	Total transmission expenses	3,912,074	(322,694)

Increase or   Cocrease)   Increase or   Increa	Annua	Il Report of the Town of Hingham  ELECTRIC OPERATION AND MAINTENANCE EXPENSE	ear Ended December 31, 2018	Page 41
DISTRIBUTION EXPENSES   20		Account	Amount for Year	(Decrease) from Preceding Year
2				(c)
3 580 Operation supervision and engineering         346,650         26,531           581 Load dispatching (Operation Labor)         247,071         (15,678)           582 Station expenses         15,325         (7,713)           583 Underground line expenses         25,551         8,910           584 Underground line expenses         9,276         6,314           585 Street lighting and signal system expenses         8,429         (677)           586 Meet expenses         9,639         (30)           587 Customer installations expenses         9,639         (30)           588 Rents         0         66,936         19,318           589 Rents         0         0         0           589 Maintenance:         0         0         0           591 Maintenance of structures         0         0         0           591 Maintenance of structures         0         0         0           592 Maintenance of overhead lines         996,998         467,331           593 Maintenance of overhead lines         996,998         467,331           594 Maintenance of initeransformers         0         0         0           595 Maintenance of overhead lines         90,800         41,959         0           595 Maintenanc				
4   581 Load dispatching (Operation Labor)         247,071         (15,678)           5   582 Station expenses         15,325         (7,713)           6   583 Overhead line expenses         25,551         8,910           7   584 Underground line expenses         9,276         6,314           8   585 Street lighting and signal system expenses         124,258         (679)           9   587 Customer installations expenses         9,639         (30)           10   587 Customer installations expenses         66,936         19,318           588 Miscellaneous distribution expenses         66,936         19,318           589 Rents         0         0           10   701 operation         853,135         19,272           4   Maintenance of structures         0         0           591 Maintenance of structures         0         0           592 Maintenance of structures         96,998         467,331           593 Maintenance of structures         9         90,998         467,331           595 Maintenance of structures         9         9,998         467,331           595 Maintenance of structures         9         0         0           595 Maintenance of tine transformers         8,729         1,632           597 Maintenance of meters <td></td> <td></td> <td>246.050</td> <td>00 504</td>			246.050	00 504
5 582 Station expenses         15,325         (7,713)           6 832 Overhead line expenses         25,551         8,910           7 584 Underground line expenses         9,276         6,314           8 585 Street lighting and signal system expenses         124,258         (679)           10 586 Miscellaneous distribution expenses         9,639         (30)           15 587 Customer installations expenses         9,639         (30)           15 588 Miscellaneous distribution expenses         9,639         (30)           15 589 Rents         0         0           590 Maintenance:         0         0           591 Maintenance of structures         0         0           592 Maintenance of structures         0         0           593 Maintenance of structures         0         0           594 Maintenance of or overhead lines         996,99         467,331           595 Maintenance of inte transformers         8,729         1,632           595 Maintenance of miscellaneous distribution plant         0         0           20 595 Maintenance of miscellaneous distribution plant         0         0           20 595 Maintenance of miscellaneous distribution plant         0         0           20 596 Maintenance of miscellaneous distribution plant         0			· ·	
6         583 Overhead line expenses         25,551         8,910           564 Underground line expenses         9,276         6,314           585 Street lighting and signal system expenses         124,258         (679)           587 Customer installations expenses         9,639         (30)           10 S87 Customer installations expenses         66,936         19,318           588 Miscellaneous distribution expenses         66,936         19,318           589 Rents         0         0           10 Total operation         853,135         19,272           4 Maintenance supervision and engineering         3,250         3,032           590 Maintenance structures         0         0         0           691 Maintenance of structures         0         0         0           592 Maintenance of structures         9         96,998         467,331           594 Maintenance of underground lines         90,809         467,331           595 Maintenance of ine transformers         8,729         1,632           597 Maintenance of meters         0         0         0           598 Maintenance of miscellaneous distribution plant         0         0         0           40 Total mistenance of miscellaneous distribution plant         0         0<			· · · · · · · · · · · · · · · · · · ·	, ,
7         584 Underground line expenses         9,276         6,314           8         585 Exreet lighting and signal system expenses         124,258         (679)           10         586 Meter expenses         9,639         (30)           11         588 Miscellaneous distribution expenses         69,336         19,318           25         589 Rents         0         0           3         70 Total operation         853,135         19,272           4         Maintenance:         0         0           590 Maintenance of structures         0         0         0           591 Maintenance of voverhead lines         996,998         467,331           592 Maintenance of voverhead lines         996,998         467,331           593 Maintenance of voverhead lines         996,998         467,331           594 Maintenance of voverhead lines         996,998         467,331           595 Maintenance of voverhead lines         9,000         41,959           597 Maintenance of voverhead lines         9,000	1 1		· · · · · · · · · · · · · · · · · · ·	
8         585 Street lighting and signal system expenses         8,429         (17,701)           10         586 Meter expenses         124,258         (679)           10         587 Customer installations expenses         66,936         19,318           588 Miscellaneous distribution expenses         66,936         19,318           588 Rents         0         0           10         Total operation         853,136         19,272           Maintenance:         32,250         3,032           15         590 Maintenance of structures         0         0         0           591 Maintenance of station equipment         0         0         0         0           592 Maintenance of station equipment         0         0         0         0           593 Maintenance of station equipment         0         0         0         0         0           593 Maintenance of station equipment         0	I I			
9         586 Meter expenses         (679)           0         587 Customer installations expenses         9,639         (30)           10         587 Customer installations expenses         6,936         19,318           25 589 Rents         0         358 Ments         0           5590 Maintenance:         3,250         3,032           15 590 Maintenance supervision and engineering         3,250         3,032           6 591 Maintenance of structures         0         0         0           592 Maintenance of structures         0         0         0           593 Maintenance of verhead lines         996,998         467,331           594 Maintenance of underground lines         0         0         0           595 Maintenance of ine transformers         8,729         1,632           595 Maintenance of the transformers         8,729         1,632           596 Maintenance of meters         0         0         0           595 Maintenance of meters         0         0         0           597 Maintenance of meters         0         0         0           598 Maintenance of street lighting and signal systems         90,800         41,952           597 Maintenance of meters         0         0 <td< td=""><td>1 1</td><td></td><td>· ·</td><td></td></td<>	1 1		· ·	
10	I I		· · · · · · · · · · · · · · · · · · ·	, ,
11   588 Miscellaneous distribution expenses   66,936   19,318   589 Rents   0   0   Total operation   853,135   19,272   Maintenance:	I I		· ·	
12   589 Rents				
Maintenance:	12			0
15         590 Maintenance supervision and engineering         3,250         3,032           16         591 Maintenance of structures         0         0           7         592 Maintenance of structures         0         0           19         593 Maintenance of overhead lines         996,998         467,331           19         594 Maintenance of line transformers         8,729         1,632           21         595 Maintenance of street lighting and signal systems         90,800         41,959           25         597 Maintenance of meters         0         0         0           23         598 Maintenance of miscellaneous distribution plant         0         0         0           24         Total distribution expenses         1,952,912         533,226           25         Total distribution expenses         1,952,912         533,226           26         CUSTOMER ACCOUNTS EXPENSES         1,952,912         533,226           27         Operation:         0         0         0           30         30 Customer records and collection expenses         84,616         (21,272)           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses	13	Total operation	853,135	19,272
16         591 Maintenance of structures         0         0           17         592 Maintenance of station equipment         0         0           18         593 Maintenance of overhead lines         996,998         467,331           19         594 Maintenance of overhead lines         0         0           0         595 Maintenance of line transformers         8,729         1,632           21         596 Maintenance of street lighting and signal systems         90,800         41,959           25         597 Maintenance of miscellaneous distribution plant         0         0         0           24         598 Maintenance of miscellaneous distribution plant         0         0         0         0           25         597 Maintenance of miscellaneous distribution plant         0         0         0         0           24         Total distribution expenses         1,992,777         513,954         2         52         CUSTOMER ACCOUNTS EXPENSES         0	14			
17         592 Maintenance of station equipment         0         0           18         593 Maintenance of overhead lines         96,998         467,331           19         594 Maintenance of underground lines         0         0           20         595 Maintenance of line transformers         8,729         1,632           21         596 Maintenance of ineters         0         0           25         597 Maintenance of miscellaneous distribution plant         0         0           28         598 Maintenance of miscellaneous distribution plant         0         0           44         Total maintenance         1,099,777         513,954           55         Total distribution expenses         1,952,912         533,226           6         CUSTOMER ACCOUNTS EXPENSES         0         0           7         Operation:         901         Supervision         0         0           8         901 Supervision         0         0         0           902 Meter reading expenses         84,616         (21,272)         0           903 Supervision         90 Uncollectible accounts         3,389         (26,317)           30         904 Uncollectible accounts expenses         995,462         4,151	15	590 Maintenance supervision and engineering	3,250	3,032
18         593 Maintenance of overhead lines         996,998         467,331           19         594 Maintenance of underground lines         0         0           0         595 Maintenance of ine transformers         8,729         1,632           21         596 Maintenance of street lighting and signal systems         90,800         41,959           25         597 Maintenance of miscellaneous distribution plant         0         0           24         Total maintenance of miscellaneous distribution plant         0         0           25         Total distribution expenses         1,952,912         533,226           26         CUSTOMER ACCOUNTS EXPENSES         0         0           27         Operation:         0         0           28         901 Supervision         0         0           902 Meter reading expenses         84,616         (21,272)           903 Customer records and collection expenses         907,457         51,740           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses         995,462         4,151           34         SALES EXPENSES         0         0           Operation:         0         0	16	591 Maintenance of structures	0	0
19         594 Maintenance of underground lines         0         0           20         595 Maintenance of line transformers         8,729         1,632           21         596 Maintenance of street lighting and signal systems         90,800         41,959           597 Maintenance of meters         0         0         0           598 Maintenance of miscellaneous distribution plant         0         0         0           704 Maintenance         1,099,777         513,954         513,954           25 Total distribution expenses         1,952,912         533,226           CUSTOMER ACCOUNTS EXPENSES         0         0         0           Operation:         901 Supervision         0         0         0           99 902 Meter reading expenses         84,616         (21,272)         393         (26,317)         31,389         (26,317)           30 903 Customer records and collection expenses         907,457         51,740         31         904 Uncollectible accounts         3,389         (26,317)           31 903 Miscellaneous customer accounts expenses         995,462         4,151           34 SALES EXPENSES         995,462         4,151           35 Operation:         912 Demonstrating and selling expenses         0         0			-	-
20	1 1		996,998	467,331
21         596 Maintenance of street lighting and signal systems         90,800         41,959           22         597 Maintenance of meters         0         0           23         598 Maintenance of miscellaneous distribution plant         0         0           24         Total maintenance         1,099,777         513,954           25         Total distribution expenses         1,952,912         533,226           26         CUSTOMER ACCOUNTS EXPENSES         0         0         0           27         Operation:         0         0         0         0           29         902 Meter reading expenses         84,616         (21,272)         0         0         0         0           30         903 Customer records and collection expenses         907,457         51,740         0				· ·
22         597 Maintenance of meters         0         0           23         598 Maintenance of miscellaneous distribution plant         0         0           24         Total maintenance         1,099,777         513,954           25         Total distribution expenses         1,952,912         533,226           26         CUSTOMER ACCOUNTS EXPENSES         0         0           27         Operation:         0         0         0           28         901 Supervision         0         0         0           29         902 Meter reading expenses         907,415         51,740         31         904 Uncollectible accounts         3,389         (26,317)         32         905 Miscellaneous customer accounts expenses         90         1         1,151         3         2         2         4,151         3			· · · · · · · · · · · · · · · · · · ·	
23         598 Maintenance of miscellaneous distribution plant         0         0           24         Total distribution expenses         1,099,777         513,954           25         Total distribution expenses         1,952,912         533,226           26         CUSTOMER ACCOUNTS EXPENSES	I I			
24         Total maintenance         1,099,777         513,954           25         Total distribution expenses         1,952,912         533,226           26         CUSTOMER ACCOUNTS EXPENSES         0         0         0           27         Operation:         0         0         0           29         901 Supervision         0         0         0           29         902 Meter reading expenses         907,457         51,740           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses         0         0           33         Total customer accounts expenses         995,462         4,151           34         SALES EXPENSES         995,462         4,151           34         SALES EXPENSES         0         0           35         Operation:         0         0         0           36         911 Supervision         0         0         0           39         916 Miscellaneous sales expenses         0         0         0           40         913 Advertising expenses         0         0         0           40         Total sales expenses         0 <td>I I</td> <td></td> <td></td> <td>1</td>	I I			1
Total distribution expenses		·		-
26         CUSTOMER ACCOUNTS EXPENSES         0         0           27         Operation:         0         0         0           28         901 Supervision         0         0         0           29         902 Meter reading expenses         84,616         (21,272)           30         903 Customer records and collection expenses         907,457         51,740           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses         0         0           33         Total customer accounts expenses         995,462         4,151           34         SALES EXPENSES         995,462         4,151           35         Operation:         0         0           36         911 Supervision         0         0         0           37         912 Demonstrating and selling expenses         0         0         0           39         916 Miscellaneous sales expenses         0         0         0           40         Total sales expenses         0         0         0           42         Operation:         0         0         0           43         920 Administrative and genera	1 1			
27         Operation:         0         0         0           28         901 Supervision         0         0         0           29         902 Meter reading expenses         84,616         (21,272)           30         903 Customer records and collection expenses         907,457         51,740           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses         0         0           33         Total customer accounts expenses         995,462         4,151           34         SALES EXPENSES         995,462         4,151           35         Operation:         0         0           36         911 Supervision         0         0         0           37         912 Demonstrating and selling expenses         0         0         0           39         913 Advertising expenses         0         0         0           40         Miscellaneous sales expenses         0         0         0           40         Total sales expenses         0         0         0           41         ADMINISTRATIVE AND GENERAL EXPENSES         0         0         0           42			1,952,912	533,226
28         901 Supervision         0         0           29         902 Meter reading expenses         84,616         (21,272)           30         903 Customer records and collection expenses         907,457         51,740           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses         0         0           33         Total customer accounts expenses         995,462         4,151           34         SALES EXPENSES         995,462         4,151           35         Operation:         0         0           36         911 Supervision         0         0         0           36         912 Demonstrating and selling expenses         0         0         0           39         916 Miscellaneous sales expenses         0         0         0           40         Total sales expenses         0         0         0           40         Administrative and General salaries         263,290         87,964           42         Operation:         263,290         87,964           43         922 Administrative and general salaries         263,290         87,964           44         921 Office supp				
29       902 Meter reading expenses       84,616       (21,272)         30       903 Customer records and collection expenses       907,457       51,740         31       904 Uncollectible accounts       3,389       (26,317)         32       905 Miscellaneous customer accounts expenses       0       0       0         33       Total customer accounts expenses       995,462       4,151         34       SALES EXPENSES       995,462       4,151         35       Operation:       0       0         36       911 Supervision       0       0         37       912 Demonstrating and selling expenses       0       0         40       913 Advertising expenses       0       0         40       Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       263,290       87,964         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0				0
30         903 Customer records and collection expenses         907,457         51,740           31         904 Uncollectible accounts         3,389         (26,317)           32         905 Miscellaneous customer accounts expenses         0         0           33         Total customer accounts expenses         995,462         4,151           34         SALES EXPENSES         995,462         4,151           35         Operation:         0         0           36         911 Supervision         0         0           37         912 Demonstrating and selling expenses         0         0           39         916 Miscellaneous sales expenses         0         0           40         Total sales expenses         0         0           40         Total sales expenses         0         0           41         ADMINISTRATIVE AND GENERAL EXPENSES         0         0           42         Operation:         263,290         87,964           43         920 Administrative and general salaries         263,290         87,964           44         921 Office supplies and expenses         30,633         5,094           45         922 Administrative expenses transferred - Cr         0         0	I I			_
31       904 Uncollectible accounts       3,389       (26,317)         32       905 Miscellaneous customer accounts expenses       0       0         33       Total customer accounts expenses       995,462       4,151         34       SALES EXPENSES       995,462       4,151         35       Operation:       0       0         36       911 Supervision       0       0         37       912 Demonstrating and selling expenses       0       0         39       916 Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       263,290       87,964         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860	I I		· ·	, ,
32       905 Miscellaneous customer accounts expenses       0       0         33       Total customer accounts expenses       995,462       4,151         34       SALES EXPENSES       0       0         35       Operation:       0       0         36       911 Supervision       0       0         37       912 Demonstrating and selling expenses       0       0         38       913 Advertising expenses       0       0         39       916 Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       0       0         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0       0         49	I I	·	· · · · · · · · · · · · · · · · · · ·	
Total customer accounts expenses   995,462   4,151	I I			
34         SALES EXPENSES           35         Operation:           36         911 Supervision         0           37         912 Demonstrating and selling expenses         0           38         913 Advertising expenses         0           40         Total sales expenses         0           40         Total sales expenses         0           41         ADMINISTRATIVE AND GENERAL EXPENSES           42         Operation:           43         920 Administrative and general salaries         263,290         87,964           44         921 Office supplies and expenses         30,633         5,094           45         922 Administrative expenses transferred - Cr         0         0           46         923 Outside services employed         208,324         (44,798)           47         924 Property insurance         194,112         1,860           49         925 Injuries and damages         0         0           49         926 Employee pensions and benefits         1,501,054         157,733           50         928 Regulatory commission expenses         0         0           51         929 Store Expense         0         0           62         930 Miscellaneous gene	I I	•		
35         Operation:         0         0           36         911 Supervision         0         0           37         912 Demonstrating and selling expenses         0         0           38         913 Advertising expenses         0         0           39         916 Miscellaneous sales expenses         0         0           40         Total sales expenses         0         0           41         ADMINISTRATIVE AND GENERAL EXPENSES         0         0           42         Operation:         0         0           43         920 Administrative and general salaries         263,290         87,964           44         921 Office supplies and expenses         30,633         5,094           45         922 Administrative expenses transferred - Cr         0         0           46         923 Outside services employed         208,324         (44,798)           47         924 Property insurance         194,112         1,860           48         925 Injuries and damages         0         0           49         926 Employee pensions and benefits         1,501,054         157,733           50         928 Regulatory commission expenses         0         0           51 </td <td></td> <td>·</td> <td>333, :32</td> <td>.,</td>		·	333, :32	.,
36       911 Supervision       0       0         37       912 Demonstrating and selling expenses       0       0         38       913 Advertising expenses       0       0         39       916 Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       0       0         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)				
37       912 Demonstrating and selling expenses       0       0         38       913 Advertising expenses       0       0         39       916 Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       263,290       87,964         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         49       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0 <td>1 1</td> <td></td> <td>0</td> <td>0</td>	1 1		0	0
38       913 Advertising expenses       0       0         39       916 Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       263,290       87,964         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	I I	912 Demonstrating and selling expenses	0	0
39       916 Miscellaneous sales expenses       0       0         40       Total sales expenses       0       0         41       ADMINISTRATIVE AND GENERAL EXPENSES       0       0         42       Operation:       263,290       87,964         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0				0
41       ADMINISTRATIVE AND GENERAL EXPENSES         42       Operation:         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	39	916 Miscellaneous sales expenses	0	0
42       Operation:       263,290       87,964         43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	40		0	0
43       920 Administrative and general salaries       263,290       87,964         44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	41	ADMINISTRATIVE AND GENERAL EXPENSES		
44       921 Office supplies and expenses       30,633       5,094         45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	I I	Operation:		
45       922 Administrative expenses transferred - Cr       0       0         46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	I I		· · · · · · · · · · · · · · · · · · ·	· ·
46       923 Outside services employed       208,324       (44,798)         47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	I I			5,094
47       924 Property insurance       194,112       1,860         48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0	1 1			· ·
48       925 Injuries and damages       0       0         49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0		• •	· · · · · · · · · · · · · · · · · · ·	, ,
49       926 Employee pensions and benefits       1,501,054       157,733         50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0				
50       928 Regulatory commission expenses       0       0         51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0				· ·
51       929 Store Expense       0       0         52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0				_
52       930 Miscellaneous general expenses       81,310       (14,607)         53       931 Rents       0       0				Ī .
53 931 Rents 0 0	1 1			-
	1 1		_	(14,007)
				103 246

	ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued									
		Amount	Increase or							
Line	Account	for Year	(Decrease) from							
No.	No. (a)		Preceding Year							
			(c)							
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.									
2	Maintenance:									
3	932 Maintenance of general plant	89,515	(65,826)							
4	933 Transportation	66,790	3,060							
5	Total administrative and general expenses	2,435,028	130,480							
6	Total Electric Operation and Maintenance Expenses	27,055,994	4,279,894							

### SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Functional Classification	Operation	Maintenance	Total
No.	(a)	(b)	(c)	(d)
7	Power Production Expenses			
8	Electric Generation:			
9	Steam Power:			
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power			
13	Other Power Supply Expenses	17,760,518	0	17,760,518
14	Total power production expenses	17,760,518	0	17,760,518
15	Transmission Expenses	3,912,074	0	3,912,074
16	Distribution Expenses	853,135	1,099,777	1,952,912
17	Customer Accounts Expenses	995,462	0	995,462
18	Sales Expenses	0	0	0
19	Administrative and General Expenses	2,278,723	156,305	2,435,028
20	Total Electric Operation and			
21	Maintenance Expenses	25,799,912	1,256,082	27,055,994

21 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)

100.72%

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

3,237,724

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

28

- 1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
- 2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts

#### TAXES CHARGED DURING THE YEAR

- 3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.
- 4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.
- For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
- Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

designat	ed whether estimated or actual amounts	1	tne appropriate balance	sneet plant account or si	ubaccount.		of such taxes to the taxi	ng authority.	T
		Total Taxes							
		Charged							
Line	Kind of Tax	During Year	Electric	Gas					
No.	(a)	(omit cents)	Acct 408,409	Acct 408,409					
INO.	(a)				(a)	(5)	(a)	(h)	(:)
<u> </u>		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1									
2									
4									
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6 7									
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26									
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30									
31									
31									
32 33									
33	TOTALS								

	OTHER UTILITY OPERATING INCOME (Account 414) Report below the particulars called for in each column									
	Report below the	particulars called f	or in each column							
		Amazunt of	A	Amount	Gain or					
Line	Property	Amount of Investment	Amount of Department	of Operating	(Loss) from Operation					
No.	(a)	(b)	(c)	Expenses (d)	(e)					
1	(α)	(6)	(0)	(α)	(0)					
3										
4 5 6 7										
6										
7										
8 9										
10										
11										
12										
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46 47										
47										
49										
50										
51	TOTALS									

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

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

	and contract work during the year.								
		Electric	Gas	Other Utility					
Line	Item	Department	Department	Department	Total				
No.	(a)	(b)	(c)	(d)	(e)				
	Revenues:	(-)	(-)	(-)	(-)				
2	Merchandise sales, less discounts,								
3									
	Contract work								
4									
5	Commissions								
6	Other (list according to major classes)								
7									
8									
9									
10	Total Revenues								
11									
12									
	Costs and Expenses:								
14									
15									
	Jobbing/Contract Costs								
	Materials								
	Outside Service Labor								
19									
20									
21									
22									
23									
24									
25									
26	Sales Expenses								
27	Customer accounts expenses								
	Administrative and general expenses								
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48									
49									
50	TOTAL COSTS AND EXPENSES								
51	Net Profit (or loss)								

#### SALES FOR RESALE (Account 447)

- Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.
- Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities,
   R.E.A. Cooperatives, and (5) Other Public Authorities.
   For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G,
- and place and "x" in column (c) if sale involves export across a state line.
- 3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).
- 4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

			Export			Kw or	Kva of Dema	
Line No.	Sales to: (a)	Statistical Classification (b)	Across State Line (c)	Point of Delivery	Sub Station (e)	Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	Installed Capability	FP	X-7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N=7	X-7	(3)	V. V
2								
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39	* Winter period contract den	l nand						
	winter period contract den	nana.						

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#### SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer 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 (i) type of demand reading (instantaneous, 15, 30, or 60 minutes

integrated).

- 6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.
- 7. Explain any amounts entered in column (n) such as fuel or other adjustments.
- 8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Revenue (Omit Cents)  Type of Voltage							Revenue per kwh	
Demand Reading (i)	at Which Delivered (j)	Kilowatt- Hours (k)	Capacity Charges (I)	Energy Charges (m)	Other Charges (n)	Total (o)	(CENTS) (0.0000)	
	(1)	(k) 0	(t) O	(m)	(n)	(o) 0	(p) N/A	
	TOTALS:	0	0	0		0		

# PURCHASED POWER (Account 555) (EXCEPT INTERCHANGE POWER)

- 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 purchases 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).

						Kw or Kva of Dema		
Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	New York Power Authority	FP	X	SUBSTATIONS	RS	1425		
2	Stonybrook Peaking	0		SUBSTATIONS	RS	9060		
3	Stonybrook Intermediate	0		SUBSTATIONS	RS	13657		
4	Nuclear Mix 1(Seabrook)	0	Х	SUBSTATIONS	RS	61		
5	Nuclear Project 3 (Millstone)	0	Х	SUBSTATIONS	RS	526		
6	Nuclear Project 4 (Seabrook)	0	X	SUBSTATIONS	RS	1703		
7	Nuclear Project 5 (Seabrook)	0	Х	SUBSTATIONS	RS	210		
8	Project 6 (Seabrook)	0	Х	SUBSTATIONS	RS	3473		
9	Canton Mountain Wind, LLC							
10	BELD Watson							
11	Nextera							
12	Exelon (Constellation)							
13	Brown Bear II (Miller) Hydro							
14	BELD Potter II							
15	Commonwealth New Bedford							
16	Spruce Mountain Wind							
17	NuGen - Harrington St. PV							
18	Saddleback Ridge Wind, LLC							
19	Rate Stabilization							
20	Flush of Funds							
21								
22								
		1						

# PURCHASED POWER (Account 555) (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 columns (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 (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.

Type of	Voltage		Cost of Energy (Omit Cents)					
Demand Reading (i)	at Which Delivered (j)	Kilowatt- Hours (k)	Capacity Charges (I)	Energy Charges	Other Charges (n) **	Total (o)	(CENTS) (0.0000) (p)	Line No.
60 Minutes		9,843,504	(8,609)	51,365	171,779	214,535	\$0.0218	1
60 Minutes		352,721	(293,163)	68,609	7,973	(216,581)	(\$0.6140)	2
60 Minutes		4,130,063	(253,225)	329,359	13,416	89,550	\$0.0217	3
60 Minutes		6,460,114	167,893	40,880	4,046	212,819	\$0.0329	4
60 Minutes		4,909,512	97,731	31,314	3,386	132,431	\$0.0270	5
60 Minutes		14,900,645	251,497	86,459	1,312	339,268	\$0.0228	6
60 Minutes		1,836,590	12,677	10,656	155	23,488	\$0.0128	7
60 Minutes		30,388,554	833,136	176,325	2,436	1,011,897	\$0.0333	8
		4,164,948	(2,672)	415,610	31,073	444,011	\$0.1066	9
		3,910,781	953,587	309,840	580,034	1,843,461	\$0.4714	10
		62,507,400	(288,056)	2,868,981	(82)	2,580,843	\$0.0413	11
		12,682,000		612,540		612,540	\$0.0483	12
		5,207,099		257,188	13,418	270,606	\$0.0520	13
		176,683	123,787		18,640	142,427	N/A	14
		3,797,817	(341)	169,588		169,247	\$0.0446	15
		5,513,533	(55,642)	547,218	16,219	507,795	\$0.0921	16
		2,642,859		165,982		165,982	\$0.0628	17
		5,357,974	(71,594)	496,047	17,165	441,618	\$0.0824	18
						507,834	N/A	19
						(135,905)	N/A	20
								21
								22
	TOTALS:	178,782,797	1,467,006	6,637,961	880,970	9,357,866		

Year Ended December 31, 2018

### INTERCHANGE POWER (Included in Account 555)

- 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

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

		Inter- change		Voltage at		Kilowatt-hours		
Line No.	Name of Company (a)	Across State Lines (b)	Point of Interchange (c)	Which Inter- changed (d)	Received (a)	Delivered (f)	Net Difference (g)	Amount of Settlement (h)
1	NEPEX				206,014,203	178,782,797	27,231,406	7,876,123
2								
4 5								
6 7								
8 9								
10 11								
12				TOTALS	206,014,203	178,782,797	27,231,406	7,876,123

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (i)	Amount (k)
13	NEPEX	INTERCHANGE EXPENSE	7,876,123
14			
15			
16			
17			
18			
19			
20		TOTAL	7,876,123

	ELECTRIC ENERGY ACCOUNT								
Report below	the information called for concerning the disposition of elect	tric energy generated, purchased and ir	nterchanged for the year.						
Line.	Item			Kilowatt-hours					
No.	(a)			(b)					
1	SOURCES OF ENERGY								
2	Generation								
3	Steam								
4	Nuclear								
5	Hydro								
6	Other								
7	Total Generation			0					
8	Purchases			178,782,797					
9		( In (gross)	206,014,203						
10	Interchanges	< Out (gross)	178,782,797						
11		( Net (Kwh)	_	27,231,406					
12		( Received	0						
13	Transmission for/by others (wheeling)	< Delivered	0						
14		( Net (Kwh)		0					
15	TOTAL			206,014,203					
16	DISPOSITION OF ENERGY								
17	Sales to ultimate consumers (including interdepart	artmental sales)		201,632,234					
18	Sales for resale			0					
19	Energy furnished without charge								
20	Energy used by the company (excluding station	use):							
21	Electric department only								
22	Energy losses								
23	Transmission and conversion los		_						
24	Distribution losses	2.13%	4,381,969						
25	Unaccounted for losses								
26	Total energy losses			4,381,969					
27	Energy losses as percent of total	on line 2.13%							
28			TOTAL	206,014,203					

### **MONTHLY PEAKS AND OUTPUT**

- 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 purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation
- as to the nature of the emergency.
- State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)
   Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
- 5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

**Town of Hingham** 

	Town of finigham							
			Monthly Peak					
			Day of	Day of		Type of	(kwh)	
Line	Month	Kilowatts	Week	Month	Hour	Reading	(See Instr. 4)	
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
29	January	37,340	Monday	1	6:00 PM	60 min	18,495,970	
30	February	30,530	Wednesday	7	6:00 PM	60 min	14,643,340	
31	March	29,750	Wednesday	7	7:00 PM	60 min	16,054,900	
32	April	26,010	Tuesday	3	8:00 PM	60 min	14,083,520	
33	May	34,630	Thursday	3	3:00 PM	60 min	15,502,806	
34	June	43,410	Friday	29	5:00 PM	60 min	17,031,121	
35	July	53,700	Tuesday	3	5:00 PM	60 min	22,417,510	
36	August	57,060	Wednesday	29	4:00 PM	60 min	22,766,770	
37	September	54,560	Thursday	6	4:00 PM	60 min	17,261,260	
38	October	33,950	Wednesday	10	3:00 PM	60 min	15,080,417	
39	November	29,850	Wednesday	14	6:00 PM	60 min	15,563,370	
40	December	32,140	Tuesday	18	6:00 PM	60 min	17,113,219	
41						TOTAL	206,014,203	

	GENERATING S	STATIONS		Pages 58	through 66
	GENERATING STATI	on statistics (L cept Nuclear)	arge Stations)		Pages 58-59
Line No.	ltem (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1 2 3 4 5 6	(G)	(=)	(5)	(4)	(5)
	STEAM GE	NERATING STATIO	ONS		Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
2 3 4 5 6					
	HYDROELECTRI	C GENERATING S	STATIONS		Pages 62-63
Line No.	ltem (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1 2 3 4 5 6					
	COMBUSTION ENGINE A	ND OTHER GENE	RATING STATIONS	5	Pages 64-65
Line No.	ltem (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1 2 3 4 5 6					
	GENERATING STATE	ON STATISTICS (S	Small Stations)		Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1 2 3 4 5 6					

## TRANSMISSION LINE STATISTICS

Report information concerning transmission line as indicated below.

	<u> </u>			Type of	Length (F	Pole Miles)	Number	Size of
	Desig	gnation	Operating	Supportive	On Structures of	On Structures of	of	Conductors
Line	From	То	Voltage	Structure	Line Designated	Another Line	Circuits	and Material
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1		HOBART	115KV	STEEL/WOOD	0		2	336.4
	EAST	STREET						MCM
	WEYMOUTH	SUBSTATION						ASCR
4		HINGHAM						
5								
6								
7 8								
9								
10								
11								
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36								
37								
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39								
40								
41								
42								
43								
44								
45								
46 47		1	I	TOTALS	0		0	
47	* where other tha	n 60 cycle, 3 phas	se, so indica	te.	1 0	<u> </u>	<u> </u>	
		, -, - p	,					

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve but one industrial or street railway customer should not be listed hereunder.
- Substations with capacities of less that 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.
- Indicate in column (b) the functional character of 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, rectifiers, 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.

**SUBSTATIONS** 

		Character	-	Volta	200	Capacity of	Number of	Number of		ion Appara	
	Name and Location	of		VOILE	age	Substation in kva	Transformers	Spare	Type of	Number	Total
Line	of Substation	Substation	Drimory	Secondary	Tortion	(In Service)	In Service	Transformers	Equipment	of Units	Capacity
No.	(a)	(b)	(c)	(d)	(e)	(III Service) (f)		(h)	Equipment (i)		(k)
		Distribution	115				(g) 3		(1)	(j) 0	(K) 0
			115	13.0		120,000	3	U	U	U	U
2		Unattended									
3											
4											
5											
6											
-											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26					TOTALS	120,000	3	0			

## **OVERHEAD DISTRIBUTION LINES OPERATED**

Line		Length (Pole Mile	s)
No.	Wood Poles	Steel Towers	Total
1 Miles Beginning of Year	170.54		170.54
2 Added During Year	0.00		0.00
3 Retired During Year	0.00		0.00
4 Miles End of Year	170.54	0.00	170.54
5 *			

5 6

8 Distribution System Characteristics - AC or DC, Phase, cycles and operating voltages for Light and Power

10

11 12

13 14 15

## **ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS**

				Line Tra	ansformers
		Electric	Number of		Total
Line	Item	Services	Watt-hour	Number	Capacity
No.			Meters		(kva)
16	Number at beginning of year:	8,463	11,594	2,197	116,613
17	Additions during year				
18	Purchased	11	284	64	7,262
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	11	284	64	7,262
22	Reductions during year:				
23	Retirements	0	17	15	195
24	Associated with utility plant sold				
25	Total Reductions		17	15	195
26	Number at end of year	8,474	11,861	2,246	123,680
27	In stock		1,090	261	13,663
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		10,771	1,985	110,017
31	In company's use				
32	Number at end of year		11,861	2,246	123,680

Annual Report of the Town of Hingham

Year Ended December 31, 2018

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illiuai	Report of the Town of Hingham	ID CUDMADING CARLE (Distribution		d December 31, 2018		Page 70
	CONDUIT, UNDERGROUND CABLE AT Report below the information called for concerning conduit,	ND SUBMAKINE CABLE - (DISTRIBUTION	at and of year			
	Report below the information called for concerning conduit,	Miles of Conduit Bank	Underground Cable		Submarine Cable	
Line	Designation of Underground System	(All Sizes and Types)	Miles *	Operating Voltage	Feet *	Operating Voltage
No.	(a)	(b)	(c)	(d)	(e)	(f)
	Hingham Distribution Substation	26.227	86.63	13.8KV	(-/	( )
2 3 4						
5 6	New Additions 2015	0.330	0.290	13.8KV		
7 8 9	New Additions 2015	0.120	0.060	600V		
10 11	New Additions 2016	0.210	0.180	13.8KV		
	New Additions 2016	0.037	0.018	600V		
	New Additions 2017	0.350	0.414	13.8KV		
	New Additions 2017	0.128	0.064	600V		
20 21	New Additions 2018	0.170	0.512	13.8KV		
23 24 25 26 27 28 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45		0.142	0.071	600V		
47 48	TOTALS	5 27.714	88.24		0.00	
40	*indicate number of conductors per cable	21.114	00.24		0.00	

7 11 11 10 0	ar Report of the Town o		LAMPS	CONN			STEM		raye	
	31		LAIVII 3	CONN	LCILD		pe			
			Incande	scent	Mercury		Florescent	& Quartz	Sodiu	ım
Line	City or Town	Total	Municipal		Municipal	Other	Municipal		Municipal	Other
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	HINGHAM	3,154	0	0	0	0	0	0	(i) 2,631	523
2										
3										
4										
5										
6 7										
8										
9										
10										
11										
12 13										
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43										
44										
45										
46 47										
47										
49										
50										
51										
52	TOTALS	3,154	0	0	0	0	0		2,631	523

## 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 revenues predicted on the previous year's operations.

Effective	M.D.P.U.	Rate	Estin Effe	nated ct on
Date	Number	Schedule		Revenues
			Increases	Decreases
		None		

THIS RETURN IS SIGNED U	INDER THE PENALTIES OF PERJ	IURY
		. Mayor
Paul Heanue	Manager	Manager of Electric Light
John P. Ryan	)  Chairman	 
Roger Freeman	Secretary	Selectmen or Members of the
John A. Stoddard, Jr.	Vice-Chairman	Municipal   Light   Board
		    -
		.)
	VE PARTIES AFFIXED OUTSIDE CHUSETTS MUST BE PROPERLY	
SS		20
Then personally appeared		
	,	
And severally made oath to the subscribed according to their	ne truth of the foregoing statement l best knowledge and belief.	by them
		Notary Public or Justice of the Peace

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