

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,

2019

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, 2019, and the related statements 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 12, 2020

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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
John Mulhall 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
Steve 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) | \$ 732,583,453 |
| 9. | Tax rate for all purposes during the year: | \$20.10 |
| | Residential | \$20.10 |
| | Open Space | \$20.10 |
| | Commercial/Industrial/Personal Property | \$20.10 |
| 10. | Amount of manager's salary: | \$151,507 |
| 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		5,087,674
3		TOTAL	5,087,674
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 % 15,410,120 as per page 9)		462,304
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13		TOTAL	4,962,304
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		80,984
19	Of electricity to be used for street lights		6,627
20	Total of above items to be included in the tax levy		87,611
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy		87,611
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	3021
		Westminster	38
		Winchendon	19
		Gardner	16
		Fitchburg	4
		Ashby	1
TOTAL	0	TOTAL	3,099

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 6,627

2. Municipal buildings 80,984

3.

TOTAL 87,611

* 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:

- 3,100' primary UG cable
1,150' primary OH cable
- 1,935' secondary OH cable
2 10kVA padmount transformers
- 3 15kVA padmount transformers
1 25 kVA padmount transformers
- 3 10kVA overhead transformers
4 25kVA overhead transformers

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	
			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

TOTAL COST OF PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		effect of such amounts.					
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) or (d) as appropriate.		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).					
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative							
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							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	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	272,373					272,373
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						
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	
3	361 Structures and Improvements	0	0	0			0	
4	362 Station Equipment	1,326,494	0	0			1,326,494	
5	363 Storage Battery Equipment	3,327,552	13,825	0			3,341,377	
6	364 Poles Towers and Fixtures	2,428,500	122,806	11,901			2,539,405	
7	365 Overhead Conductors and Devices	688,892	0	0			688,892	
8	366 Underground Conduit	9,613	0	0			9,613	
9	367 Underground Conductors and Devices	448,827	178	0			449,005	
10	368 Line Transformers	570,244	34,102	4,990			599,356	
11	369 Services	1,215,559	9,010	0			1,224,569	
12	370 Meters	514,124	20,154	0			534,278	
13	371 Installations on Customer's Premises	0	0	0			0	
14	372 Leased Prop on Customer's Premises	280,605	6,948	0			287,553	
15	373 Streetlight and Signal Systems	138,169	4,172	0			142,341	
16	Total Distribution Plant	10,948,579	211,195	16,891	0	0	11,142,883	
17	5. GENERAL PLANT							
18	389 Land and Land Rights	123,150	0	0			123,150	
19	390 Structures and Improvements	1,842,849	0	0			1,842,849	
20	391 Office Furniture and Equipment	283,244	17,900	0			301,144	
21	392 Transportation Equipment	1,468,798	37,539	24,125			1,482,212	
22	393 Stores Equipment	11,051	0	0			11,051	
23	394 Tools, Shop and Garage Equipment	163,756	4,717	0			168,473	
24	395 Laboratory Equipment	2,751	3,359	0			6,110	
25	396 Power Operated Equipment	75,069	0	0			75,069	
26	397 Communication Equipment	40,740	0	0			40,740	
27	398 Miscellaneous Equipment	5,777	0	0			5,777	
28	399 Other Tangible Property	61,439	0	0			61,439	
29	Total General Plant	4,078,624	63,515	24,125	0	0	4,118,014	
30	Total Electric Plant in Service	15,299,576	274,710	41,016	0	0	15,533,270	
31	Total Cost of Electric Plant.....							15,533,270
33	Less Cost of Land, Land Rights, Rights of Way.....							123,150
34	Total Cost upon which Depreciation is based							15,410,120
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.								

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)	9,830,077	9,649,494	(180,583)
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)	0	17,353	17,353
6		Total Utility Plant	9,830,077	9,666,847	(163,230)
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds	0	0	0
13	126	Depreciation Fund (P. 14)	1,866,986	2,236,385	369,399
14	128	Other Special Funds	2,073,784	2,107,723	33,939
15		Total Funds	3,940,770	4,344,108	403,338
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	670,994	1,194,649	523,655
18	132	Special Deposits	441,603	472,110	30,507
19	135	Working Funds	500	500	0
20	141	Notes Receivable	0	0	0
21	142	Customer Accounts Receivable	267,480	190,481	(76,999)
22	143	Other Accounts Receivable	153,802	171,435	17,633
23	146	Receivables from Municipality	0	0	0
24	151	Materials and Supplies (P. 14)	142,978	154,905	11,927
25					
26	165	Prepayments	925,664	704,489	(221,175)
27	174	Miscellaneous Current Assets	5,143	5,143	0
28		Total Current and Accrued Assets	2,608,164	2,893,712	285,548
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount	0	0	0
31	182	Extraordinary Property Losses	0	0	0
32	185	Other Deferred Debits	548,677	465,397	(83,280)
33		Total Deferred Debits	548,677	465,397	(83,280)
34					
35		Total Assets and Other Debits	16,927,688	17,370,064	442,376

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)	5,201,418	5,568,664	367,246
8		Total Surplus	5,222,908	5,590,154	367,246
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	484,104	347,453	(136,651)
15	234	Payables to Municipality	0	0	0
16	235	Customers' Deposits	78,365	79,840	1,475
17	236	Taxes Accrued	0	0	0
18	237	Interest Accrued	0	0	0
19	242	Miscellaneous Current and Accrued Liabilities	3,541,659	3,182,806	(358,853)
20		Total Current and Accrued Liabilities	4,104,128	3,610,099	(494,029)
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt	0	0	0
23	252	Customer Advances for Construction	0	25,000	25,000
24	253	Other Deferred Credits	2,100,691	3,249,874	1,149,183
25		Total Deferred Credits	2,100,691	3,274,874	1,174,183
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	3,073,654	2,410,272	(663,382)
31	265	Miscellaneous Operating Reserves	2,073,784	2,107,723	33,939
32		Total Reserves	5,147,438	4,517,995	(629,443)
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction	352,523	376,942	24,419
35		Total Liabilities and Other Credits	16,927,688	17,370,064	442,376

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)	4,423,994	(444,371)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	3,636,111	(809,041)
5	402 Maintenance Expense	398,761	12,373
6	403 Depreciation Expense	455,293	117,604
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	4,490,165	(679,064)
11	Operating Income	(66,171)	234,693
12	414 Other Utility Operating Income (P. 50)	0	0
13			
14	Total Operating Income	(66,171)	234,693
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	183,833	29,231
17	419 Interest Income	84,280	7,468
18	421 Miscellaneous Nonoperating Income (P. 21)	370,706	368,618
19	Total Other Income	638,819	405,317
20	Total Income	572,648	640,010
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization	(10,917)	(2,156)
23	426 Other Income Deductions (P. 21)	38,499	38,499
24	Total Income Deductions	27,582	36,343
25	Income Before Interest Charges	545,066	603,667
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	106,269	106,269
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	2,276	(18,099)
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	108,545	88,170
33	NET INCOME	436,521	515,497
EARNED SURPLUS			
Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		5,201,418
35			
36			
37	433 Balance Transferred from Income		436,521
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)	69,275	
41	437 Surplus Applied to Depreciation	0	
42	208 Unappropriated Earned Surplus (at end of period)	5,568,664	
43			
44	TOTALS	5,637,939	5,637,939

CASH BALANCES AT END OF YEAR			
Line No.	Items (a)	Amount (b)	
1	Operation Fund	1,194,649	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	TOTAL	1,194,649	
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)	154,905	
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	154,905	0
DEPRECIATION FUND ACCOUNT (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of account at beginning of year	1,866,986	
26	Income during year from balance on deposit (interest)	114,163	
27	Amount transferred from income (depreciation)	417,293	
28			
29	TOTAL	2,398,442	
30	CREDITS		
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	162,057	
32	Amounts expended for renewals,viz:-		
33	Power Contract Settlement		
34			
35			
36			
37			
38			
39	Balance on hand at end of year	2,236,385	
40	TOTAL	2,398,442	

UTILITY PLANT - ELECTRIC							
1. Report below the cost of utility plant in service according to prescribed accounts		preceding year. Such items should be included in column (c).		effect of such amounts.			
2. Do not include as adjustments, corrections of additions and retirements for the current or the		3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative		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							
6	2. PRODUCTION PLANT						
7	A. Steam Production						
8	310 Land and Land Rights						
9	311 Structures and Improvements						
10	312 Boiler Plant Equipment						
11	313 Engines and Engine Driven Generators						
12	314 Turbogenerator Units						
13	315 Accessory Electric Equipment						
14	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)
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
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	207,164	0	8,172		
17	346 Miscellaneous Power Plant Equipment	207,164	0	8,172	0	198,992
18	Total Other Production Plant	207,164	0	8,172	0	198,992
19	Total Production Plant					
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

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
3	361 Structures and Improvements	0	0	0			0
4	362 Station Equipment	292,716	0	39,792			252,924
5	363 Storage Battery Equipment	3,327,552	13,825	99,828			3,241,549
6	364 Poles Towers and Fixtures	1,746,342	122,806	83,952			1,785,196
7	365 Overhead Conductors and Devices	9,574	0	9,574			0
8	366 Underground Conduit	822	0	288			534
9	367 Underground Conductors and Devices	496,471	178	13,464			483,185
10	368 Line Transformers	126,747	34,102	17,112			143,737
11	369 Services	584,813	9,010	36,468			557,355
12	370 Meters	514,124	20,154	15,420			518,858
13	371 Installations on Customer's Premises	0	0	0			0
14	372 Leased Prop on Customer's Premises	143,744	6,948	8,424			142,268
15	373 Streetlight and Signal Systems	51,332	4,172	4,140			51,364
16	Total Distribution Plant	7,294,237	211,195	328,462	0	0	7,176,970
17	5. GENERAL PLANT						
18	389 Land and Land Rights	123,150	0	0			123,150
19	390 Structures and Improvements	1,043,407	0	55,464			987,943
20	391 Office Furniture and Equipment	108,019	17,900	8,496			117,423
21	392 Transportation Equipment	908,357	37,539	44,043			901,853
22	393 Stores Equipment	4,069	0	336			3,733
23	394 Tools, Shop and Garage Equipment	72,927	4,717	4,908			72,736
24	395 Laboratory Equipment	519	3,359	84			3,794
25	396 Power Operated Equipment	42,341	0	2,256			40,085
26	397 Communication Equipment	10,200	0	1,224			8,976
27	398 Miscellaneous Equipment	0	0	0			0
28	399 Other Tangible Property	15,687	0	1,848			13,839
29	Total General Plant	2,328,676	63,515	118,659	0	0	2,273,532
30	Total Electric Plant in Service	9,830,077	274,710	455,293	0	0	9,649,494
31	104 Utility Plant Leased to Others	0					0
32	105 Property Held for Future Use	0	17,353	0	0	0	17,353
33	107 Construction Work in Progress	0					
34	Total Utility Plant Electric	9,830,077	292,063	455,293	0	0	9,666,847

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)
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)
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	277,500
2	Miscellaneous Non-Operating Revenue	7,075
3	Unrealized Gain/Loss on Investments	81,150
4	Mutual Aid	4,981
5		
6	TOTAL	370,706
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7	Debt Issuance Costs	38,499
8		
9		
10		
11		
12		
13		
14	TOTAL	38,499
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	69,275
34		
35		
36		
37		
38		
39		
40	TOTAL	69,275

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)	636,890	10,587	0.0166	
6						
7						
8						
9						
10						
11						
12		TOTALS	636,890	10,587	0.0166	
13	444-1	Street Lighting	50,834	6,535	0.1286	
14						
15						
16						
17						
18		TOTALS	50,834	6,535	0.1286	
19		TOTALS	687,724	17,122	0.0249	
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	

ELECTRIC OPERATING REVENUES (Account 400)						
1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.		4. Unmetered sales should be included below. The details of such sales should be given in a footnote.				
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.		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				
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate		of Accounts. Explain basis of Classification				
		Operating Revenues			Average Number of Customers per Month	
		Kilowatt-hours Sold				
Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)
						Increase or (Decrease) from Preceding Year (g)
1	SALES OF ELECTRICITY					
2	440 Residential Sales	2,956,384	(356,731)	21,819,499	(950,319)	2,852
3	442 Commercial and Industrial Sales	0	0	0	0	0
4	Small Commercial B Sales	166,520	(21,973)	1,184,033	(55,334)	158
5	Large Commercial C Sales	1,219,965	(78,577)	9,935,966	153,087	36
6	444 Municipal Sales	17,122	(4,843)	687,724	41,931	18
7	445 Other Sales to Public Authorities	0	0	0	0	0
8	446 Sales to Railroads and Railways	0	0	0	0	0
9	448 Interdepartmental Sales	0	0	0	0	0
10	449 Miscellaneous Sales	29,260	(1,921)	179,913	(19,793)	4
11	Total Sales to Ultimate Consumers					
12	Sales for Resale	4,389,251	(464,045)	33,807,135	(830,428)	3,068
13	Total Sales of Electricity*					
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	12,618	11,737			
19	455 Interdepartmental Rents	0	0			
20	456 Other Electric Revenues	22,125	7,937			
21						
22						
23						
24						
25	Total Other Operating Revenues	34,743	19,674			
26	Total Electric Operating Revenue	4,423,994	(444,371)			
					* Includes revenues from application of fuel clauses \$	
					3,362,295	
					Total KWH to which applied	
					33,642,911	

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	21,819,499	2,956,384	0.1355	2,845	2,852
2		Commercial	1,184,033	166,520	0.1406	159	158
3		Industrial	9,935,966	1,219,965	0.1228	36	36
4		Municipal Building	636,890	10,587	0.0166	17	18
5		Municipal Street Lighting	50,834	6,535	0.1286		
6		Security Light	179,913	29,260	0.1626		
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			33,807,135	4,389,251	0.1298	3,057	3,064

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	2,008,330	(477,690)
27	556 System control and load dispatching	0	0
28	557 Other expenses	409,447	(218,287)
29	Total other power supply expenses	2,417,777	(695,977)
30	Total power production expenses	2,417,777	(695,977)
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	14,658	1,429
6	583 Overhead line expenses	106,318	(40,716)
7	584 Underground line expenses	251	(143)
8	585 Street lighting and signal system expenses	6,879	(314)
9	586 Meter expenses	10,474	137
10	587 Customer installations expenses	0	0
11	588 Miscellaneous distribution expenses	148,099	8,060
12	589 Rents	0	0
13	Total operation	286,679	(31,547)
14	Maintenance:		
15	590 Maintenance supervision and engineering	0	0
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	0	(5,360)
18	593 Maintenance of overhead lines	329,161	4,531
19	594 Maintenance of underground lines	623	447
20	595 Maintenance of line transformers	1,264	(2,345)
21	596 Maintenance of street lighting and signal systems	1,385	1,041
22	597 Maintenance of meters	1,459	1,459
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	333,892	(227)
25	Total distribution expenses	620,571	(31,774)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	5,110	(4,739)
30	903 Customer records and collection expenses	228,735	15,176
31	904 Uncollectible accounts	1,181	(1,321)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	235,026	9,116
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	164,573	15,881
44	921 Office supplies and expenses	20,296	7,201
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	86,747	78
47	924 Property insurance	11,401	121
48	925 Injuries and damages	0	0
49	926 Employee pensions and benefits	380,362	(120,466)
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	33,250	6,547
53	931 Rents	0	0
54	Total operation	696,629	(90,638)

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	2,668	(1,338)	
4	933 Transportation	62,201	13,938	
5	Total administrative and general expenses	761,498	(78,038)	
	Total Electric Operation and Maintenance Expenses	4,034,872	(796,673)	
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	2,417,777	0	2,417,777
13	Total power production expenses	2,417,777	0	2,417,777
14	Transmission Expenses	0	0	0
15	Distribution Expenses	286,679	333,892	620,571
16	Customer Accounts Expenses	235,026	0	235,026
17	Sales Expenses	0	0	0
18	Administrative and General Expenses	696,629	64,869	761,498
19	Total Electric Operation and			
20	Maintenance Expenses	3,636,111	398,761	4,034,872
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)			101.50%
22	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.			\$848,298
23	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)			9

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		TAXES CHARGED DURING THE YEAR							
Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	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.						
			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									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28	TOTALS								

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

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.

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.

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.

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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31					
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34					
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36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
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	183,833			183,833
5	Commissions				
6	Other (list according to major classes)				
7	Shared Pole Cost				
8					
9					
10	Total Revenues	183,833	0	0	183,833
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					
33					
34					
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)	183,833	0	0	183,833

Annual report of:

ASHBURNHAM MUNICIPAL LIGHT DEPT.

Year Ended December 31, 2019

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								
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9								
10								
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26								
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29								
30								
31								

Annual Report of: ASHBURNHAM MUNICIPAL LIGHT DEPT. Year Ended December 31, 2019

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.

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
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								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
	TOTALS:	0	0.00	0.00	0.00	0.00		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			195		
15	National Grid							
16	Rate Stabilization							
17	Other Misc Power							
18	Transmission Costs							
19	Integritys							
20	Flush of Funds							
21								
22								
23								
24								
25								
26								
27	** Includes transmission and administrative charges.							
28								

Annual Report of:

ASHBURNHAM MUNICIPAL LIGHT DEPT.

Year Ended December 31, 2019

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		2,879,634	19,003	14,320	33,373	66,696	\$0.0232	1
60 MINUTES		14,121	29,568	2,626	1,685	33,879	\$2.3992	2
60 MINUTES		309,784	87,386	8,787	2,765	98,938	\$0.3194	3
60 MINUTES		143,387	3,645	756	11	4,412	\$0.0308	4
60 MINUTES		1,229,315	38,475	7,722	1,164	47,361	\$0.0385	5
60 MINUTES		1,684,142	53,237	10,580	1,597	65,414	\$0.0388	6
60 MINUTES		2,381,701	60,977	12,557	147	73,681	\$0.0309	7
60 MINUTES		294,368	7,660	1,552	19	9,231	\$0.0314	8
60 MINUTES		4,290,789	127,886	22,622	262	150,770	\$0.0351	9
60 MINUTES		0	0	0	9,568	9,568	N/A	10
		0	0	0	364,745	364,745	N/A	11
		6,897,550	32,550	366,186	0	398,736	\$0.0578	12
60 MINUTES		1,747,638	0	278,987	0	278,987	\$0.1596	13
60 MINUTES		694,874	0	35,682	38	35,720	\$0.0514	14
		0	0	0	(12,712)	(12,712)	N/A	15
		0	0	0	33,939	33,939	N/A	16
		0	0	0	84,581	84,581	N/A	17
		0	0	0	2,831	2,831	N/A	18
		4,080,581	0	0	234,355	234,355	N/A	19
		0	0	0	(61,661)	(61,661)	N/A	20
							N/A	21
							N/A	22
							N/A	23
								24
								25
								26
								27
								28
	TOTALS:	26,647,884	460,387	762,377	696,707	1,919,471		

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.
2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).
3. Particulars of settlements for interchange power coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

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

Line No.	Name of Company (a)	Inter-change Across State Lines (b)	Point of Interchange (c)	Voltage at Which Inter-changed (d)	Kilowatt-hours		Net Difference (g)	Amount of Settlement (h)
					Received (e)	Delivered (f)		
1	NEPEX		SO. ASHBURNHAM		34,238,930	24,983,100	9,255,830	498,306
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15			TOTALS		34,238,930	24,983,100	9,255,830	498,306

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
16	NEPEX	INTERCHANGE EXPENSE	419,461
17		NEPOOL EXPENSES	78,845
18			
19			
20			
21			
22			
23		TOTAL	498,306
24			

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	0
7	Total Generation	0
8	Purchases	26,647,884
9	(In (gross)	34,238,930
10	Interchanges < Out (gross)	(24,983,100)
11	(Net (Kwh)	9,255,830
12	(Received	0
13	Transmission for/by others (wheeling) < Delivered	0
14	(Net (Kwh)	0
15	TOTAL	35,903,714
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	33,807,135
18	Sales for resale	0
19	Energy furnished without charge	
20	Energy used by the company (excluding station use):	
21	Electric department only	96,523
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses 5.57%	2,000,056
25	Unaccounted for losses	
26	Total energy losses	2,000,056
27	Energy losses as percent of total on line 5.57%	
28	TOTAL	35,903,714

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.

2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and 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.

3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)

4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net 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 Ashburnham

Line No.	Month (a)	Monthly Peak					Monthly Output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	
29	January	7,090	Monday	01/21/2019	20:00	60 min	3,587,399
30	February	8,726	Friday	02/01/2019	12:00	60 min	3,099,834
31	March	6,704	Tuesday	03/05/2019	16:00	60 min	3,123,712
32	April	6,418	Monday	04/01/2019	22:00	60 min	2,645,657
33	May	4,919	Monday	05/13/2019	19:00	60 min	2,599,837
34	June	5,081	Wednesday	06/26/2019	21:00	60 min	2,567,249
35	July	7,274	Saturday	07/20/2019	22:00	60 min	3,364,667
36	August	7,345	Friday	08/23/2019	20:00	60 min	3,039,931
37	September	5,578	Tuesday	09/03/2019	20:00	60 min	2,617,500
38	October	5,510	Sunday	10/06/2019	19:00	60 min	2,743,191
39	November	6,048	Sunday	11/17/2019	18:00	60 min	3,034,008
40	December	7,056	Tuesday	12/03/2019	13:00	60 min	3,480,729
41						TOTAL	35,903,714

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								
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47								
* where other than 60 cycle, 3 phase, so indicate.								

SUBSTATIONS

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											
2	Ashburnham	Dist. Unatt. Substation	115000	13800	N/A	20,000	1	0	Batt. Storage	1	3MW/5MWh
3											
4											
5											
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7											
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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	140.10		140.10
2	Added During Year	0.59		0.59
3	Retired During Year	0.00		0.00
4	Miles -- End of Year	140.69	0.00	140.69
5	* Distribution System Characteristics - AC, 3 Phase, 60 cycles and 13800/7970 operating voltages for Light and Power			
6				
7				
8				
9				
10				
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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:	3,084	3,187	1,384	35,480
17	Additions during year				
18	Purchased	0	13	24	475
19	Installed	23	0	0	0
20	Associated with utility plant acquired				
21	Total Additions	23	13	24	475
22	Reductions during year:				
23	Retirements	8	11	14	183
24	Associated with utility plant sold				
25	Total Reductions	8	11	14	183
26	Number at end of year	3,099	3,189	1,394	35,772
27	In stock		90	57	4,513
28	Locked meters on customers' premises		24	0	0
29	Inactive transformers on system		0	0	0
30	In customers' use		3,071	1,330	27,959
31	In company's use		4	7	3,300
32	Number at end of year		3,189	1,394	35,772

*

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 *	Operating Voltage (d)	Feet *	Operating Voltage (f)
1	Town of Ashburnham - General	7.547	8.077	7,970	0	0
2		0.227	0.227	120/240		
3						
4						
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47						
48						
49	TOTALS	7.774	8.304	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	138	0	0	0	0	0	39	0
2	Ashburnham Water	2	0	0	0	0	0	0	2	0
3	Private Res & Comm	425	0	35	0	20	0	0	0	370
4	Stevens Memorial Library	1	0	0	0	0	0	0	1	0
5										
6										
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49										
50										
51										
52	TOTALS	605	138	35	0	20	0	0	42	370

Next Page is 79

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
		See Attached Rate Schedule		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

Mayor

Kevin Sullivan

Manager of Electric Light

Mark Carlisle

Stephen Hogan

Richard Ahlin

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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FOR GAS PLANTS ONLY:	Page		Page
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ASHBURNHAM MUNICIPAL LIGHT PLANT (AMLPL)
ASHBURNHAM, MASSACHUSETTS

PURCHASED POWER COST ADJUSTMENT PPCA
NYPA* ADJUSTMENT CLAUSE

PURCHASED POWER COST ADJUSTMENT "PPCA"

APPLICABLE: To all kilowatt-hours sold under MDPU numbers 86, 87, 88 and 90.

RATE

The AMLP may, at its option, from time to time adjust bills by a charge or credit applied to monthly kilowatt hours which reflects the difference between purchased power collected and purchased power billed to or incurred by the AMLP. Such a charge or credit will be determined by the AMLP on an as required basis.

NYPA ADJUSTMENT CLAUSE

APPLICABLE: To all kilowatt-hours sold under MDPU number 86.

RATE

- (A) The average cost of power from the AMLP's NYPA purchases will be determined on a per kilowatt-hour basis;
- (B) The average cost of comparable replacement power for the AMLP's NYPA purchases will be determined on a per kilowatt-hour basis;
- (C) The difference between (B) and (A) above will be multiplied by the kilowatt-hours purchased from NYPA to develop the actual NYPA savings;
- (D) The NYPA credit in cents per kilowatt-hour will be determined by dividing the NYPA savings by the total kilowatt-hours sold under MDPU number 86.

MDPU 95 Cancels MDPU 92

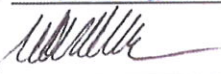
Date effective: December 1, 2019

Filed by Ashburnham Municipal Light Commission

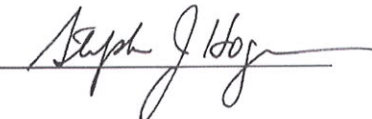
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