

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

the Town of Ashburnham

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2020

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

Official title: Manager

Kevin Sullivan

Office address: 24 Williams Road

Ashburnham, MA 01430

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

The Board of Commissioners
Ashburnham Municipal Light Plant
Ashburnham, Massachusetts 01430

Management is responsible for the accompanying financial statements of Ashburnham Municipal Light Plant which comprise the balance sheet as of December 31, 2020, and the related statement of income and unappropriated retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally accepted in the United States of America. 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 the financial statements included in the accompanying prescribed form.

The financial statements included in the accompanying prescribed form are presented in accordance 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.

This report is intended solely for the information and use of Ashburnham Municipal Light Plant and the Massachusetts Department of Public Utilities, and is not intended to be and should not be used by anyone other than these specified parties.

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
March 15, 2021

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FOR GAS PLANTS ONLY:	Page	Page
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Purchased Gas	48	Holders
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Record of Sendout for the Year in MCF	72-73	Governors and Meters

PAGES INTENTIONALLY OMITTED : 9, 13, 23 TO 36, 80

GENERAL INFORMATION**Page 3**

- | | | |
|-----|--|--------------------------------------|
| 1. | Name of town (or city) making report. | Ashburnham |
| 2. | If the town (or city) has acquired a plant,
Kind of plant, whether gas or electric.
Owner from whom purchased, if so acquired.
Date of votes to acquire a plant in accordance with the provisions of
chapter 164 of the General Laws.
Record of votes: First vote: Yes, ; No, Second vote: Yes, ; No,
Date when town (or city) began to sell gas and electricity, | Electric

1908 |
| 3. | Name and address of manager of municipal lighting:

Kevin Sullivan 24 Williams Road Ashburnham, MA 01430 | |
| 4. | Name and address of mayor or selectmen:

Leo Janssens 32 Main Street Ashburnham, MA 01430
Rosemarie Meissner 32 Main Street Ashburnham, MA 01430
Bill Johnson 32 Main Street Ashburnham, MA 01430 | |
| 5. | Name and address of town (or city) treasurer:

Sara Paz 32 Main Street Ashburnham, MA 01430 | |
| 6. | Name and address of town (or city) clerk:

Michelle Johnson 32 Main Street Ashburnham, MA 01430 | |
| 7. | Names and addresses of members of municipal light board:

Mark Carlisle 24 Williams Road Ashburnham, MA 01430
Stephen Hogan 24 Williams Road Ashburnham, MA 01430
Richard Ahlin 24 Williams Road Ashburnham, MA 01430 | |
| 8. | Total valuation of estates in town (or city) according to last State valuation
(taxable) | \$ 739,829,351 |
| 9. | Tax rate for all purposes during the year: | \$20.55 |
| | Residential | \$20.55 |
| | Open Space | \$20.55 |
| | Commercial/Industrial/Personal Property | \$20.55 |
| 10. | Amount of manager's salary: | \$157,768 |
| 11. | Amount of manager's bond: | \$50,000 |
| 12. | Amount of salary paid to members of municipal light board (each): | \$0 |

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

			Amount
INCOME FROM PRIVATE CONSUMERS:			
1	From sales of gas		0
2	From sales of electricity		5,052,862
3		TOTAL	5,052,862
4			
5	EXPENSES		
6	For operation, maintenance and repairs		4,500,000
7	For interest on bonds, notes or scrip		
8	For depreciation fund (3 % 15,783,121 as per page 9)		473,494
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		TOTAL	4,973,494
14			
15	COST:		
16	Of gas to be used for municipal buildings		
17	Of gas to be used for street lights		
18	Of electricity to be used for municipal buildings		84,512
19	Of electricity to be used for street lights		6,585
20	Total of above items to be included in the tax levy		91,097
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy		91,097
CUSTOMERS			
Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.		Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.	
City or Town	Number of Customers' Meters, Dec. 31	City or Town	Number of Customers' Meters, Dec. 31
		Ashburnham	3039
		Westminster	38
		Winchendon	19
		Gardner	16
		Fitchburg	4
		Ashby	1
TOTAL	0	TOTAL	3,117

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At meeting , to be paid from **

*At meeting , to be paid from **

TOTAL 0

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

1. Street lights 6,585

2. Municipal buildings 84,512

3.

TOTAL 91,097

* Date of meeting and whether regular or special

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

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

Electric plant added:

- 1240' UG Primary
460' OH Primary
- 5200' OH Secondary
4 x 10kVA overhead transformer
- 7 x 15kVA overhead transformers
4 x 25kVA overhead transformers
- 1 x 37.5kVA overhead transformers
1 x 15kVA padmount transformer
2 x 300kVa padmount trasnformer

Electric plant reduced:

- N/A

In gas property:

Not applicable

Bonds (Issued on Account of Gas or Electric Lighting.)							
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Oct 9, 1907	Nov 1, 1907	5,000					
Oct 9, 1908	Nov 2, 1908	3,000					
Oct 15, 1908	Dec 5, 1908	2,500					
Aug 14, 1912	Nov 12, 1912	2,500					
May 3, 1924	June 12, 1924	2,500					
TOTAL		15,500				TOTAL	NONE

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
* Date of meeting and whether regular or special
** List original issues of bonds and notes including those that have been repaid

Town Notes							
(Issued on Account of Gas or Electric Lighting.)							
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
Not Applicable							
	TOTAL	0				TOTAL	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

* Date of meeting and whether regular or special

** List original issues of bonds and notes including those that have been repaid

<div> <div>1. Report below the cost of utility plant in service according to prescribed accounts</div> <div>2. Do not include as adjustments, corrections of additions and retirements for the current or the</div> </div> <div> 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 </div> <div> effect of such amounts. 4. Reclassifications or transfers within utility plant accounts should be shown in column (f). </div>							
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							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
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 No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
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	272,373	0	0	0	0	272,373
18	Total Other Production Plant	272,373	0	0	0	0	272,373
19	Total Production Plant	272,373	0	0	0	0	272,373
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	0	0	0	0	0	0

TOTAL COST OF PLANT (Concluded)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	0	0	0	0	0	0
3	361 Structures and Improvements	0	0	0	0	0	0
4	362 Station Equipment	1,326,494	0	0	0	0	1,326,494
5	363 Storage Battery Equipment	3,341,377	890	0	0	0	3,342,267
6	364 Poles Towers and Fixtures	2,539,405	214,657	12,711	0	0	2,741,351
7	365 Overhead Conductors and Devices	688,892	0	0	0	0	688,892
8	366 Underground Conduit	9,613	0	0	0	0	9,613
9	367 Underground Conductors and Devices	449,005	0	0	0	0	449,005
10	368 Line Transformers	599,356	33,779	4,634	0	0	628,501
11	369 Services	1,224,569	14,662	0	0	0	1,239,231
12	370 Meters	534,278	41,313	0	0	0	575,591
13	371 Installations on Customer's Premises	0	0	0	0	0	0
14	372 Leased Prop on Customer's Premises	287,553	15,080	0	0	0	302,633
15	373 Streetlight and Signal Systems	142,341	5,911	0	0	0	148,252
16	Total Distribution Plant	11,142,883	326,292	17,345	0	0	11,451,830
17	5. GENERAL PLANT						
18	389 Land and Land Rights	123,150	0	0	0	0	123,150
19	390 Structures and Improvements	1,842,849	15,884	0	0	0	1,858,733
20	391 Office Furniture and Equipment	301,144	1,375	0	0	0	302,519
21	392 Transportation Equipment	1,482,212	6,246	0	0	0	1,488,458
22	393 Stores Equipment	11,051	0	0	0	0	11,051
23	394 Tools, Shop and Garage Equipment	168,473	19,495	0	0	0	187,968
24	395 Laboratory Equipment	6,110	0	0	0	0	6,110
25	396 Power Operated Equipment	75,069	0	0	0	0	75,069
26	397 Communication Equipment	40,740	0	0	0	0	40,740
27	398 Miscellaneous Equipment	5,777	0	0	0	0	5,777
28	399 Other Tangible Property	61,439	21,054	0	0	0	82,493
29	Total General Plant	4,118,014	64,054	0	0	0	4,182,068
30	Total Electric Plant in Service	15,533,270	390,346	17,345	0	0	15,906,271
31	Total Cost of Electric Plant.....						15,906,271
33	Less Cost of Land, Land Rights, Rights of Way.....						123,150
34	Total Cost upon which Depreciation is based						15,783,121
The above figures should show the original cost of the existing property. In case any part of the property is sold or retired, the cost of such property should be deducted from the cost of the plant. The net cost of the property, less the land value, should be taken as a basis for figuring depreciation.							

COMPARATIVE BALANCE SHEET Assets and Other Debits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		UTILITY PLANT			
2	101	Utility Plant - Electric (P. 17)	9,649,494	9,577,536	(71,958)
3	101	Utility Plant - Gas (P. 20)	0	0	0
4	105	Property Held for Future Use (P. 17)	0	0	0
5	107	Construction Work in Progress (P. 17)	17,353	39	(17,314)
6		Total Utility Plant	9,666,847	9,577,575	(89,272)
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	0	0	0
13	126	Depreciation Fund (P. 14)	2,236,385	2,347,980	111,595
14	128	Other Special Funds	2,107,723	2,144,920	37,197
15		Total Funds	4,344,108	4,492,900	148,792
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	1,194,649	825,025	(369,624)
18	132	Special Deposits	472,110	464,086	(8,024)
19	135	Working Funds	500	500	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	190,481	211,841	21,360
22	143	Other Accounts Receivable	171,435	188,549	17,114
23	146	Receivables from Municipality	0	0	0
24	151	Materials and Supplies (P. 14)	154,905	157,467	2,562
25					
26	165	Prepayments	704,489	1,533,652	829,163
27	174	Miscellaneous Current Assets	5,143	5,143	0
28		Total Current and Accrued Assets	2,893,712	3,386,263	492,551
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	0	0	0
31	182	Extraordinary Property Losses	0	0	0
32	185	Other Deferred Debits	465,397	426,137	(39,260)
33		Total Deferred Debits	465,397	426,137	(39,260)
34					
35		Total Assets and Other Debits	17,370,064	17,882,875	512,811

COMPARATIVE BALANCE SHEET Liabilities and Other Credits					
Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		APPROPRIATIONS			
2	201	Appropriations for Construction	0	0	0
3		SURPLUS			
4	205	Sinking Fund Reserves	0	0	0
5	206	Loans Repayment	15,500	15,500	0
6	207	Appropriations for Construction Repayments	5,990	5,990	0
7	208	Unappropriated Earned Surplus (P. 12)	5,568,664	6,582,585	1,013,921
8		Total Surplus	5,590,154	6,604,075	1,013,921
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	0
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	347,453	340,264	(7,189)
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	79,840	80,465	625
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	0	0	0
19	242	Miscellaneous Current and Accrued Liabilities	3,182,806	2,785,928	(396,878)
20		Total Current and Accrued Liabilities	3,610,099	3,206,657	(403,442)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	0	0	0
23	252	Customer Advances for Construction	25,000	0	(25,000)
24	253	Other Deferred Credits	3,249,874	3,325,089	75,215
25		Total Deferred Credits	3,274,874	3,325,089	50,215
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	0	0	0
28	261	Property Insurance Reserve	0	0	0
29	262	Injuries and Damages Reserves	0	0	0
30	263	Pensions and Benefits Reserves	2,410,272	2,110,186	(300,086)
31	265	Miscellaneous Operating Reserves	2,107,723	2,144,920	37,197
32		Total Reserves	4,517,995	4,255,106	(262,889)
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	376,942	491,948	115,006
35		Total Liabilities and Other Credits	17,370,064	17,882,875	512,811

STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	OPERATING INCOME		
2	400 Operating Revenues (P. 37 and 43)	4,880,113	456,119
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	3,352,852	(283,259)
5	402 Maintenance Expense	388,717	(10,044)
6	403 Depreciation Expense	462,304	7,011
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	4,203,873	(286,292)
11	Operating Income	676,240	742,411
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	676,240	742,411
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	162,678	(21,155)
17	419 Interest Income	94,264	9,984
18	421 Miscellaneous Nonoperating Income (P. 21)	232,390	(138,316)
19	Total Other Income	489,332	(149,487)
20	Total Income	1,165,572	592,924
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(11,977)	(1,060)
23	426 Other Income Deductions (P. 21)	0	(38,499)
24	Total Income Deductions	(11,977)	(39,559)
25	Income Before Interest Charges	1,177,549	632,483
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	93,412	(12,857)
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	2,602	326
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	96,014	(12,531)
33	NET INCOME	1,081,535	645,014
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		5,568,664
35			
36			
37	433 Balance Transferred from Income		1,081,535
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	0	
40	436 Appropriations of Surplus (P. 21)	67,614	
41	437 Surplus Applied to Depreciation	0	
42	208 Unappropriated Earned Surplus (at end of period)	6,582,585	
43			
44	TOTALS	6,650,199	6,650,199

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	825,025	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	825,025	
MATERIALS AND SUPPLIES (Accounts 151-159, 163)			
Summary per Balance Sheet			
Line No.	Account (a)	Amount End of Year	
		Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)	157,467	
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))		
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	Total Per Balance Sheet	157,467	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	2,236,385	
26	Income during year from balance on deposit (interest)	69,271	
27	Amount transferred from income (depreciation)	462,324	
28			
29	TOTAL	2,767,980	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	420,000	
32	Amounts expended for renewals,viz:-		
33	Power Contract Settlement		
34			
35			
36			
37			
38			
39	Balance on hand at end of year	2,347,980	
40	TOTAL	2,767,980	

UTILITY PLANT - ELECTRIC

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

- 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).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
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						
23	Total Nuclear Production Plant	0	0	0	0	0	0

UTILITY PLANT - ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
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	198,992	0	8,172	0	0	190,820
18	Total Other Production Plant	198,992	0	8,172	0	0	190,820
19	Total Production Plant	198,992	0	8,172	0	0	190,820
20	3. Transmission Plant						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduit						
29	358 Underground Conductors and Devices						
30	359 Roads and Trails						
31	Total Transmission Plant	0	0	0	0	0	0

UTILITY PLANT -- ELECTRIC (Continued)							
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	0	0	0	0	0	0
3	361 Structures and Improvements	0	0	0	0	0	0
4	362 Station Equipment	252,924	0	39,792	0	0	213,132
5	363 Storage Battery Equipment	3,241,549	890	100,216	0	0	3,142,223
6	364 Poles Towers and Fixtures	1,785,196	214,657	96,852	0	0	1,903,001
7	365 Overhead Conductors and Devices	0	0	0	0	0	0
8	366 Underground Conduit	534	0	288	0	0	246
9	367 Underground Conductors and Devices	483,185	0	13,476	0	0	469,709
10	368 Line Transformers	143,737	33,779	17,976	0	0	159,540
11	369 Services	557,355	14,662	36,732	0	0	535,285
12	370 Meters	518,858	41,313	16,032	0	0	544,139
13	371 Installations on Customer's Premises	0	0	0	0	0	0
14	372 Leased Prop on Customer's Premises	142,268	15,080	8,628	0	0	148,720
15	373 Streetlight and Signal Systems	51,364	5,911	4,272	0	0	53,003
16	Total Distribution Plant	7,176,970	326,292	334,264	0	0	7,168,998
17	5. GENERAL PLANT						
18	389 Land and Land Rights	123,150	0	0	0	0	123,150
19	390 Structures and Improvements	987,943	15,884	55,464	0	0	948,363
20	391 Office Furniture and Equipment	117,423	1,375	9,036	0	0	109,762
21	392 Transportation Equipment	901,853	6,246	44,472	0	0	863,627
22	393 Stores Equipment	3,733	0	336	0	0	3,397
23	394 Tools, Shop and Garage Equipment	72,736	19,495	5,052	0	0	87,179
24	395 Laboratory Equipment	3,794	0	180	0	0	3,614
25	396 Power Operated Equipment	40,085	0	2,256	0	0	37,829
26	397 Communication Equipment	8,976	0	1,224	0	0	7,752
27	398 Miscellaneous Equipment	0	0	0	0	0	0
28	399 Other Tangible Property	13,839	21,054	1,848	0	0	33,045
29	Total General Plant	2,273,532	64,054	119,868	0	0	2,217,718
30	Total Electric Plant in Service	9,649,494	390,346	462,304	0	0	9,577,536
31	104 Utility Plant Leased to Others	0	0	0	0	0	0
32	105 Property Held for Future Use	0	0	0	0	0	0
33	107 Construction Work in Progress	17,353	39	0	0	(17,353)	39
34	Total Utility Plant Electric	9,666,847	390,385	462,304	0	(17,353)	9,577,575

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year					
2	Received During Year					
3	TOTAL	0				
4	Used During Year (Note A)					
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	0				
13	BALANCE END OF YEAR	0				

Line No.	Item (g)	Kinds of Fuel and Oil - continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	On Hand Beginning of Year				
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 No.	Item (a)	Amount (b)
1	Grant Revenue	208,164
2	Unrealized Gain/Loss on Investments	24,226
3		
4		
5		
6	TOTAL	232,390
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Debt Issuance Costs	0
8		
9		
10		
11		
12		
13		
14	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	0
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	0
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	Town of Ashburnham - In Lieu of Taxes	67,614
34		
35		
36		
37		
38		
39		
40	TOTAL	67,614

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				
		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)	
5	444-2	Municipal: (Other Than Street Lighting)	652,483	78,727	0.1207	
6						
7						
8						
9						
10						
11						
12		TOTALS	652,483	78,727	0.1207	
13	444-1	Street Lighting	50,335	6,076	0.1207	
14						
15						
16						
17						
18		TOTALS	50,335	6,076	0.1207	
19		TOTALS	702,818	84,803	0.1207	
PURCHASED POWER (Account 555)						
Line No.	Names of Utilities from Which Electric Energy is Purchased (a)		Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20						
21						
22						
23						
24						
25						
26						
27						
28						
29			TOTALS	0	0	0.0000
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	

<div> <div> 1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year. 2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies. 3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate </div> <div> <i>ELECTRIC OPERATING REVENUES (Account 400)</i> meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification. </div> <div> 4. Unmetered sales should be included below. The details of such sales should be given in a footnote. 5. Classification on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification </div> </div>							
Line No.	Account (a)	Operating Revenues		Kilowatt-hours Sold		Average Number of Customers per Month	
		Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY						
2	440 Residential Sales	3,457,411	501,027	23,321,879	1,502,380	2,888	36
3	442 Commercial and Industrial Sales	0	0	0	0	0	0
4	Small Commercial B Sales	180,894	14,374	1,182,597	(1,436)	156	(2)
5	Large Commercial C Sales	1,080,944	(81,913)	8,184,850	(1,751,116)	38	2
6	444 Municipal Sales	84,803	10,573	702,818	15,094	19	1
7	445 Other Sales to Public Authorities	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	4	0
10	449 Miscellaneous Sales	31,877	2,617	170,338	(9,575)	0	0
11	Total Sales to Ultimate Consumers	4,835,929	446,678	33,562,482	(244,653)	3,105	37
12	447 Sales for Resale	0	0	0	0		0
13	Total Sales of Electricity*	4,835,929	446,678	33,562,482	(244,653)	3,105	37
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts	0	0				
16	451 Miscellaneous Service Revenues	0	0				
17	453 Sales of Water and Water Power	0	0				
18	454 Rent from Electric Property	2,746	(9,872)				
19	455 Interdepartmental Rents	0	0				
20	456 Other Electric Revenues	41,438	19,313				
21							
22							
23							
24							
25	Total Other Operating Revenues	44,184	9,441				
26	Total Electric Operating Revenue	4,880,113	456,119				

* Includes revenues from application of fuel clauses \$

Total KWH to which applied 33,562,482

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.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1		Residential	23,321,879	3,457,411	0.1482	2,875	2,888
2		Commercial	1,182,597	180,894	0.1530	158	156
3		Industrial	8,184,850	1,080,944	0.1321	37	38
4		Municipal Building	652,483	78,727	0.1207	19	19
5		Municipal Street Lighting	50,335	6,076	0.1207	0	0
6		Security Light	170,338	31,877	0.1871	0	0
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			33,562,482	4,835,929	0.1441	3,089	3,101

ELECTRIC OPERATION AND MAINTENANCE EXPENSES			
1. Enter in the space provided the operation and maintenance expenses for the year			
2. If the increases and decreases are not derived from previously reported figures, explain in footnote			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	POWER PRODUCTION EXPENSES		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering	0	0
5	501 Fuel	0	0
6	502 Steam Expenses	0	0
7	503 Steam from other sources	0	0
8	504 Steam transferred -- Cr.	0	0
9	505 Electric expenses	0	0
10	506 Miscellaneous steam power expenses	0	0
11	507 Rents	0	0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	0	0
16	512 Maintenance of boiler plant	0	0
17	513 Maintenance of electric plant	0	0
18	514 Maintenance of miscellaneous steam plant	0	0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
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

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	HYDRAULIC POWER GENERATION - Continued		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	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		0
11	Operation:		0
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	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		
26	555 Purchased power	1,843,842	(164,488)
27	556 System control and load dispatching	0	0
28	557 Other expenses	365,150	(44,297)
29	Total other power supply expenses	2,208,992	(208,785)
30	Total power production expenses	2,208,992	(208,785)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering	0	0
34	561 Load dispatching	0	0
35	562 Station expenses	0	0
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	0	0
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	0	0
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	0
49	Total maintenance	0	0
50	Total transmission expenses	0	0

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued			
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	DISTRIBUTION EXPENSES		
2	Operation:		
3	580 Operation supervision and engineering	0	0
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	8,020	(6,638)
6	583 Overhead line expenses	85,405	(20,913)
7	584 Underground line expenses	1,342	1,091
8	585 Street lighting and signal system expenses	4,808	(2,071)
9	586 Meter expenses	9,700	(774)
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	175,409	27,310
12	589 Rents	0	0
13	Total operation	284,684	(1,995)
14	Maintenance:		
15	590 Maintenance supervision and engineering	0	0
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	0	0
18	593 Maintenance of overhead lines	338,825	9,664
19	594 Maintenance of underground lines	453	(170)
20	595 Maintenance of line transformers	3,250	1,986
21	596 Maintenance of street lighting and signal systems	676	(709)
22	597 Maintenance of meters	465	(994)
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	343,669	9,777
25	Total distribution expenses	628,353	7,782
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	3,453	(1,657)
30	903 Customer records and collection expenses	256,446	27,711
31	904 Uncollectible accounts	496	(685)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	260,395	25,369
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	0	0
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	0	0
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	158,840	(5,733)
44	921 Office supplies and expenses	21,562	1,266
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	132,822	46,075
47	924 Property insurance	15,903	4,502
48	925 Injuries and damages	0	0
49	926 Employee pensions and benefits	246,613	(133,749)
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	23,041	(10,209)
53	931 Rents	0	0
54	Total operation	598,781	(97,848)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	
1	ADMINISTRATIVE AND GENERAL EXPENSES - Cont.			
2	Maintenance:			
3	932 Maintenance of general plant	2,736	68	
4	933 Transportation	42,312	(19,889)	
5	Total administrative and general expenses	643,829	(117,669)	
	Total Electric Operation and Maintenance Expenses	3,741,569	(293,303)	
SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES				
Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
6	Power Production Expenses			
7	Electric Generation:			
8	Steam Power:			
9	Nuclear Power			
10	Hydraulic Power			
11	Other Power			
12	Other Power Supply Expenses	2,208,992	0	2,208,992
13	Total power production expenses	2,208,992	0	2,208,992
14	Transmission Expenses	0	0	0
15	Distribution Expenses	284,684	343,669	628,353
16	Customer Accounts Expenses	260,395	0	260,395
17	Sales Expenses	0	0	0
18	Administrative and General Expenses	598,781	45,048	643,829
19	Total Electric Operation and			
20	Maintenance Expenses	3,352,852	388,717	3,741,569
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)				86.14%
22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.				\$903,703
23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)				10

TAXES CHARGED DURING THE YEAR									
1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts 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.				5. 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.		
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			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.				6. 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.		
Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
1	NONE								
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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14									
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17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS								

OTHER UTILITY OPERATING INCOME (Account 414)					
Report below the particulars called for in each column					
Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1	NONE				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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44					
45					
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47					
48					
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.					
Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work	162,678			162,678
5	Commissions				
6	Other (list according to major classes)				
7	Shared Pole Cost				
8					
9					
10	Total Revenues	162,678	0	0	162,678
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs				
17	Materials				
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
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35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	0	0	0
51	Net Profit (or loss)	162,678	0	0	162,678

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) 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 an "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.

Line No.	Sales to MMWEC: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
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19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

SALES FOR RESALE (Account 447) - Continued								
<div>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).</div> <div>6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.</div> <div>7. Explain any amounts entered in column (n) such as fuel or other adjustments.</div> <div>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.</div>								
Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents)					Revenue per kwh (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
							N/A	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
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								17
								18
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								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
	TOTALS:	0	0	0	0	0		31

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

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

2. Provide subheadings and classify 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).

Line No.	Purchased From MMWEC: (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	New York Power Authority	FP	X	SO. ASHBURNHAM		389		
2	Stonybrook Peaking	O		SO. ASHBURNHAM		1578		
3	Stonybrook Intermediate	O		SO. ASHBURNHAM				
4	Nuclear Mix 1 (Seabrook)	O	X	SO. ASHBURNHAM		14		
5	Nuclear Mix 1 (Millstone)	O	X	SO. ASHBURNHAM		147		
6	Nuclear Project 3 (Millstone)	O	X	SO. ASHBURNHAM		204		
7	Nuclear Project 4 (Seabrook)	O	X	SO. ASHBURNHAM		251		
8	Nuclear Project 5 (Seabrook)	O	X	SO. ASHBURNHAM		31		
9	Project 6 (Seabrook)	O	X	SO. ASHBURNHAM		452		
10	Hydro Quebec	O	X	SO. ASHBURNHAM				
11	ISO OATT							
12	System Power	DP						
13	Berkshire Wind Cooperative	O	X	SO. ASHBURNHAM				
14	Eagle Creek	O	X	SO. ASHBURNHAM		195		
15	National Grid							
16	Rate Stabilization							
17	Other Misc Power							
18	Integrays							
19								
20								
21								
22								
23								
24								
25								
26								
27	** Includes transmission and administrative charges.							
28								

Annual Report of:

ASHBURNHAM MUNICIPAL LIGHT DEPT.

Year Ended December 31, 2020

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 Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents)					KWH (CENTS) (0.0000) (p)	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n) **	Total (o)		
60 MINUTES		3,104,546	19,003	15,274	29,318	63,595	\$0.0205	1
60 MINUTES		14,077	31,681	1,930	1,460	35,071	\$2.4914	2
60 MINUTES		657,905	91,307	11,835	2,623	105,765	\$0.1608	3
60 MINUTES		129,692	3,154	625	9	3,788	\$0.0292	4
60 MINUTES		1,168,422	39,324	7,318	1,345	47,987	\$0.0411	5
60 MINUTES		1,600,721	54,221	10,025	1,843	66,089	\$0.0413	6
60 MINUTES		2,154,255	52,590	7,771	146	60,507	\$0.0281	7
60 MINUTES		266,256	6,609	961	18	7,588	\$0.0285	8
60 MINUTES		3,881,031	96,096	14,001	263	110,360	\$0.0284	9
60 MINUTES		0	0	0	(18,048)	(18,048)	N/A	10
		0	0	0	343,443	343,443	N/A	11
		9,596,051	55,800	392,832	0	448,632	\$0.0468	12
60 MINUTES		1,819,792	0	238,891	0	238,891	\$0.1313	13
60 MINUTES		546,722	0	29,332	161	29,493	\$0.0539	14
		0	0	0	1,216	1,216	N/A	15
		0	0	0	37,197	37,197	N/A	16
		0	0	0	104,283	104,283	N/A	17
		3,670,710	0	0	217,799	217,799	\$0.0593	18
								19
								20
								21
								22
								23
								24
								25
								26
								27
	TOTALS:	28,610,180	449,785	730,795	723,076	1,903,656		28

INTERCHANGE POWER (Included in Account 555)

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

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

3. Particulars of settlements for interchange power

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

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours			Amount of Settlement (h)
					Received (e)	Delivered (f)	Net Difference (g)	
1	NEPEX		SO. ASHBURNHAM		34,597,219	27,528,017	7,069,202	305,336
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	TOTALS				34,597,219	27,528,017	7,069,202	305,336

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
16	NEPEX	INTERCHANGE EXPENSE	226,480
17		NEPOOL EXPENSES	78,856
18			
19			
20			
21			
22			
23			
24	TOTAL		305,336

ELECTRIC ENERGY ACCOUNT							
Report below the information called for concerning the disposition of electric energy generated, purchased and interchanged for the year.							
Line No.	Item (a)	Kilowatt-hours (b)					
1	SOURCES OF ENERGY						
2	Generation						
3	Steam						
4	Nuclear						
5	Hydro						
6	Diesel						
7	Total Generation	0					
8	Purchases	28,610,180					
9	(In (gross)	34,597,219					
10	Interchanges < Out (gross)	(27,528,017)					
11	(Net (Kwh)	7,069,202					
12	(Received	0					
13	Transmission for/by others (wheeling) < Delivered	0					
14	(Net (Kwh)	0					
15	TOTAL	35,679,382					
16	DISPOSITION OF ENERGY						
17	Sales to ultimate consumers (including interdepartmental sales)	33,562,482					
18	Sales for resale	0					
19	Energy furnished without charge						
20	Energy used by the company (excluding station use):						
21	Electric department only	228,759					
22	Energy losses						
23	Transmission and conversion losses						
24	Distribution losses 5.29%	1,888,141					
25	Unaccounted for losses						
26	Total energy losses	1,888,141					
27	Energy losses as percent of total on line 5.29%						
28	TOTAL	35,679,382					
MONTHLY PEAKS AND OUTPUT							
<p>1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.</p> <p>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</p> <p>as to the nature of the emergency.</p> <p>3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)</p> <p>4. 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.</p> <p>5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.</p>							
Town of Ashburnham							
Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) (See Instr. 4) (g)
29	January	6,434	Saturday	01/18/2020	18:00	60 min	3,359,220
30	February	6,115	Sunday	02/09/2020	18:00	60 min	3,066,726
31	March	5,742	Sunday	03/01/2020	19:00	60 min	2,928,752
32	April	5,085	Monday	04/27/2020	19:00	60 min	2,672,853
33	May	5,295	Wednesday	05/27/2020	20:00	60 min	2,546,224
34	June	6,096	Tuesday	06/23/2020	19:00	60 min	2,758,792
35	July	7,103	Monday	07/27/2020	18:00	60 min	3,395,991
36	August	6,959	Wednesday	08/12/2020	16:00	60 min	3,263,028
37	September	6,631	Thursday	09/10/2020	18:00	60 min	2,657,777
38	October	6,844	Tuesday	10/13/2020	19:00	60 min	2,750,843
39	November	6,002	Wednesday	11/18/2020	18:00	60 min	2,867,542
40	December	6,805	Thursday	12/17/2020	18:00	60 min	3,411,634
41						TOTAL	35,679,382

GENERATING STATIONS				Pages 58 through 66	
GENERATING STATION STATISTICS (Large Stations) (Except Nuclear)					Pages 58-59
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
STEAM GENERATING STATIONS					Pages 60-61
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
HYDROELECTRIC GENERATING STATIONS					Pages 62-63
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
COMBUSTION ENGINE AND OTHER GENERATING STATIONS					Pages 64-65
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					
GENERATING STATION STATISTICS (Small Stations)					Page 66
Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
1	NONE				
2					
3					
4					
5					
6					

TRANSMISSION LINE STATISTICS								
Report information concerning transmission line as indicated below.								
Line No.	Designation		Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductors and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1					NONE	NONE		
2								
3								
4								
5								
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41								
42								
43								
44								
45								
46								
47								
TOTALS					0		0	
* where other than 60 cycle, 3 phase, so indicate.								

* where other than 60 cycle, 3 phase, so indicate.

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character 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.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	Ashburnham	Dist. Unatt. Substation	115000	13800	N/A	20,000	1	0	Batt. Storage	1	3MW/5MWh
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
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14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26	TOTALS					20,000	1	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	140.69		140.69
2	Added During Year	1.07		1.07
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	141.76	0.00	141.76
5	*			
6				
7				
8	Distribution System Characteristics - AC, 3 Phase, 60 cycles and 13800/7970 operating voltages			
9	for Light and Power			
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	3,099	3,200	1,394	35,772
17	Additions during year				
18	Purchased	0	88	19	939
19	Installed	31	0	0	0
20	Associated with utility plant acquired				
21	Total Additions	31	88	19	939
22	Reductions during year:				
23	Retirements	13	13	9	125
24	Associated with utility plant sold				
25	Total Reductions	13	13	9	125
26	Number at end of year	3,117	3,275	1,404	36,586
27	In stock		135	55	4,263
28	Locked meters on customers' premises		18	0	0
29	Inactive transformers on system		0	0	0
30	In customers' use		3,117	1,342	29,023
31	In company's use		5	7	3,300
32	Number at end of year		3,275	1,404	36,586

*

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)

Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

Line No.	Designation of Underground System (a)	Miles of Conduit Bank (All Sizes and Types) (b)	Underground Cable		Submarine Cable	
			Miles * (c)	Operating Voltage (d)	Feet * (e)	Operating Voltage (f)
1	Town of Ashburnham - General	7.706	8.312	7,970	0	0
2		0.227	0.227	120/240		
3						
4						
5						
6						
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46						
47						
48						
49	TOTALS	7.933	8.539	7,970	0	0

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM										
Line No.	City or Town (a)	Total (b)	Type							
			Incandescent		Mercury Vapor		Florescent & Quartz		Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Ashburnham Hwy.	177	139	0	0	0	0	0	38	0
2	Ashburnham Water	2	0	0	0	0	0	0	2	0
3	Private Res & Comm	425	0	80	0	18	0	0	0	327
4	Stevens Memorial Library	1	1	0	0	0	0	0	0	0
5										
6										
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49										
50										
51										
52	TOTALS	605	140	80	0	18	0	0	40	327

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 Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		NONE		


THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor


 Kevin Sullivan

Manager of Electric Light


 Mark Carlisle


 Richard Ahlin


 Stephen Hogan

 Selectmen
 or
 Members
 of the
 Municipal
 Light
 Board

SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

SS

19

Then personally appeared

 And severally made oath to the truth of the foregoing statement by them
 subscribed according to their best knowledge and belief.

 Notary Public or
 Justice of the Peace

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