

The Commonwealth of Massachusetts

Return

of the

Municipal Light Department of

the Town of Danvers

to the

The Commonwealth of Massachusetts

Department of Telecommunications & Energy

For the Year ended December 31,

2017

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

Official title: DPW Business Manager

Peter Korpusik

Office address: 2 Burroughs Street

Danvers, MA 01923

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		
2	From sales of electricity	40,359,727	
3			
	TOTAL	40,359,727	
4			
EXPENSES			
6	For operation, maintenance and repairs	36,643,890	
7	For interest on bonds, notes or scrip	222,000	
8	For depreciation fund (3-5 % as per page 9)	2,493,569	
9	For sinking fund requirements		
10	For note payments		
11	For bond payments		
12	For loss in preceding year		
13			
	TOTAL	39,359,459	
14			
COST:			
16	Of gas to be used for municipal buildings		
17	Of gas to be used for street lights		
18	Of electricity to be used for municipal buildings	1,000,593	
19	Of electricity to be used for street lights	108,058	
20	Total of above items to be included in the tax levy	1,108,651	
21			
22	New construction to be included in the tax levy		
23	Total amounts to be included in the tax levy	1,108,651	
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	
	None	Danvers, MA	13,243
TOTAL	0	TOTAL	13,243

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 <u>0</u>

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

1.	Street lights	108,058
2.	Municipal buildings	1,000,593
3.		
		TOTAL <u>1,108,651</u>

* Date of meeting and whether regular or special

** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

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

In electric property: None

In gas property: Not applicable

Bonds (Issued on Account of Gas or Electric Lighting.)									
When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Rate	Interest When Payable	Amount Outstanding at End of Year		
			Amounts	When Payable					
04/16/1888	02/01/1899	15,000							
04/12/1896	06/01/1899	11,000							
03/23/1897	06/01/1897	4,000							
07/02/1898	07/01/1898	5,000							
05/15/1899	04/01/1899	4,000							
04/05/1900	04/01/1900	1,500							
03/18/1901	04/01/1901	5,500							
04/08/1903	04/01/1903	2,000							
04/18/1904	04/01/1904	1,400							
04/17/1905	04/01/1905	20,000							
03/25/1907	04/01/1907	9,000							
04/01/1908	07/01/1908	11,500							
01/16/1911	02/01/1911	3,000							
04/01/1911	04/01/1911	8,000							
03/15/1912	05/01/1912	4,000							
02/08/1913	10/01/1913	7,000							
01/24/1910	02/01/1910	12,000							
03/18/1935	06/01/1935	15,000							
	10/01/1941	40,000							
04/03/1952	05/15/1952	50,000							
03/18/1957	07/01/1957	75,000							
05/07/1962	10/15/1962	275,000							
01/20/1975	07/15/1976	400,000							
05/15/1978	11/15/1978	2,000,000							
5/17/2004	7/11/2008	4,847,221	variable	July	variable	July and January	1,956,700		
5/19/2008	7/1/2010	4,400,000	variable	July	variable	July and January	2,660,000		
5/19/2008	7/7/2011	900,000	variable	July	variable	July and January	540,000		
5/19/2008	7/15/2014	684,543	variable	July	variable	July and January	580,000		
	TOTAL	13,810,664				TOTAL	5,736,700		

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		Rate	Interest When Payable	Amount Outstanding at End of Year
			Amounts	When Payable			
17-May-04	02/04/05	1,000,000	1,000,000	02/03/06	3.25	02/03/06	-
	07/15/05	750,000	750,000	07/14/06	3.75	07/14/06	-
	02/03/06	1,000,000	1,000,000	07/14/06	4.50	07/14/06	0
	07/14/06	1,750,000	1,750,000	07/13/07	4.50	07/13/07	0
	12/08/06	2,700,000	2,700,000	07/13/07	3.54	07/13/07	0
19-May-08	07/13/07	4,394,444	4,394,444	07/11/08	4.25	07/11/08	0
	12/06/08	2,000,000	2,000,000	07/10/09	2.50	07/10/09	0
	07/10/09	4,400,000	4,400,000	07/09/10	2.00	07/09/10	0
	07/09/10	900,000	900,000	07/08/11	1.50	07/08/11	0
	05/10/12	700,000	700,000	07/03/13	1.25	07/03/13	0
	7/3/2013	700,000	700,000	07/03/14	1.00	07/03/14	0
	TOTAL		20,294,444				TOTAL

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

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	0	0	0	0	0	0
2							
3							
4							
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

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) or (d) as appropriate.

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

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

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	0					0
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and Accessories						
14	343 Prime Movers						
15	344 Generators						
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant Equipment						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
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	422,409	0				422,409
3	361 Structures and Improvements	488,345	0				488,345
4	362 Station Equipment	18,882,785	930,856				19,813,641
5	363 Storage Battery Equipment	0	0				0
6	364 Poles Towers and Fixtures	4,444,987	96,476				4,541,463
7	365 Overhead Conductors and Devices	13,258,249	550,694				13,808,943
8	366 Underground Conduit	446,376	0				446,376
9	367 Underground Conductors and Devices	3,860,357	587,857				4,448,214
10	368 Line Transformers	7,057,530	179,713				7,237,243
11	369 Services	1,403,413	36,658				1,440,071
12	370 Meters	6,640,155	6,133	1,705,503			4,940,785
13	371 Installations on Customer's Premises	0	0				0
14	372 Leased Prop on Customer's Premises	0	0				0
15	373 Streetlight and Signal Systems	617,036	0				617,036
16	Total Distribution Plant	3,497,382	827,999	1,705,503	0	0	4,325,381
17	5. GENERAL PLANT	61,019,024	3,216,386				62,529,907
18	382 Computer Hardware/Software	5,215,190	1,166				5,216,356
19	389 Land and Land Rights	0	0				0
20	390 Structures and Improvements	4,702,522	29,875				4,732,397
21	391 Office Furniture and Equipment	502,073	42,284				544,357
22	392 Transportation Equipment	3,509,595	355,588				3,865,183
23	393 Stores Equipment	0	0				0
24	394 Tools, Shop and Garage Equipment	215,304	0				215,304
25	395 Laboratory Equipment	240,687	0				240,687
26	396 Power Operated Equipment	437,708	0				437,708
27	397 Communication Equipment	4,433,181	70,522				4,503,703
28	398 Miscellaneous Equipment	178,267	0				178,267
29	399 Other Tangible Property	1,664,028	0				1,664,028
30	Total General Plant	21,098,555	499,435	0	0	0	21,597,990
31	Total Electric Plant in Service	82,117,579	3,715,821	1,705,503	0	0	84,127,897
33							84,127,897
34							422,409
							83,705,488

Total Cost of Electric Plant.....
 Less Cost of Land, Land Rights, Rights of Way.....
 Total Cost upon which Depreciation is based.....

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)	32,389,294	33,856,669	1,467,375
3	101	Utility Plant - Gas (P. 20)			0
4					
5		Total Utility Plant	32,389,294	33,856,669	1,467,375
6					
7					
8					
9					
10					
11		FUND ACCOUNTS			
12	125	Sinking Funds			0
13	126	Depreciation Fund (P. 14)	4,369,854	2,306,960	(2,062,894)
14	128	Other Special Funds	14,294,723	14,605,968	311,245
15		Total Funds	18,664,577	16,912,928	(1,751,649)
16		CURRENT AND ACCRUED ASSETS			
17	131	Cash (P. 14)	(1,143,437)	4,447,371	5,590,808
18	132	Special Deposits	572,790	561,622	(11,168)
19	135	Working Funds	48,271	109,257	60,986
20	141	Notes Receivable			0
21	142	Customer Accounts Receivable	5,125,170	4,990,223	(134,947)
22	143	Other Accounts Receivable	726,031	430,827	(295,204)
23	146	Receivables from Municipality	2,529,601	2,245,155	(284,446)
24	151	Materials and Supplies (P. 14)	2,970,190	2,562,120	(408,070)
25					
26	165	Prepayments	1,482,030	1,084,945	(397,085)
27	174	Miscellaneous Current Assets	547,218	589,130	41,912
28		Total Current and Accrued Assets	12,857,864	17,020,650	4,162,786
29		DEFERRED DEBITS			
30	181	Unamortized Debt Discount			
31	182	Extraordinary Property Losses			
32	185	Other Deferred Debits	1,460,643	1,210,232	(250,411)
33		Total Deferred Debits	1,460,643	1,210,232	(250,411)
34					
35		Total Assets and Other Debits	65,372,378	69,000,479	3,628,101

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
3		SURPLUS			
4	205	Sinking Fund Reserves			0
5	206	Loans Repayment	2,333,504	2,333,504	0
6	207	Appropriations for Construction Repayments			0
7	208	Unappropriated Earned Surplus (P. 12)	34,272,264	36,287,413	2,015,149
8		Total Surplus	36,605,768	38,620,917	2,015,149
9		LONG TERM DEBT			
10	221	Bonds (P. 6)	6,381,700	5,736,700	(645,000)
11	231	Notes Payable (P. 7)			0
12		Total Bonds and Notes	6,381,700	5,736,700	(645,000)
13		CURRENT AND ACCRUED LIABILITIES			
14	232	Accounts Payable	1,642,924	2,469,696	826,772
15	234	Payables to Municipality			0
16	235	Customers' Deposits	481,795	464,256	(17,539)
17	236	Taxes Accrued			0
18	237	Interest Accrued	142,965	130,201	(12,764)
19	242	Miscellaneous Current and Accrued Liabilities	10,504,455	11,702,022	1,197,567
20		Total Current and Accrued Liabilities	12,772,139	14,766,175	1,994,036
21		DEFERRED CREDITS			
22	251	Unamortized Premium on Debt			0
23	252	Customer Advances for Construction			0
24	253	Other Deferred Credits	9,414,489	9,686,188	271,699
25		Total Deferred Credits	9,414,489	9,686,188	271,699
26		RESERVES			
27	260	Reserves for Uncollectible Accounts	198,282	190,500	(7,782)
28	261	Property Insurance Reserve			0
29	262	Injuries and Damages Reserves			0
30	263	Pensions and Benefits Reserves			0
31	265	Miscellaneous Operating Reserves			0
32		Total Reserves	198,282	190,500	(7,782)
33		CONTRIBUTIONS IN AID OF CONSTRUCTION			
34	271	Contributions in Aid of Construction			0
35		Total Liabilities and Other Credits	65,372,378	69,000,480	3,628,102

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)	40,306,215	(1,985,634)
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	37,274,890	(403,261)
5	402 Maintenance Expense	928,220	64,957
6	403 Depreciation Expense	2,397,219	38,581
7	407 Amortization of Property Losses		
8			
9	408 Taxes (P. 49)	48,495	19,641
10	Total Operating Expenses	40,648,824	(280,082)
11	Operating Income	(342,609)	(1,705,552)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	(342,609)	(1,705,552)
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	43,060	(863,853)
17	419 Interest Income	238,583	117,379
18	421 Miscellaneous Nonoperating Income (P. 21)	3,746,975	2,738,050
19	Total Other Income	4,028,618	1,991,576
20	Total Income	3,686,009	286,024
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization		
23	426 Other Income Deductions		
24	Total Income Deductions	0	0
25	Income Before Interest Charges	3,686,009	286,024
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes	234,981	(12,954)
28	428 Amortization of Debt Discount and Expense	0	99,714
29	429 Amortization of Premium on Debt - Credit		
30	431 Other Interest Expense	2,883	571
31	432 Interest: Charged to Construction - Credit		
32	Total Interest Charges	237,864	87,331
33	NET INCOME	3,448,145	198,693
EARNED SURPLUS			
Line No.	Account (a)		
34	208 Unappropriated Earned Surplus (at beginning of period)	34,272,264	(1,590,961)
35	pending labor distribution adjustment		
36			
37	433 Balance Transferred from Income	3,448,145	198,693
38	434 Miscellaneous Credits to Surplus (P. 21)	148,773	(5,634,532)
39	435 Miscellaneous Debits to Surplus (P. 21)	(1,581,769)	9,041,949
40	436 Appropriations of Surplus (P. 21)		
41	437 Surplus Applied to Depreciation		
42	208 Unappropriated Earned Surplus (at end of period)	36,287,413	2,015,149
43			
44	TOTALS	36,287,413	2,015,149

CASH BALANCES AT END OF YEAR

Line No.	Items (a)	Amount (b)
1	Operation Fund	4,447,371
2	Interest Fund	
3	Bond Fund	
4	Construction Fund	
5		
6		
7		
8		
9		
10		
11		
12	TOTAL	

**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)	2,562,120	
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	2,810,387	0

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	DEBITS	
25	Balance of account at beginning of year	4,369,854
26	Income during year from balance on deposit (interest)	49,480
27	Amount transferred from income (depreciation)	2,450,891
28	Bond proceeds	0
29	TOTAL	6,870,225
30	CREDITS	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	3,715,820
32	Amounts expended for renewals, viz:-	0
33	Prior Year adjustment	0
34	Principal Payment	645,000
35	Depreciation correction related to asset retirement	202,445
36		
37		
38		
39	Balance on hand at end of year	2,306,960
40	TOTAL	6,870,225

		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.		4. Reclassifications or transfers within utility plant accounts should be shown in column (f).		
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						
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		0	0	0	0	0		0
3								
4								
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)	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						
18	Total Other Production Plant	0	0	0	0	0	0
19	Total Production Plant	0	0	0	0	0	0
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	422,409	0	0			422,409
3	361 Structures and Improvements	38,554	0	14,650			23,904
4	362 Station Equipment	4,850,430	930,856	566,484			5,214,802
5	363 Storage Battery Equipment	0	0	0			0
6	364 Poles Towers and Fixtures	1,073,005	96,476	133,350			1,036,131
7	365 Overhead Conductors and Devices	5,904,686	550,694	397,767			6,057,613
8	366 Underground Conduit	445,226	0	13,391			431,835
9	367 Underground Conductors and Devices	493,853	587,857	115,811			965,899
10	368 Line Transformers	304,881	179,713	211,726			272,868
11	369 Services	115,028	36,658	42,102			109,584
12	370 Meters	3,855,480	6,133	145,533		148,773	3,864,853
13	371 Installations on Customer's Premises	492,494	0	18,511			473,983
14	372 Leased Prop on Customer's Premises	0	0	0			0
15	373 Streetlight and Signal Systems	1,510,516	827,999	104,921			2,233,594
16	Total Distribution Plant	19,506,562	3,216,386	1,764,246	0	148,773	21,107,475
17	5. GENERAL PLANT						
18	382 Computer Hardware	3,684,396	1,166	127,399			3,558,163
19	383 Computer Software	851,127	0	29,073			822,054
20	389 Land and Land Rights	0	0	0			0
21	390 Structures and Improvements	2,033,728	29,875	141,076			1,922,527
22	391 Office Furniture and Equipment	149,194	42,284	15,062			176,416
23	392 Transportation Equipment	1,844,545	355,588	105,288			2,094,845
24	393 Stores Equipment	0	0	0			0
25	394 Tools, Shop and Garage Equipment	63,132	0	6,459			56,673
26	395 Laboratory Equipment	75,303	0	7,221			68,082
27	396 Power Operated Equipment	115,637	0	13,131			102,506
28	397 Communication Equipment	3,519,210	70,522	132,995			3,456,737
29	398 Miscellaneous Equipment	30,197	0	5,348			24,849
30	399 Other Tangible Property	516,263	0	49,921			466,342
31	Total General Plant	12,882,732	499,435	632,973	0	0	12,749,194
32	Total Electric Plant in Service	32,389,294	3,715,821	2,397,219	0	148,773	33,856,669
33	104 Utility Plant Leased to Others	0	0	0			0
34	105 Property Held for Future Use	0	0	0			0
35	107 Construction Work in Progress	0	0	0			0
36	Total Utility Plant Electric	32,389,294	3,715,821	2,397,219	0	148,773	33,856,669

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	0			
2	Received During Year	0			
3	TOTAL	0			
4	Used During Year (Note A)	0			
5		0			
6					
7					
8					
9					
10					
11	Sold or Transferred	0			
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	MMWEC flush of funds	3,402,563
2	Collection/NSF Charges	18,755
3	Sports Fields Floodlights	2,004
4	Other Income	289,628
5	Receipt of rebate for DOER LED Street Light Grant	34,025
6	TOTAL	3,746,975
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8	none	
9		
10		
11		
12		
13		
14	TOTAL	0
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15	Correct excess depreciation on assets being retired	(148,773)
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	(148,773)
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24	In Lieu of Taxes - Town of Danvers	766,874
25	Prior period adjustment to reverse CRS assessment paid after measurement date (Audit adjusting entry)	814,895
26		
27		
28		
29		
30		
31		
32	TOTAL	1,581,769
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33		
34	none	
35		
36		
37		
38		
39		
40	TOTAL	0

MUNICIPAL REVENUES (Account 482,444)
(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)
1					
2					
3					
4		TOTALS			
		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)	1,768,774	259,246	14.6568
6	444-3	Municipal Power	6,656,441	885,651	13.3052
7					
8					
9					
10					
11					
12		TOTALS	8,425,215	1,144,897	13.5889
13	444-1	Street Lighting:	929,414	125,663	13.5207
14					
15					
16					
17					
18		TOTALS	929,414	125,663	13.5207
19		TOTALS	9,354,629	1,270,560	13.5822

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	MMWEC	Town Line (115kV)	156,841,443	9,638,462	6.1454
21	Shell	Town Line (115kV)	29,408,200	1,193,679	4.0590
22	Nextera	Town Line (115kV)	96,550,600	3,758,021	3.8923
23	Brown Bear	Town Line (115kV)	9,003,672	427,166	4.7444
24	Saddleback	Town Line (115kV)	9,160,499	611,390	6.6742
25	Canton Mountain	Town Line (115kV)	1,175,901	110,801	9.4226
26	Classico	Dist System (23kV)	1,355,769	155,913	11.5000
27	NEPEX	Town Line (115kV)	7,147,047	750,694	10.5036
28					
29		TOTALS	310,643,131	16,646,126	5.3586

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					n/a
31		n/a			
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.
 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 meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.
 4. Unmetered sales should be included below. The details of such 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.
 5. Classification on Commercial and Industrial Sales, Account 44; Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is more than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification.

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	13,801,847	(698,086)	90,654,001	(594,997)	11,334	37		
3	442 Commercial and Industrial Sales	3,626,683	(206,568)	24,088,419	(571,453)	1,382	(3)		
4	Small Commercial B Sales	22,574,079	(1,000,620)	175,248,997	(1,335,754)	405	2		
5	Large Commercial C Sales	1,270,560	(87,048)	9,354,629	(904,143)	131	(1)		
6	444 Municipal Sales								
7	445 Other Sales to Public Authorities								
8	446 Sales to Railroads and Railways	170,641	(4,718)	903,503	0	168	(4)		
9	448 Interdepartmental Sales	41,443,810	(1,997,040)	300,249,549	(3,406,347)	13,420	31		
10	449 Miscellaneous Sales								
11	Total Sales to Ultimate Consumers	41,443,810	(1,997,040)	300,249,549	(3,406,347)	13,420	31		
12	447 Sales for Resale								
13	Total Sales of Electricity*	41,443,810	(1,997,040)	300,249,549	(3,406,347)	13,420	31		
14	OTHER OPERATING REVENUES								
15	450 Forfeited Discounts	(1,139,395)	11,407						
16	451 Miscellaneous Service Revenues								
17	453 Sales of Water and Water Power							18,021,130	
18	454 Rent from Electric Property								
19	455 Interdepartmental Rents	1,800	0						
20	456 Other Electric Revenues								
21								299,316,396	
22									
23									
24									
25	Total Other Operating Revenues	(1,137,595)	11,407						
26	Total Electric Operating Revenue	40,306,215	(1,985,633)						

* Includes revenues from application of fuel clauses \$

Total KWH to which applied

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)	
						Jun 30 (e)	Dec 31 (f)
1	400.000	Domestic A	90,654,001	13,801,847	0.1522	11,324	11,343
2	400.100	Domestic Heat D					
3	442.100	Small Commercial B	24,088,419	3,626,683	0.1506	1,380	1,383
4	442.200	Large Commercial C-II	125,427,917	16,305,283	0.1300	386	384
5	442.300	Large Commercial AMC	49,821,080	6,268,796	0.1258	19	20
6	444.100	Streetlighting	929,414	125,663	0.1352	1	1
7	444.200	Municipal Power MB	1,768,774	259,246	0.1466	115	114
8	444.300	Municipal Power MC	6,656,441	885,651	0.1331	16	15
9	445.000	Protective Lighting	903,503	170,641	0.1889	165	170
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)			300,249,549	41,443,810	0.1380	13,406	13,430

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
5	501 Fuel		0
6	502 Steam Expenses		0
7	503 Steam from other sources		0
8	504 Steam transferred -- Cr.		0
9	505 Electric expenses		0
10	506 Miscellaneous steam power expenses		0
11	507 Rents		0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering		0
15	511 Maintenance of Structures		0
16	512 Maintenance of boiler plant		0
17	513 Maintenance of electric plant		0
18	514 Maintenance of miscellaneous steam plant		0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering		0
24	518 Fuel		0
25	519 Coolants and water		0
26	520 Steam Expenses		0
27	521 Steam from other sources		0
28	522 Steam transferred -- Cr.		0
29	523 Electric expenses		0
30	524 Miscellaneous nuclear power expenses		0
31	525 Rents		0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering		0
35	529 Maintenance of Structures		0
36	530 Maintenance of reactor plant		0
37	531 Maintenance of electric plant		0
38	532 Maintenance of miscellaneous nuclear plant		0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering		0
44	536 Water for power		0
45	537 Hydraulic expenses		0
46	538 Electric expenses		0
47	539 Miscellaneous hydraulic power generation expenses		0
48	540 Rents		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
4	542 Maintenance of structures		0
5	543 Maintenance of reservoirs, dams and waterways		0
6	544 Maintenance of electric plant		0
7	545 Maintenance of miscellaneous hydraulic plant		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
13	547 Fuel		0
14	548 Generation Expenses		0
15	549 Miscellaneous other power generation expense		0
16	550 Rents		0
17	Total Operation	0	0
18	Maintenance:		
19	551 Maintenance supervision and engineering		0
20	552 Maintenance of Structures		0
21	553 Maintenance of generating and electric plant		0
22	554 Maintenance of miscellaneous other power generation plant		0
23	Total Maintenance	0	0
24	Total power production expenses - other power	0	0
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased power	20,785,136	(3,269,218)
27	556 System control and load dispatching	351,410	62,391
28	557 Other expenses	113,529	(1,133)
29	Total other power supply expenses	21,250,075	(3,207,960)
30	Total power production expenses	21,250,075	(3,207,960)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation supervision and engineering		
34	561 Load dispatching		
35	562 Station expenses		
36	563 Overhead line expenses		
37	564 Underground line expenses		
38	565 Transmission of electricity by others	5,476,176	180,379
39	566 Miscellaneous transmission expenses		
40	567 Rents		
41	Total Operation	5,476,176	180,379
42	Maintenance:		
43	568 Maintenance supervision and engineering		
44	569 Maintenance of structures		
45	570 Maintenance of station equipment		
46	571 Maintenance of overhead lines		
47	572 Maintenance of underground lines		
48	573 Maintenance of miscellaneous transmission plant		
49	Total maintenance	0	0
50	Total transmission expenses	5,476,176	180,379

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	1,416,641	(26,679)
4	581 Load dispatching (Operation Labor)	64,282	17,134
5	582 Station expenses	633,639	98,158
6	583 Overhead line expenses	288,093	11,085
7	584 Underground line expenses	80,976	42,736
8	585 Street lighting and signal system expenses	72,813	34,238
9	586 Meter expenses	1,189	(9,671)
10	587 Customer installations expenses	172,548	(13,363)
11	588 Miscellaneous distribution expenses	35,020	1,915
12	589 Rents		
13	Total operation	2,765,201	155,553
14	Maintenance:		
15	590 Maintenance supervision and engineering	112,136	10,783
16	591 Maintenance of structures	0	0
17	592 Maintenance of station equipment	74,974	(62,818)
18	593 Maintenance of overhead lines	417,152	61,740
19	594 Maintenance of underground lines	12,204	5,253
20	595 Maintenance of line transformers	1,591	(162)
21	596 Maintenance of street lighting and signal systems	0	(2,522)
22	597 Maintenance of meters	6,175	100
23	598 Maintenance of miscellaneous distribution plant		
24	Total maintenance	624,232	12,374
25	Total distribution expenses	3,389,433	167,927
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision	0	(45)
29	902 Meter reading expenses	159,265	(26,179)
30	903 Customer records and collection expenses	833,789	32,920
31	904 Uncollectible accounts	25,438	(78,449)
32	905 Miscellaneous customer accounts expenses (Energy Cons)	248,780	(276,928)
33	Total customer accounts expenses	1,267,272	(348,681)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision		
37	912 Demonstrating and selling expenses		
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses		
40	Total sales expenses	0	0
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and general salaries	1,005,251	114,495
44	921 Office supplies and expenses	428,166	(39,655)
45	922 Administrative expenses transferred - Cr		0
46	923 Outside services employed	308,073	89,760
47	924 Property insurance	208,990	6,146
48	925 Injuries and damages		0
49	926 Employee pensions and benefits	4,164,290	2,653,547
50	928 Regulatory commission expenses		0
51	929 Store Expense	248,267	(26,709)
52	930 Miscellaneous general expenses	153,129	19,865
53	931 Rents	0	0
54	Total operation	6,516,166	2,817,449

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	303,988	52,583
4	Total administrative and general expenses	6,820,154	2,870,032
5	Total Electric Operation and Maintenance Expenses	38,203,110	(338,303)

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	21,250,075		21,250,075
13	Total power production expenses	21,250,075		21,250,075
14	Transmission Expenses	5,476,176		5,476,176
15	Distribution Expenses	2,765,201	624,232	3,389,433
16	Customer Accounts Expenses	1,267,272		1,267,272
17	Sales Expenses	0		0
18	Administrative and General Expenses	6,516,166	303,988	6,820,154
19	Total Electric Operation and			
20	Maintenance Expenses	37,274,890	928,220	38,203,110

- 21 Ratio of operating expenses to operating revenues
(carry out decimal two places, (e.g.. 0.00%)) 1.01
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)
- 22 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts. \$5,052,962
- 23 Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees) 60

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.	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.			
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)
1	local	48,495	48,495					
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	48,495	48,495	48,495				

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					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11		NONE			
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

OME 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,				0
3	allowances and returns				
4	Contract work	43,060			43,060
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	43,060	0	0	43,060
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16					
17	Materials	0			0
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)	43,060	0	0	43,060

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) n/a	Line No.
		Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
								1
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								38
								39
								40
								41
	TOTALS:	0	0.00	0.00		0.00		42

**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	115KV	8,672,628	80,047	42,669	153,008	275,724	\$0.0318	1
60 MINUTES	115KV	3,036,851		14,941		14,941	\$0.0049	2
60 MINUTES	115KV	25,525,428	975,075	170,742	19,987	1,165,804	\$0.0457	3
60 MINUTES	115KV	111,131,337	5,431,355	672,306	7,213	6,110,874	\$0.0550	4
60 MINUTES	115KV	8,098,548	1,091,025	439,569	22,015	1,552,609	\$0.1917	5
60 MINUTES	115KV	376,651	370,054	90,045	58,409	518,508	\$1.3766	6
	115KV	7,147,047		750,694		750,694	\$0.1050	7
	115KV	9,003,672		436,173	(9,006)	427,167	\$0.0474	8
60 MINUTES	115KV	58,400,000	766,100	2,188,350	(771,589)	2,182,861	\$0.0374	9
	115KV	38,150,600		1,575,160		1,575,160	\$0.0413	10
	115KV	9,160,499		837,659	(226,269)	611,390	\$0.0667	11
	23KV	1,355,769		155,913		155,913	\$0.1150	12
	115KV	29,408,200		1,193,679		1,193,679	\$0.0406	13
		1,175,901		110,801		110,801	\$0.0942	14
								15
								16
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								39
								40
								41
		310,643,131	8,713,656	8,678,701	(746,232)	16,646,125	0.0536	42

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	Other	
7	Total Generation	
8	Purchases	303,496,084
9	(In (gross)	310,643,131
10	Interchanges	303,496,084
11	< Out (gross)	
12	(Net (Kwh)	7,147,047
13	Transmission for/by others (wheeling)	0
14	(Received	
14	< Delivered	0
14	(Net (Kwh)	0
15	TOTAL	310,643,131
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales)	300,249,549
18	Sales for resale	
19	Energy furnished without charge	435,360
20	Energy used by the company (excluding station use):	
21	Electric department only	
22	Energy losses	
23	Transmission and conversion losses	
24	Distribution losses	3.21% 9,958,222
25	Unaccounted for losses	
26	Total energy losses	9,958,222
27	Energy losses as percent of total on line 15	3.21%
28	TOTAL	310,643,131

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.

Annual Report of The Town of Danvers

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	52,128	Monday		9	1800	60 min	26,996,402
30	February	47,606	Monday		13	1900	60 min	23,956,346
31	March	46,714	Saturday		4	1900	60 min	26,665,364
32	April	42,192	Tuesday		11	1700	60 min	22,816,578
33	May	61,949	Thursday		18	1400	60 min	23,743,337
34	June	69,955	Tuesday		13	1600	60 min	27,319,978
35	July	66,643	Wednesday		19	1700	60 min	29,415,665
36	August	65,549	Tuesday		22	1700	60 min	28,912,300
37	September	58,926	Wednesday		27	1600	60 min	23,618,856
38	October	47,318	Tuesday		10	1700	60 min	23,725,013
39	November	45,360	Tuesday		28	1800	60 min	23,736,839
40	December	56,362	Thursday		28	1800	60 min	28,417,883
41							TOTAL	309,324,561

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)		
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42								
43								
44								
45								
46								
47	TOTALS				0		0	

* 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 (j), (i), 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	Danversport	Unattended Dist.	23,000	4,150		7,500	2				
2	Highlands	Unattended Dist.	23,000	4,150		10,000	1				
3	Hathorne	Unattended Dist.	23,000	2,400		2,000	1				
4	Pond St.	Unattended Dist.	23,000	4,150		22,500	2				
5	Northland	Unattended Dist.	23,000	4,150		7,500	1				
6	Conant St.	Unattended Dist.	23,000	4,150		7,500	1				
7	Wood Electric	Unattended Dist.	23,000	4,150		40,000	2				
8	South Danvers #42	Unattended Dist.	115,000	23,000		150,000	3				
9	Cabot Road	Unattended Dist.	23,000	4,150		30,000	2				
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TOTALS						277,000	15	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles -- Beginning of Year	139.15	1.96	141.11
2	Added During Year	0.38		0.38
3	Retired During Year			0.00
4	Miles -- End of Year	139.53	1.96	141.49
5	*			
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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:			2,402	245,665.0
17	Additions during year				
18	Purchased			54	6,322.5
19	Installed				
20	Associated with utility plant acquired				
21	Total Additions	0	0	54	6,322.5
22	Reductions during year:				
23	Retirements			34	1,823.0
24	Associated with utility plant sold			1	75.0
25	Total Reductions	0		35	1,898.0
26	Number at end of year	0	0	2,421	250,089.5
27	In stock			215	28,669.0
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use				
31	In company's use				
32	Number at end of year		0	215	28,669.0

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		38.77	38.77	23kv & 5kv	0	
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44	TOTALS	38.77 Miles	38.77		0.000	

*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	Danvers	3476			32	201			2834	409
2										
3										
4										
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52	TOTALS	3476	0	0	32	201	0	0	2834	409

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
		n/a		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

[Handwritten signature of Steve Bartha]
[Handwritten signature of David Lane]

STEVE BARTHA 8/16/2018

Town Manager

DAVID LANE 8/16/2018

Director of Public Works

[Handwritten signature of William N. Hayes]

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