



The Commonwealth of Massachusetts
Department of Public Utilities
Louvet Saltonstall Building, Government Center
One South Station, Boston 02202

TO THE MAYORS, SELECTMEN, MUNICIPAL LIGHTS BOARDS AND MANAGERS OF MUNICIPAL LIGHTING IN THE SEVERAL CITIES AND TOWNS IN THIS COMMONWEALTH OPERATING GAS OR ELECTRIC LIGHT PLANTS:

This form of the Annual Return should be filled out and one original and a duplicate copy (which may be a photocopy) should be returned to the Office of the Department of Public Utilities 1 South Station Boston Massachusetts, 02202 by March 31st of the year following the calendar year of the report in accordance with the statutes of the Commonwealth and the regulations of the Department made in pursuance thereof.

Where the word "None" truly and completely states the fact, it should be given as the answer to any particular inquiry or portion of an inquiry.

If respondent so desires, cents may be omitted in the balance sheet, income statement and supporting schedules. All supporting schedules on an even-dollar basis, however, shall agree with even-dollar amounts in the main schedules. Averages and extracted figures, where cents are important, must show cents for reasons which are apparent.

Special attention is called to the legislation in regard to the Returns printed in the last page.



The Commonwealth of Massachusetts

RETURN

OF THE

MUNICIPAL LIGHTING PLANT

TOWN OF SHREWSBURY

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: **GENERAL MANAGER**

Office Address:

**MICHAEL HALE
100 MAPLE AVE
SHREWSBURY MA 01545**

GENERAL INFORMATION

3

1. Name of town making this report. Shrewsbury

2. If the town (or city) has acquired a plant,

Kind of plant, whether gas or electric. Electric

Owner from whom purchased, if so acquired.

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, 125 ; No, 22 Second vote: Yes, 110 ; No, 16

Date when town began to sell electricity: October 1908 for home lighting

3. Name and address of manager of municipal lighting:

MICHAEL HALE 8 WESLEYAN TERRACE SHREWSBURY, MA 01545

4. Name and address of mayor or selectmen

MAURICE M DEPALO 18 WILLARD AVE. SHREWSBURY, MA 01545

BETH CASAVANT 16 CLEAR VIEW ROAD SHREWSBURY, MA 01545

JAMES KANE 32 MAIN CIRCLE SHREWSBURY, MA 01545

JOHN R SAMIA 8 FOXHILL ROAD SHREWSBURY, MA 01545

JOHN T LEBEAUX 203 WALNUT ST SHREWSBURY, MA 01545

5. Name and address of town (or city) treasurer:

LAURIE GAUDETTE 4 ACORN LANE STURBRIDGE, MA 01566

6. Name and address of town (or city) clerk:

SANDRA E. WRIGHT 40 GATES RD SHREWSBURY, MA 01545

7. Names and addresses of members of municipal light board:

MICHAEL REFOLO 38 OLDE COLONY DRIVE SHREWSBURY, MA 01545

ROBERT HOLLAND 8 RAYMOND AVE SHREWSBURY, MA 01545

ANTHONY TRIPPI 145 MAPLE AVE SHREWSBURY, MA 01545

MARIA LEMIEUX 5 COUNTRY WAY SHREWSBURY, MA 01545

KELLY MARSHALL 7 BALSAM CIRCLE SHREWSBURY, MA 01545

8. Total valuation of estates in town according to last state valuation \$6,430,901,061

9. Tax rate for all purposes during the year: Residential \$12.47 Commercial \$12.47

10. Amount of manager's salary: \$196,299

11. Amount of manager's bond: \$ 1,000.00

12. Amount of salary paid to members of municipal light board (each) \$200.00

Annual Report of SHREWSBURY

Year Ended December 31, 2019

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

INCOME FROM PRIVATE CONSUMERS:		
1	FROM SALES OF GAS.....	\$0
2	FROM SALE OF ELECTRICITY	\$32,443,406
3	FROM RATE STABILIZATION FUND.....	
4	TOTAL	\$32,443,406
5	Expenses:	
6	For operation, maintenance and repairs.....	\$26,818,553
7	For interest on bonds, notes or scrip.....	\$405,619
8	For depreciation fund (3% on \$82,527,079 as per page 8B).....	\$2,475,812
9	For sinking fund requirements.....	
10	For note payments.....	\$817,221
11	For bond payments.....	\$300,000
12	For loss in preceding year.....	
13	TOTAL	\$30,817,205
14		
15	Cost:	
16	Of gas to be used for municipal buildings.....	
17	Of gas to be used for street lights.....	
18	Of electricity to be used for municipal buildings.....	\$1,516,659
19	Of electricity to be used for street lights.....	\$156,191
20	Total of the above items to be included in the tax levy.....	
21		
22	New construction to be included in the tax levy.....	
23	Total amounts to be included in the tax levy.....	\$0
		\$1,672,850

CUSTOMERS

Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each		Names of cities of towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each	
City or Town	Number of Customers' Meters, December 31.	City or Town	Number of Customers'
		SHREWSBURY	16,332
		TOTAL	16,332

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT:

* At	meeting	19	, to be paid from {	\$	_____
* At	meeting	19	, to be paid from {	\$	_____

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

1. Street Lights.....	\$	\$156,191
2. Municipal Buildings.....		\$1,516,659
	\$	<u>\$ 1,672,850</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:

- \$2,900,000 Added Gas Generator
- \$144,000 Resurfaced parking lot at operations center
- \$62,000 remove old garage doors, enlarge opening and install new garage doors at operations center
- \$250,000 replace bucket truck #55
- \$162,000 purchase body and lift for truck #44

In gas property:

BONDS

(Issued on Account of Gas or Electric Lighting)

When Authorized*	Date of issue	Amount of Original Issue	Period of Payments		Interest		Amount Outstanding
			Amounts	When Payable	Rate	When Payable	
March 15, 1908	August 1, 1908	\$16,000					
May 2, 1908	June 12, 1908	\$9,000					
March 1, 1909	November 2, 1909	\$1,000					
August 26, 1910	September 12, 1910	\$1,300					
May 26, 1977	January 15, 1978	\$200,000					
June 27, 1977	June 30, 1983	\$200,000					
March 24, 1969	October 1, 1969	\$450,000					
May 11, 1970	November 15, 1970	\$450,000					
May 21, 1973	November 1, 1973	\$750,000					
May 28, 1974	November 1, 1974	\$300,000					
May 20, 1985	April 1, 1986	\$350,000					
May 16, 1988	April 28, 1978	\$500,000					
May 15, 1995	February 15, 1996	\$1,000,000					
May 21, 2001	August 15, 2001	\$1,760,000					\$0
February 1, 2005	February 15, 2005	\$379,400					\$0
February 15, 2008	February 20, 2008	\$1,000,000					\$0
May 22, 2013	January 23, 2014	\$6,000,000	\$300,000	2015-2034	3-4%	SEMI ANNUALLY	\$4,500,000
	Total	\$13,366,700	\$300,000				\$4,500,000

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bond and notes are repaid, report the first three columns only.

TOWN NOTES (ISSUED ON ACCOUNT OF GAS OR ELECTRIC LIGHTING)							
When Authorized	Date of Issue	Amount of Original Issue	Period of Payments		Interest		Amount of Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
OCT 18, 2005	SEP 15, 2006	\$1,000,000	\$1,000,000	SEP 14, 2007	4%	AT MATURITY	
	SEP 14, 2007	\$1,000,000	\$1,000,000	NOV 21, 2007	3.9%	AT MATURITY	
	NOV 21, 2007	\$1,000,000	\$1,000,000	FEB 21, 2008	3.75%	AT MATURITY	
1-Jun-18		\$2,373,207	\$647,902		3.20%		\$2,236,185
1-Jun-18		\$7,288,278	\$169,319		3.11%		\$6,763,502
	TOTAL	\$12,661,485					\$8,999,687

The bonds and notes outstanding at the end of the year should agree with the balance sheet. When bonds and notes are repaid, report the first three columns only.

Annual Report of SHREWSBURY							8A
							Year Ended December 31, 2019
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	\$0	\$0	\$0	\$0
3	331 Structures and Improvements.....	\$0	\$0	\$0	\$0	\$0	\$0
4	332 Reservoirs, Dams and Waterways	\$0	\$0	\$0	\$0	\$0	\$0
5	333 Water wheels, Turbines and Generators.....	\$0	\$0	\$0	\$0	\$0	\$0
6	334 Accessory Electric Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
7	335 Miscellaneous Power Plant Equipment.....	\$0	\$0	\$0	\$0	\$0	\$0
8	336 Roads, Railroads and Bridges....	\$0	\$0	\$0	\$0	\$0	\$0
9	Total Hydraulic Production Plant	\$0					
10	D. Other Production Plant						
11	340 Land and Land Rights.....	\$4,737					\$4,737
12	341 Structures and Improvements.....	\$7,586,221	\$3,278,619				\$10,864,840
13	342 Fuel Holders, Producers and Accessories.....	\$852,604	\$0				\$852,604
14	343 Prime Movers	\$2,070,280	\$26,456				\$2,096,736
15	344 Generators.....	\$1,097,616	\$1,714				\$1,099,330
16	345 Accessory Electric Equipment.....	\$1,506,363	\$0				\$1,506,363
17	346 Miscellaneous Power Plant Equipment.....	\$2,164	\$0				\$2,164
18	Total Other Production Plant	\$13,119,985	\$3,306,789	\$0	\$0	\$0	\$16,426,774
19	Total Production Plant	\$13,119,985	\$3,306,789	\$0	\$0	\$0	\$16,426,774
20	3. Transmission Plant						
21	350 Land and Land Rights.....	\$0	\$0	\$0	\$0	\$0	\$0
22	351 Clearing Land and Rights of Way	\$0	\$0	\$0	\$0	\$0	\$0
23	352 Structures and Improvements.....	\$0	\$0	\$0	\$0	\$0	\$0
24	353 Station Equipment.....	\$1,980,475	\$0	\$0	\$0	\$0	\$1,980,475
25	354 Towers and Fixtures.....	\$0	\$0	\$0	\$0	\$0	\$0
26	355 Poles and Fixtures.....	\$0	\$0	\$0	\$0	\$0	\$0
27	356 Overhead Conductors and Devices...	\$0	\$0	\$0	\$0	\$0	\$0
28	357 Underground Conduits.....	\$0	\$0	\$0	\$0	\$0	\$0
29	358 Underground Conductors and Devices	\$0	\$0	\$0	\$0	\$0	\$0
30	359 Roads and Trails.....	\$0	\$0	\$0	\$0	\$0	\$0
31	Total Transmission Plant	\$1,980,475	\$0	\$0	\$0	\$0	\$1,980,475

Annual Report of SHREWSBURY							8B
							Year Ended December 31, 2019
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	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	\$134,555	\$0	\$0	\$0	\$0	\$134,555
3	361 Structures and Improvements	\$1,194,216	\$33,629	\$0	\$0	\$0	\$1,227,845
4	362 Station Equipment	\$16,867,669	\$58,947	\$0	\$0	\$0	\$16,926,616
5	363 Storage Battery Equipment	\$25,925	\$0	\$0	\$0	\$0	\$25,925
6	364 Poles, Towers and Fixtures	\$3,764,787	\$546,225	\$18,346	\$0	\$0	\$4,292,666
7	365 Overhead Conductors and Devices	\$7,280,371	\$288,956	\$647	\$0	\$0	\$7,568,680
8	366 Underground Conduits	\$3,630,142	\$5,853	\$0	\$0	\$0	\$3,635,995
9	367 Underground Conductors & Devices	\$4,275,140	\$88,250	\$0	\$0	\$0	\$4,363,390
10	368 Line Transformers	\$5,236,569	\$172,172	\$29,700	\$0	\$0	\$5,379,041
11	369 Services	\$2,000,813	\$60,755	\$0	\$0	\$0	\$2,061,568
12	370 Meters	\$2,492,661	\$10,560	\$2,864	\$0	\$0	\$2,500,357
13	371 Installation on Cust's Premises	\$1,394,074	\$10,582	\$0	\$0	\$0	\$1,404,656
15	373 Street Light and Signal Systems	\$2,183,434	\$65,188	\$900	\$0	\$0	\$2,247,722
	Total Distribution Plant	\$50,480,356	\$1,341,117	\$52,457	\$0	\$0	\$51,769,016
17	5. GENERAL PLANT						
19	390 Structures and Improvements	\$3,817,039	\$31,985	\$0	\$0	\$0	\$3,849,024
20	391 Office Furniture and Equipment	\$3,795,119	\$73,309	\$0	\$0	\$0	\$3,868,428
21	392 Transportation Equipment	\$2,370,581	\$561,462	\$356,898	\$0	\$0	\$2,575,145
22	393 Stores Equipment	\$41,285	\$0	\$0	\$0	\$0	\$41,285
23	394 Tools, Shop and Garage Equipment	\$119,141	\$25,097	\$0	\$0	\$0	\$144,238
24	395 Laboratory Equipment	\$43,020	\$0	\$0	\$0	\$0	\$43,020
25	396 Power Operated Equipment	\$44,354	\$0	\$0	\$0	\$0	\$44,354
26	397 Communication Equipment	\$1,804,056	\$14,082	\$0	\$0	\$0	\$1,818,138
27	398 Miscellaneous Equipment	\$44,409	\$1,459	\$0	\$0	\$0	\$45,868
28	399 Other Tangible Property	\$60,606	\$0	\$0	\$0	\$0	\$60,606
29	Total General Plant	\$12,139,610	\$707,394	\$356,898	\$0	\$0	\$12,490,106
30		\$77,720,426	\$5,355,300	\$409,355	\$0	\$0	\$82,666,371
31	TOTAL COST OF PLANT.....						
32							
33				Less Cost of Land, Land Rights, and Rights of Way			\$139,292
34				Total Cost upon which depreciation is based			\$82,527,079

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

Annual Report of SHREWSBURY

Year Ended December 31, 2019

COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	UTILITY PLANT			
2	101 Utility Plant -Electric.....	\$37,960,369	\$39,867,402	\$1,907,033
3	101 Utility Plant- Gas			
4	123 Investment in Associated Companies.....	\$61,521	\$61,521	\$0
5	Total Utility Plant.....	\$38,021,890	\$39,928,923	\$1,907,033
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds.....	\$0	\$0	\$0
13	126 Depreciation Fund (P. 14).....	\$3,372,473	\$3,375,847	\$3,374
14	128 Other Special Funds.....	\$4,001,613	\$3,765,448	(\$236,165)
15	Total Funds.....	\$7,374,086	\$7,141,295	(\$232,791)
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14).....	\$11,306,568	\$12,335,133	\$1,028,565
18	132 Special Deposits.....			
19	132 Working Funds.....	\$500	\$500	\$0
20	141 Notes and Receivables.....	\$136,296	\$108,589	(\$27,707)
21	142 Customer Accounts Receivable.....	\$2,518,507	\$2,504,862	(\$13,645)
22	143 Other Accounts Receivable.....	\$1,510,059	\$894,182	(\$615,877)
23	146 Receivables from Municipality.....			\$0
24	151 Materials and Supplies (P. 14).....	\$172,553	\$151,290	(\$21,263)
25				\$0
26	165 Prepayments.....	\$3,002,303	\$3,891,939	\$889,636
27	174 Miscellaneous Current Assets			\$0
28	Total Current and Accrued Assets...	\$18,646,786	\$19,886,495	\$1,239,709
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount.....	\$0	\$0	\$0
31	182 Extraordinary Property Debits.....			\$0
32	185 Other Deferred Debits.....			\$0
32	186 Deferred Outflows of Resources.....	\$1,053,721	\$1,037,399	(\$16,322)
33	Total Deferred Debits.....	\$1,053,721	\$1,037,399	(\$16,322)
34				
35	Total Assets and Other Debits.....	\$65,096,483	\$67,994,112	\$2,897,629

Annual Report of SHREWSBURY

Year Ended December 31, 2019

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.	Title of Account (a)	Balance Beginning of Year (b)	Balance End Year	Increase or (Decrease)
1	APPROPRIATIONS			
2	201 Appropriations for Construction.....			
3	SURPLUS			
4	205 Sinking Fund Reserves.....			
5	206 Loans Repayment.....			
6	207 Appropriations for Construction Repayment..			
7	208 Unappropriated Earned Surplus (P. 12).....	\$40,656,757	\$44,537,064	\$3,880,307
8	Total Surplus.....	\$40,656,757	\$44,537,064	\$3,880,307
9	LONG TERM DEBT			
10	221 Bonds (P. 6).....	\$4,800,000	\$4,500,000	(\$300,000)
11	228 Net Pension & OPEB Liability.....	\$1,210,983	\$1,392,649	\$181,666
12	228.4 Deferred Inflow of Resources.....	\$1,523,906	\$1,017,592	(\$506,314)
13	231 Notes Payable (P. 7).....	\$9,661,485	\$8,999,687	(\$661,798)
14	Total Bonds and Notes.....	\$17,196,374	\$15,909,928	(\$1,286,446)
15	CURRENT AND ACCRUED LIABILITIES			
16	232 Accounts Payable.....	\$2,094,811	\$2,026,569	(\$68,242)
17	234 Payables to Municipality.....			
18	235 Customer Deposits.....			
19	236 Taxes Accrued.....	\$55,919	\$60,092	\$4,173
20	237 Interest Accrued.....	\$66,275	\$63,525	(\$2,750)
21	242 Miscellaneous Current and Accrued Liabilities	\$4,217,651	\$4,283,894	\$66,243
22	Total Current and Accrued Liabilities...	\$6,434,656	\$6,434,080	(\$576)
23	DEFERRED CREDITS			
24	251 Unamortized Premium on Debt.....	\$105,110	\$98,365	(\$6,745)
25	252 Customer Advance for Construction.....			
26	253 Other Deferred Credits.....			
27	Total Deferred Credits	\$105,110	\$98,365	(\$6,745)
28	RESERVES			
29	260 Reserves for Uncollectable Accounts.....	\$113,000	\$113,000	\$0
30	261 Property Insurance Reserve.....			
31	262 Injuries and Damages Reserves.....			
32	263 Pensions and Benefits.....			\$0
33	265 Miscellaneous Operating Reserves.....			
34	Total Reserves.....	\$113,000	\$113,000	\$0
35	CONTRIBUTIONS IN AID OF			
36	CONSTRUCTION			
37	271 Contributions in Aid of Construction.....	\$590,586	\$901,675	\$311,089
38	Total Liabilities and Other Credits	\$65,096,483	\$67,994,112	\$2,897,629

State below if any earnings of the Municipal Lighting Plant have been used for any purpose other than discharging indebtedness of the plant, the purpose for which used and the amount thereof.

Annual Report of SHREWSBURY		Year Ended December 31, 2019	
STATEMENT OF INCOME FOR THE YEAR			
Line No.	Account (a)	Current Year	Increase or (Decrease) from Preceding Year
1	OPERATING INCOME		
2	400 Operating Revenue (P. 37 and P. 43)	32,392,026	22,779
3	Operating Expenses:		
4	401 Operation Expense (P. 42).....	23,905,236	(3,058,434)
5	402 Maintenance Expense (P. 42).....	1,720,418	(127,594)
6	403 Depreciation Expense	2,309,032	238,204
7	407 Amortization of Property Losses.....	0	0
8			
9	408 Taxes (P. 48).....		
10	Total Operating Expenses	27,934,686	(2,947,824)
11	Operating Income.....		
12	414 Other Utility Operating Income (P. 50).....	0	0
13			
14	Total Operating Income	4,457,340	2,970,603
15	OTHER INCOME		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	46,982	(6,986)
17	419 Interest Income.....	30,770	16,182
18	421 Miscellaneous Income.....		15,008
19	Total Other Income	77,752	24,204
20	Total Income	4,535,092	2,994,807
21	MISCELLANEOUS INCOME DEDUCTIONS		
22	425 Miscellaneous Amortization.....	0	0
23	426 Other Income Deductions.....	0	0
24	Total Income Deductions	0	0
25	Income before Interest Charges	4,535,092	2,994,807
26	INTEREST CHARGES		
27	427 Interest on Bonds and Notes.....	420,587	22,017
28	428 Amortization of Debt Discount and Expense.....	0	0
29	429 Amortization of Premium on Debt.....	(6,745)	(0)
30	431 Other Interest Expense.....		
31	432 Interest Charged to Construction-Credit.....		
32	Total Interest Charges	413,842	22,017
33	Net Income	4,121,250	2,972,790
EARNED SURPLUS			
Line No.	(a)	Debits (b)	Credits (c)
34	Unappropriated Earned Surplus (at beginning of Period).....		40,656,757
35			
36			
37	433 Balance transferred from Income.....		4,121,250
38	434 Miscellaneous Credits to Surplus.....		
39	435 Miscellaneous Debits to Surplus.....	0	
40	436 Appropriations of Surplus (P. 21).....	240,943	
41	437 Surplus Applied to Depreciation.....		
42	208 Unappropriated Earned Surplus (at end of period).....	44,537,064	
43			
44	TOTALS	44,778,007	44,778,007

Annual Report of SHREWSBURY		14 Year Ended December 31, 2019	
CASH BALANCES AT END OF YEAR (Account 131)			
Line No.	Items (a)	Amount (b)	
1	Operation Fund.....	\$	10,835,133
2	Interest Fund.....	\$	-
3	Bond Fund.....	\$	-
4	Construction Fund.....	\$	1,500,000
5	Funds Held By MMWEC	\$	-
6			
7			
8			
9			
10			
11			
12	TOTAL	\$	12,335,133
MATERIALS AND SUPPLIES (Account 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 18).....	\$80,250	
14	Fuel Stock Expenses (Account 152).....		
15	Residuals (Account 153).....		
16	Plant Materials and Operating Supplies (Account 154).....	\$71,040	
17	Merchandise (Account 155).....		
18	Other Materials and Supplies (Account 156).....		
19	Nuclear Fuel Assemblies and Components - In Reactor (Acct 157)		
20	Nuclear Fuel Assemblies and Components - Stock Acct (Acct 158)		
21	Nuclear Byproduct Materials (Account 159).....		
22	Stores Expense (Account 163).....		
23	Total per Balance Sheet	\$151,290	
Depreciation Fund Account (Account 126)			
Line No.	(a)	Amount (b)	
24	DEBITS		
25	Balance of Account at Beginning of Year.....		\$3,372,473
26	Income During Year from Balance on Deposit.....		\$3,374
27	Amount Transferred from Income.....		
28	TOTAL		\$3,375,847
29			
30	CREDITS		
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)		
32	Amounts Expended for Renewals.....		
33	Adjustment		
34			
35			
36			
37			
38			
39	Balance on Hand at End of Year.....		
40	TOTAL		\$3,375,847

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.....	0	0	0			0
3	331 Structures and Improvements.....	0	0	0			0
4	332 Reservoirs, Dams and Waterways	0	0	0			0
5	333 Water Wheels, Turbines and Generators.....	0	0	0			0
6	334 Accessory Electric Equipment.....	0	0	0			0
7	335 Miscellaneous Power Plant Equipment.....	0	0	0			0
8	336 Roads, Railroads and Bridges.....	0	0	0			0
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights.....	4,737	0	0			4,737
12	341 Structures and Improvements.....	7,543,777	3,278,619	189,655			10,632,741
13	342 Fuel Holders,Producers and Accessories.....	652,102	0	21,315			630,787
14	343 Prime Movers.....	472,754	26,456	51,756			447,454
15	344 Generators	731,619	1,714	27,440			705,893
16	345 Accessory Electric Equipment.....	0	0				0
17	346 Miscellaneous Power Plant Equipment.....	0	0	0			0
-	Total Other Production Plant	9,404,989	3,306,789	290,166	0	0	12,421,612
19	Total Production Plant	9,404,989	3,306,789	290,166	0	0	12,421,612
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights.....	0	0	0			0
22	351 Clearing Land and Rights of Way..	0	0	0			0
23	352 Structures and Improvements..	0	0	0			0
24	353 Station Equipment.....	1,802,384	0	59,414			1,742,970
25	354 Towers and Fixures	0	0	0			0
26	355 Poles and Fixtures.....	0	0	0			0
27	356 Overhead Conductors and Device..	0	0	0			0
28	357 Underground Conduits.....	0	0	0			0
29	358 Underground Conductors and Devices	0	0				0
30	359 Roads and Trails.....	0	0	0			0
31	Total Transmission Plant	1,802,384	0	59,414	0	0	1,742,970

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Year Ended December 31, 2019

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.....	134,555	0		0	0	134,555
3	361 Structures and Improvements.....	585,120	33,629	29,855	0	0	588,894
4	362 Station Equipment.....	9,304,876	58,947	506,030	0	0	8,857,793
5	363 Storage Battery Equipment.....	7,724	0	648	0	0	7,076
6	364 Poles and Fixtures.....	1,005,694	546,225	94,119	0	0	1,457,800
7	365 Overhead Conductors and Devices...	4,057,455	288,956	182,009	0	0	4,164,402
8	366 Underground Conduits.....	1,252,489	5,853	90,753	0	0	1,167,589
9	367 Underground Conductors and Devices	1,385,227	88,250	106,878	0	0	1,366,599
10	368 Line Transformers.....	2,131,269	172,172	130,914	0	0	2,172,527
11	369 Services.....	855,940	60,755	50,020	0	0	866,675
12	370 Meters.....	1,174,536	10,560	62,316	0	0	1,122,780
13	371 Installation on Cust's Premises....	283,982	10,582	34,851	0	0	259,713
14	372 Leased Prop. on Cust's Premises....	0					0
15	373 Street Light and Signal Systems.....	1,128,842	65,188	54,585	0	0	1,139,445
16	Total Distribution Plant	23,307,709	1,341,117	1,342,978	0	0	23,305,848
17	5. GENERAL PLANT						
18	389 Land and Land Rights.....	0	0	0	0	0	0
19	390 Structures and Improvements.....	896,419	31,985	95,423	0	0	832,981
20	391 Office Furniture and Equipment.....	378,250	73,309	433,699	0	0	17,860
21	392 Transportation Equipment.....	55,530	561,462	55,530	0	0	561,462
22	393 Stores Equipment.....	3,764	0	1,032	0	0	2,732
23	394 Tools, Shop and Garage Equipment...	49,990	25,097	2,978	0	0	72,109
24	395 Laboratory Equipment.....	0	0		0	0	0
25	396 Power Operated Equipment.....	0	0		0	0	0
26	397 Communication Equipment.....	844,623	14,082	45,101	0	0	813,604
27	398 Miscellaneous Equipment.....	15,926	1,459	1,110	0	0	16,275
28	399 Other Tangible Property.....	0			0	0	0
29	Total General Plant	2,244,502	707,394	634,873	0	0	2,317,023
30	Total Electric Plant in Service	36,759,584	5,355,300	2,327,431	0	0	39,787,453
31	104 Utility Plant leased to Others.....	0		0	0		0
32	105 Property Held for Future Use.....	0		0	0		0
33	107 Construction Work in Progress.....	1,200,785	79,949	0	0	(1,200,785)	79,949
34	108 Accumulated Depreciation	0		0	0		0
35	Total Utility Electric Plant	37,960,369	5,435,249	2,327,431	0	(1,200,785)	39,867,402

**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			
			# 2 FUEL OIL		LUBRICATION OIL	
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of year	96,490	51,833	93,314	275	3,176
2	Received During Year	3,226			275	3,226
3	TOTAL	99,716	51,833	93,314	550	6,402
4						
5	Used During Year (Note A)	19,466	9,049	16,290	275	3,176
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	19,466	9,049	16,290	275	3,176
13	BALANCE END OF YEAR	80,250	42,784	77,024	275	3,226

Line No.	Item (g)	Kinds of Fuel and Oil -- Continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

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		Year Ended December 31, 2019
MISCELLANEOUS NON-OPERATING INCOME (Account 421)		
Line No.	Item (a)	Amount (b)
1	Interest Income	30,770
2		
3		
4		
5		
6	TOTAL	<u>30,770</u>
OTHER INCOME DEDUCTIONS (Account 426)		
Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	TOTAL	<u>0</u>
MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	<u>0</u>
MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		
Line No.	Item (a)	Amount (b)
24		
25		
26		
27		
28		
29		
30		
31		
32	TOTAL	<u>0</u>
APPROPRIATIONS OF SURPLUS (Account 436)		
Line No.	Item (a)	Amount (b)
33	PAYMENT IN LIEU OF TAXES	240,943
34		
35		
36		
37		
38		
39		
40	TOTAL	<u>240,943</u>

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Year Ended December 31, 2019

MUNICIPAL REVENUES (Accounts 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 M.C.F. [\$0.0000] (d)
1					
2					
3					
4					
TOTALS					
Line No.		Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue per K.W.H. [cents] [\$0.0000] (d)
5					
6	444	Municipal: (Other Than Street Lighting)	11,583,907	\$1,292,187	0.1116
7					
8					
9		Street Lighting	1,399,882	\$146,891	0.1049
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
TOTALS			12,983,789	\$1,439,078	0.2165
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 K.W.H. cents [0.0000] (e)
20	MMWEC	RAS 115 KV	274,156,105	\$15,978,919	0.0583
21	ASHUELOT	RAS 115 KV	4,064,531	318,677	0.0784
22	CONEDISON	RAS 115 KV	4,084,404	247,896	0.0607
23					
24					
25					
26					
27					
28					
29					
TOTALS			282,305,040	16,545,491	0.0586
SALES FOR RESALE (Account 447)					
Line No.	Names of Utilities to which Electric Energy is Sold (a)	Where and at What Voltage Received (b)	K.W.H. (c)	Amount (c)	Revenues per K.W.H. [cents] [0.0000] (e)
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
TOTALS					

Annual Report of SHREWSBURY

Year Ended December 31, 2019

ELECTRIC OPERATING REVENUES (Account 400)

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

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

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

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.....	\$15,940,716	(\$116,422)	132,368,996	(7,125,112)	14,678	69
3	442 Commercial and Industrial Sales:						
4	Small (or Commercial) see instr. 5.....	\$3,832,939	\$68,463	30,615,271	(214,634)	1,056	(60)
5	Large (or Industrial) see instr. 5.....	\$10,899,116	\$136,048	102,011,119	(1,959,289)	123	(3)
6	444 Municipal Sales (P.22)	\$1,292,187	\$33,911	11,583,907	60,990	103	2
7	445 Other Sales to Public Authorities.....	\$146,891	(\$9,696)	1,399,882	(109,419)	1	0
8	446 Sales to Railroads and Railways.....						
9	448 Interdepartmental Sales.....						
10	449 Miscellaneous Electric Sales.....	\$129,179	(\$525)	1,392,984	(30,375)	389	1
11	Total Sales to Ultimate Consumers.....	\$32,241,028	\$111,779	279,372,159	(9,377,839)	16,350	9
12	447 Sales for Resale.....						
13	Total Sales of Electricity*.....	\$32,241,028	\$111,779	279,372,159	(9,377,839)	16,350	9
14	OTHER OPERATING REVENUES						
15	450 Forfeited Discounts.....	\$0					
16	451 Miscellaneous Service Revenues.....	\$22,926	(\$7,481)				
17	453 Sales of Water and Water Power.....	\$0					
18	454 Rent from Electric Property.....	\$0					
19	455 Interdepartmental Rents.....	\$0					
20	456 Other Electric Revenues.....	\$128,072	(\$81,519)				
21							
22							
23	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues.....	\$150,998	(\$89,000)				
26	Total Electric Operating Revenues.....	\$32,392,026	\$22,779				

*Includes revenues from application of fuel clauses

N/A

Total KWH to which applied

N/A

Annual Report of SHREWSBURY		Year Ended December 31, 2019					
SALES OF ELECTRICITY TO ULTIMATE CONSUMERS							
Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales and unbilled sales may be reported separately in total.							
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per K.W.H. (cents) *(0.0000) (d)	Number of Customers (per Bills Rendered)	
						July 31 (e)	December 31 (f)
1	440	RESIDENTIAL	132,368,996	\$15,940,716	0.1204	14,693	14,663
2							
3							
4							
5	442	COMMERCIAL	30,615,271	\$3,832,939	0.1252	1,054	1,057
6							
7		GENERAL SERVICE	102,011,119	\$10,899,116	0.1068	123	122
8							
9							
10	444	STREET LIGHT	1,399,882	\$146,891	0.1049	1	1
11							
12		MUNICIPAL	11,583,907	\$1,292,187	0.1116	104	102
13							
14		PROTECTIVE LIGHT	1,392,984	\$129,179	0.0927	390	387
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
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34							
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36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48	TOTAL SALES TO ULTIMATE CONSUMERS		279,372,159	\$32,241,028	0.6617	16,365	16,332
49	(Page 37 Line 11)						

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 divided 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 EXPENSE		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering.....		
5	501 Fuel.....		
6	502 Steam expense.....		
7	503 Steam from other sources.....		
8	504 Steam transferred -- Cr.....		
9	505 Electric expenses.....		
10	506 Miscellaneous steam power expenses.....		
11	507 Rents.....		
12	Total Operation		
13	Maintenance:		
14	510 Maintenance supervision and engineering.....		
15	511 Maintenance of structures.....		
16	512 Maintenance of boiler plant.....		
17	513 Maintenance of electric plant.....		
18	514 Maintenance of miscellaneous steam plant.....		
19	Total Maintenance		
20	Total power production expenses -- steam power		
21	NUCLEAR POWER GENERATION		
22	Operation:		
23	517 Operation supervision and engineering.....		
24	518 Fuel.....		
25	519 Coolants and water.....		
26	520 Steam expense.....		
27	521 Steam from other sources.....		
28	522 Steam transferred -- Cr.....		
29	523 Electric expenses.....		
30	524 Miscellaneous nuclear power expenses.....		
31	525 Rents.....		
32	Total Operation		
33	Maintenance:		
34	528 Maintenance supervision and engineering.....		
35	529 Maintenance of structures.....		
36	530 Maintenance of reactor plant equipment.....		
37	531 Maintenance of electric plant.....		
38	532 Maintenance of miscellaneous nuclear plant.....		
39	Total Maintenance		
40	Total power production expenses -- nuclear power		
41	HYDRAULIC POWER GENERATION		
42	Operation:		
43	535 Operation supervision and engineering.....		
44	536 Water for power.....		
45	537 Hydraulic expenses.....		
46	538 Electric expenses.....		
47	539 Miscellaneous hydraulic power generation expenses.....		
48	540 Rents.....		
49	Total Operation		

(continued on page 40)

Annual Report of SHREWSBURY		40 Year Ended December 31, 2019	
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 of 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		
9	Total Power Production Expenses - Hydraulic Power		
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation Supervision and Engineering.....	0	0
13	547 Fuel.....	49,836	(117,295)
14	548 Operation Expenses.....	51,956	12,938
15	549 Miscellaneous Other Power Generation Expenses.....	0	0
16	550 Rents.....	0	0
17	Total Operation	101,792	(104,357)
18	Maintenance:		
19	551 Maintenance Supervision and Engineering.....	0	0
20	552 Maintenance of Structure.....	0	0
21	553 Maintenance of Generating and Electric Plant.....	125,021	21,977
22	554 Maintenance of Miscellaneous Other Power Generation Plant	0	0
23	Total Maintenance	125,021	21,977
24	Total Power Production Expenses - Other Power	226,813	(82,380)
25	OTHER POWER SUPPLY EXPENSES		
26	555 Purchased Power.....	16,545,491	(2,877,829)
27	556 System Control and Load Dispatching.....	0	0
28	557 Other Expenses.....	364,484	321,637
29	Total Other Power Supply Expenses	16,909,975	(2,556,192)
30	Total Power Production Expenses	17,136,788	(2,638,572)
31	TRANSMISSION EXPENSES		
32	Operation:		
33	560 Operation Supervision and Engineering.....	93,392	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.....	4,332,089	(533,375)
39	566 Miscellaneous Transmission Expenses.....	0	0
40	567 Rents.....	0	0
41	Total Operation	4,425,481	(533,375)
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	4,425,481	(533,375)

Annual Report of SHREWSBURY		41 Year Ended December 31, 2019	
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.....	219,906	19,078
4	581 Load Dispatching.....		0
5	582 Station Expenses.....	1,096	(68)
6	583 Overhead Line Expenses.....	54,628	3,852
7	584 Underground Line Expenses.....		0
8	585 Street Lighting and Signal System Expenses.....		0
9	586 Meter Expenses.....	47,329	4,867
10	587 Customer Installations Expenses.....	14,097	4,127
11	588 Miscellaneous Distribution Expenses.....	152,443	34,513
12	589 Rents.....	0	0
13	Total Operation	489,499	66,369
14	Maintenance:		
15	590 Maintenance supervision and engineering.....	55,361	9,904
16	591 Maintenance of Structures.....	72,832	8,260
17	592 Maintenance of Station Equipment.....	235,932	(141,000)
18	593 Maintenance of Overhead Lines.....	848,971	(82,183)
19	594 Maintenance of Underground Lines.....	45,520	6,400
20	595 Maintenance of Line Transformers.....	59,384	16,034
21	596 Maintenance of Street Lighting and Signal Systems....	101,482	18,829
22	597 Maintenance of Meters.....	0	0
23	598 Maintenance of Miscellaneous Distribution Plant.....	0	0
24	Total Maintenance	1,419,482	(163,756)
25	Total Distribution Expenses	1,908,981	(97,387)
26	CUSTOMER ACCOUNTS EXPENSES		
27	Operation:		
28	901 Supervision.....	0	0
29	902 Meter Reading Expenses.....	56,948	14,076
30	903 Customer Records and Collection Expenses.....	346,322	(23,690)
31	904 Uncollectable Accounts.....	49,472	(18,283)
32	905 Miscellaneous Customer Accounts Expenses.....	0	0
33	Total Customer Accounts Expenses	452,742	(27,897)
34	SALES EXPENSES		
35	Operation:		
36	911 Supervision.....	0	0
37	912 Demonstrating and Selling Expenses.....	200,963	40,669
38	913 Advertising Expenses.....	0	0
39	916 Miscellaneous Sales Expense.....	0	0
40	Total Sales Expenses	200,963	40,669
41	ADMINISTRATIVE AND GENERAL EXPENSES		
42	Operation:		
43	920 Administrative and General Salaries.....	374,425	(66,197)
44	921 Office Supplies and Expenses.....	154,377	19,751
45	922 Administrative Expenses Transferred - Cr.....		0
46	923 Outside Services Employed.....	86,570	(36,810)
47	924 Property Insurance.....	187,043	14,250
48	925 Injuries and Damages.....	12,662	6,724
49	926 Employees Pensions and Benefits.....	369,201	(26,807)
50	928 Regulatory Commission Expenses.....		0
51	929 Duplicate Charges - Cr.....		0
52	930 Miscellaneous General Expenses.....	140,506	52,046
53	931 Rents.....		
54	Total Operation	1,324,784	(37,043)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES -- Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	ADMINISTRATIVE EXPENSES		
2	Maintenance:		
3	932 Maintenance of General Plant.....	175,915	14,185
4	933 Transportation expense.....		
5	Total Maintenance	175,915	14,185
6	Total Administrative and General Expenses	1,500,699	(22,858)
7	Total Electric Operation and Maintenance Expenses	25,625,654	(3,279,420)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	OPERATION (b)	MAINTENANCE (c)	TOTAL (d)
8	Power Production Expenses			
9	Electric Generation			
10	Steam Power.....			
11	Nuclear Power.....			
12	Hydraulic Power.....			
13	Other Power.....			0
14	Other Power Supply Expenses.....			0
15	Total Power Production Expenses	0	0	0
16	Transmission Expenses.....			0
17	Distribution Expenses.....			0
18	Customer Accounts Expenses.....			0
19	Sales Expenses.....			0
20	Administrative and General Expenses.....			0
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	0	0	0

- 23 Ratio of Operating Expenses to Operating Revenues (carry out decimal two places, (e.g. 0.00%)
 Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42, Line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)..... **86.09%**
- 24 Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts..... **3,513,642**
- 25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees) **39**

TAXES CHARGED DURING 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 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 readily be 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 appropriate balance sheet plant account or subaccount.

plant account or subaccount.
 5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis or 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)	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)							
			Electric (Acct. 408, 409) (c)	Gas (Acct. 408,409) (d)	(e)	(f)	(g)	(h)	(i)	(j)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	TOTAL									

NOT APPLICABLE

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 Revenue (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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25					
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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	\$0.00	\$0.00	\$0.00	\$0.00

NOT APPLICABLE

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

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

Line No.	Item (a)	Electric Department (c)	Gas Department (d)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandising sales, less discounts,				
3	allowances and returns.....	\$46,982			\$46,982
4	Contract Work.....				
5	Commissions.....				
6	Other (List according to major classes)				
7					
8					
9					
10	Total Revenues.....	\$46,982	\$0	\$0	\$46,982
11					
12					
13	Costs and Expenses:				
14	Cost of Sales (List according to Major				
15	classes of cost).....				
16					
17	Labor				
18	Materials				
19					
20					
21					
22					
23					
24					
25					
26	Sales expenses.....				
27	Customer accounts expenses.....				
28	Administrative and general expenses.....				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	\$0.00	\$0.00	\$0.00	\$0.00
51	Net Profit (or Loss)	\$46,982.00	\$0.00	\$0.00	\$46,982.00

SALES FOR RESALE (Account 447) - Continued

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

Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt-hours (k)	Revenue (Omit Cents)				Revenue per Kwh (cents) [0.0000] (p)	Line No.
			Demand Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
			NOT APPLICABLE					12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
TOTALS		0	\$0.00	\$0.00	\$0.00	\$0.00	0.0000	35

Annual Report of SHREWSBURY						Year Ended December 31, 2019		
PURCHASED POWER (Account 555)								
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.			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.					
2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public			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	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Kw or Kva Demand (Specify Which)		
						Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Stonybrook Intermediate	FP	X	ROLFE/CENTECH SUBS	RS/CS	13,413	Monthly Maximum Demand	
2	Nuclear Mix 1 (Seabrook)	O		ROLFE/CENTECH SUBS	RS/CS	82		
3	Nuclear Mix 1 (Millstone)	O	X	ROLFE/CENTECH SUBS	RS/CS	835		
4	Nuclear Project 3 (Millstone)	O	X	ROLFE/CENTECH SUBS	RS/CS	1,827		
5	Nuclear Project 4 (Seabrook)	O	X	ROLFE/CENTECH SUBS	RS/CS	2,450		
6	Nuclear Project 5 (Seabrook)	O	X	ROLFE/CENTECH SUBS	RS/CS	302		
7	W.F. Wyman	O	X	ROLFE/CENTECH SUBS	RS/CS	2,581		
8	Project 6 (Seabrook)	O	X	ROLFE/CENTECH SUBS	RS/CS	3,782		
9	Transmission Charges	O	X	ROLFE/CENTECH SUBS	RS/CS			
10	Hydro Quebec							
11								
12	System Power			ROLFE/CENTECH SUBS	RS/CS			
13	Berkshire Wind Power Cooperative	DP		ROLFE/CENTECH SUBS	RS/CS			
14	Ashuelot/Lower Robertson Hydro	O		ROLFE/CENTECH SUBS	RS/CS			
15		O	X	TOWN LINE				
17	ConEdison					2,500		
18	New York Power Authority	FP	X	ROLFE AVE. SUB.	RS	2,255		
19	Eagle Creek	O		TOWN LINE		1,500		
20	Hancock Wind	O	X	TOWN LINE	RS	3,329		
21	Green Power							
22								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
38								
39								
40								
41								

PURCHASED POWER (Account 555) - Continued

(except interchange power)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. 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 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 (l) 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)	Kilowatt-hours (k)	Cost of Energy (Omit Cents)				Cents per KWH (cents) [0.0000] (p)	Line No.
			Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)		
60 MINUTES	115 kv	1,750,090	\$493,681	\$49,639	\$15,619	\$558,939	0.3194	1
60 MINUTES	115 kv	813,551	\$20,684	\$4,289	\$55	\$25,029	0.0308	2
60 MINUTES	115 kv	6,974,993	\$218,301	\$43,816	\$6,605	\$268,721	0.0385	3
60 MINUTES	115 kv	15,083,243	\$476,793	\$94,750	\$14,305	\$585,849	0.0388	4
60 MINUTES	115 kv	23,231,050	\$594,769	\$122,481	\$1,267	\$718,516	0.0309	5
60 MINUTES	115 kv	2,865,929	\$74,579	\$15,110	\$140	\$89,829	0.0313	6
60 MINUTES	115 kv	1,317	\$33,923	\$469	(\$338,230)	(\$303,838)	-230.7049	7
60 MINUTES	115 kv	35,863,055	\$1,068,889	\$189,081	(\$513,393)	\$744,576	0.0208	8
								9
								10
		102,015,100		\$5,019,541		\$5,019,541	0.0492	11
		4,860,362			\$775,893	\$775,893	0.1596	12
60 MINUTES	115 kv	4,064,531			\$247,896	\$247,896	0.0610	13
60 MINUTES	115 kv							14
		4,084,404		\$283,946	(106,318)	\$177,628	0.0435	15
		16,488,130	\$380,254			\$380,254	0.0231	16
60 MINUTES	115 kv	5,345,310		\$274,772		\$274,772	0.0514	17
60 MINUTES	115 kv	9,516,613		\$517,662		\$517,662	0.0544	18
			\$7,980			\$7,980		19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
TOTALS		232,957,678	\$3,369,852	\$6,615,556	\$103,839	\$10,089,246	0.0310	

INTERCHANGE POWER (Included in Account 555)

1. Report below the Kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.
 2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A., Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).
 3. Particulars of settlements for interchange power

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

coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

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

Line No.	Name of Company	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Kilowatt-hours			Amount of Settlement
					Received	Delivered	Net Difference	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	ISO INTERCHANGE				282,305,018	232,957,678	49,347,340	6,456,245
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	282,305,018	232,957,678	49,347,340	\$6,456,245

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)		Amount (k)
13	ISO INTERCHANGE		INTERCHANGE EXPENSE	\$6,019,245
14			NEPOOL EXPENSE	437,000
15				
16				
17				
18				
19				
20				
21			TOTALS	0.00 \$6,456,245

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric generated, purchased, and interchanged during the year.

Line No.	Item (a)	Kilowatt-hours (b)
1	SOURCES OF ENERGY	
2	Generation (excluding station use):	
3	Solar.....	4,858,450
4	Nuclear.....	
5	Hydro.....	
6	Other..... Diesel :	448,365
7	Total generation.....	5,306,815
8	Purchases.....	282,305,018
9	{ In (gross)	282,305,018
10	Interchanges..... { Out (gross)	232,957,678
11	{ Net (Kwh).....	49,347,340
12	{ Received.....	232,957,678
13	Transmission for/by others (Wh..... { Delivered.....	
14	{ Net (kwh).....	232,957,678
15	TOTAL	287,611,833
16	DISPOSITION OF ENERGY	
17	Sales to ultimate consumers (including interdepartmental sales).....	279,372,159
18	Sales for resale.....	
19	Energy furnished without charge	
20	Energy used by the company (excluding station use).....	
21	Electric department only.....	1,535,022
22	Energy losses:	
23	Transmission and conversion losses.....	
24	Distribution losses.....	
25	Unaccounted for losses..... 6,704,652	
26	Total energy losses.....	6,704,652
27	Energy losses as percent of total on line 15..... 2.33%	
28	TOTAL	287,611,833

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 purchases plus or minus net interchange minus temporary deliveries (not interchange) or 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 minute integrated.)
 4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
 5. If the respondent has two or more power systems and physically connected, the information called for below should be furnished for each system.

Shrewsbury System

Monthly Peak

Line No.	Month (a)	Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh) See Instr. 4) (g)	
29	JAN	52,381	Mon	21	20:00	60 min	27,638,716	
30	FEB	46,905	Fri	1	20:00	"	24,002,182	
31	MAR	44,087	Wed	6	21:00	"	24,611,391	
32	APR	37,097	Wed	10	21:00	"	21,138,470	
33	MAY	37,357	Mon	27	21:00	"	21,290,225	
34	JUNE	48,774	Fri	28	20:00	"	23,048,135	
35	JULY	53,848	Wed	17	15:00	"	27,930,467	
36	AUG	49,735	Mon	19	15:00	"	24,884,174	
37	SEPT	45,739	Mon	23	21:00	"	21,152,767	
38	OCT	35,888	Mon	28	19:00	"	21,466,519	
39	NOV	43,696	Wed	13	20:00	"	23,575,219	
40	DEC	49,367	Thu	19	20:00	"	26,873,568	
41	TOTAL							287,611,833

GENERATING STATION STATISTICS (Large Stations)
(Except Nuclear, See Instruction 10)

1. Large stations for the purpose of this schedule are steam and hydro stations of 2,500 Hw* or more of installed capacity and other stations of 500 Kw* or more of installed capacity (name plate ratings). (*10,000 Kw and 2,500 Kw, respectively, if annual electric operating revenues of respondent are \$25,000,000 or more.)

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.

3. Specify if total plant capacity is reported in kva instead of kilowatts as called for on line 5.

4. If peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If a group of employees attends more than one generating station, report on line 11 the approximate average number of employees assignable to each station.

6. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel consumed converted to M cu. ft.

7. Quantities of fuel consumed and the average cost per unit of fuel consumed should be consistent with charges to expense 501 and

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
		Peaking Plant	CENTECH Peaker	
1	Kind of plant (steam, hydro, int. com., gas turbine)	IC	IC	
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)	FULL OUTDOOR	FULL OUTDOOR	
3	Year originally constructed	1969	2019	
4	Year last unit was installed	1978	2019	
5	Total installed capacity (maximum generator name plate ratings in kw)	13,750	2,500	
6	Net peak demand on plant-kilowatts (60 min.)	13,750	2,500	
7	Plant hours connected to load	21	126	
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water	NOT LIMITED	NOT LIMITED	
10	(b) When limited by condenser water			
11	Average number of employees	0	1	
12	Net generation, exclusive of station use	(465,413)	176,398	
13	Cost of plant (omit cents):			
14	Land and land rights	\$4,737		
15	Structures and improvements	\$38,712		
16	Reservoirs, dams, and waterways			
17	Equipment costs	\$3,403,978	\$2,977,066	
18	Roads, railroads, and bridges			
19	Total cost	\$3,447,427	\$2,977,066	\$0
20	Cost per kw of installed capacity	\$251	\$1,191	#DIV/0!
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel	16,048	15,002	
25	Supplies and expenses, including water		9,005	
26	Maintenance	36,354		
27	Rents			
28	Steam from other sources			
29	Steam transferred -- Credit			
30	Total production expenses	52,402	24,007	\$0.00
31	Expenses per net Kwh (5 places)	-0.1126	0.1361	#DIV/0!
32	Fuel: Kind			
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42 gals.) (Gas-M cu. ft.) (Nuclear, indicate)	OIL	GAS	
34	Quantity (units) of fuel consumed	8,915	2,042	
35	Average heat content of fuel (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)	138,000 PER GAL	1032 mmbTU PER Mcf	
36	Average cost of fuel per unit, del. f.o.b. plant	\$75.61	\$0.63 per therm	
37	Average cost of fuel per unit consumed	\$68.80	\$0.63 per therm	
38	Average cost of fuel consumed per million B.t.u.	\$11.87	\$7.12	
39	Average cost of fuel consumed per kWh net gen.	\$0.2100	\$0.0900	
40	Average B.t.u. per kwh net generation	17.88	11.95	
41				
42				

GENERATING STATION STATISTICS (Large Stations) -- Continued
(Except Nuclear, See Instruction 10)

547 as shown on Line 24

8. The items under cost of plant and production expenses represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses, however, do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined

operations with a conventional steam unit, the gas turbine should be included with the steam station.

10. If the respondent operates a nuclear power generating station submit: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (i)	Plant (j)	Line No.
						1
						2
						3
						4
						5
			NOT APPLICABLE			6
						7
						8
						9
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						40
						41
						42

STEAM GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of

lessor, date and term of lease, and annual rent. For any generating station, other than a leased station or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output,

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
1				NOT APPLICABLE			
2							
3							
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35							
36							
37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
 4. Designate any generating station or portion thereof leased to another company and give name or lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Turbine-Generators*

Year Installed (h)	Type (i)	Steam Pressure at Throttle p.s.i.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				NOT APPLICABLE							1
											2
											3
											4
											5
											6
											7
											8
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											35
											36
TOTALS											37

Note references:

- *Report cross-compound turbine-generator units on two lines -- H.P. section and L.P. section.
- + Indicate tandem-compound (T.C.); cross-compound (C.C.); all single casing (S.C.); topping unit (T), and noncondensing (N.C.). Show back pressures.
- ** Designate air cooled generators.
- ++ If other than 3 phase, 60 cycle, indicate other characteristics.
- *+ Should agree with column (m).

HYDROELECTRIC GENERATING STATIONS

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such

property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7			NOT APPLICABLE				
8							
9							
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19							
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35							
36							
37							

* Horizontal or vertical. Also indicate type of runner -- Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I).

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.

5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)		
										1
										2
										3
										4
										5
										6
										7
										8
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										37
										38
										39
TOTALS										

NOT APPLICABLE

COMBUSTION ENGINE AND OTHER GENERATING STATIONS
(except nuclear stations)

1. Report the information called for concerning generating stations and equipment at end of year. Show associated prime movers and generators on the same line.
 2. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.
 3. Designate any generating station or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating station, other than a leased station, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent owner-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers				
			Diesel or Other Type Engine (c)	Name of Maker (d)	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)
1	PEAKING PLANT	OFF RT 9	DIESEL	ELECTROMOTIVE	1969	2	DIRECT
2							
3							
4	PEAKING PLANT	OFF RT 9	DIESEL	ELECTROMOTIVE	1975	2	DIRECT
5							
6							
7	PEAKING PLANT	OFF RT 9	DIESEL	ELECTROMOTIVE	1978	2	DIRECT
8							
9							
10	CENTECH GAS GENERATOR	CENTECH BLVD	NATURAL GAS	MILTON CAT	2019		DIRECT
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
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36							
37							
38							
39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS -- Continued
(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined.

Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers -- Continued			Generators					Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)		
3,600	7,200	1969	4,160	3 PH	60	2,750	2	5,500	1
									2
									3
3,600	7,200	1975	4,160	3 PH	60	2,750	2	5,500	4
									5
									6
3,600	7,200	1978	4,160	3 PH	60	2,750	1	2,750	7
									8
3,448	3,448	2019	13,800	3 PH	60	2,500	1	2,500	9
									10
									11
									12
									13
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TOTALS									

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below.

Line No.	Designation		Operating Voltage (c)	Type of Supporting Structure (d)	Length (Pole Miles)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1								
2								
3								
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41								
42								
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45								
46								
47	TOTALS							

* 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 sub-station, designating whether transmission or distribution and whether attended or unattended.
 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, reflectors, condensers, etc. and auxiliary equipment for increasing capacity.
 6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by

reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE			Capacity of Substation in Kva (in Service) (f)	Number Of Trans-formers in Service (g)	Number of Spare Trans-formers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number Of Units (j)	Total Capacity (k)
1	ROLFE AVE SUBSTATION	DISTRIBUTION	115	13.80		112	2				
2		UNATTENDED	kV	kV							
3											
4											
5	LOGAN SUBSTATION	DISTRIBUTION	69	13.8	4.60	66	2				
6		UNATTENDED	kV	kV	kV						
7											
8											
9	JOHNSON SUBSTATION	DISTRIBUTION	13.8	4.16		13	2				
10		UNATTENDED	kV	kV							
11											
12											
13	PEAKING PLANT	POWER SUPPLY	4.16	13.8		19	2				
14		UNATTENDED	kV	kV							
15											
16											
17	JOHNSON SUBSTATION	DISTRIBUTION	69	13.80		93	2				
18		UNATTENDED	kV	kV							
19											
20	ROLFE AVE SUB DISTRIBUTION 2002	DISTRIBUTION	115	13.80		100	2				
21		UNATTENDED	kV	kV							
22											
23											
24	CENTECH SUBSTATION	DISTRIBUTION	115	13.80		120	2				
25		UNATTENDED	kV	kV							
26											
27											
28											
29											
30											
31											
32											
						TOTALS	402	12	0		

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	TOTAL
1	Miles - Beginning of Year	193.36		193.36
2	Added During Year			0.00
3	Retired During Year	2.10		2.10
4	Miles - End of Year	191.26		191.26
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (Kva)
16	Number at beginning of year.....	15,484	18,926	4,430	229,109
17	Additions during year:				
18	Purchased.....		120	70	2,695
19	Installed.....		61		
20	Associated with utility plant acquired.....				
21	Total additions.....	0	181	70	2,695
22	Reduction during year:				
23	Retirements.....		179	99	5,832
24	Associated with utility plant sold.....				
25	Total reductions.....	0	179	99	5,832
26	Number at End of Year.....	15,484	18,928	4,401	225,972
27	In Stock.....				
28	Locked Meters' on customers' premises.....				
29	Inactive Transformers on System.....				
30	In Customers' Use.....				
31	In Companys' Use.....				
32	Number at End of Year.....		0	0	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 Distribution 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	5 KV SYSTEM	20.19	28.51	4,160		
2						
3	15 KV SYSTEM	101.25	140.09	13,800		
4						
5						
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33						
34	TOTALS	121.44	168.6			

*Indicate number of conductors per cable.

STREET LAMPS CONNECTED TO SYSTEM										
Line No.	City or Town (a)	Total (b)	TYPE							
			Incandescent		Mercury Vapor		Fluorescent		High Press. Sodium	
			Municipal (c)	Other (d)	Municipal (e)	Other (f)	Municipal (g)	Other (h)	Municipal (i)	Other (j)
1	Shrewsbury									
2	100W	241	0	0	227	0	0	0	14	0
3	175W	78	0	0	78	0	0	0	0	0
4	400W	20	0	0	11	0	0	0	9	0
5	70W	1,298	0	0	0	0	0	0	1,298	0
6	250W	82	0	0	0	0	0	0	82	0
7	LED	2,001	2,001	0	0	0	0	0	0	0
8										
9										
10										
11										
12										
13										
14										
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49										
50										
51										
52	TOTALS	3,720	2,001	0	316	0	0	0	1,403	0

RATE SCHEDULE INFORMATION

- 1. Attach copies of all Filed Rates for General Consumers.
- 2. Show below the changes in rate schedules during year and the estimated increase or decrease in annual revenue predicted on the previous year's operations.

Date Effective	M.D.P.U. Number	Rate Schedule	Estimated Effect of Annual Revenues	
			Increases	Decrease
		***** SEE ATTACHED WORKSHEETS *****		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

..... **Mayor**

DocuSigned by:

Michael Hale

7/30/2020

..... **Manager of Electric Light**

MICHAEL HALE...

DocuSigned by:

Michael A. Refolo

7/30/2020

MICHAEL A. REFOLO...

DocuSigned by:

Robert Holland

7/30/2020

ROBERT HOLLAND...

DocuSigned by:

G. M. TRIPPI

7/30/2020

ANNE M. TRIPPI...

DocuSigned by:

Maria Lemieux

7/30/2020

MARIA LEMIEUX...

DocuSigned by:

[Signature]

7/30/2020

KELLY M. MORAN...

**Selectmen
or
Members
of the
Municipal
Light
Board**

SHREWSBURY ELECTRIC & CABLE OPERATIONS
ELECTRIC RATE SCHEDULES
FOR BILLS ISSUED EFFECTIVE May 1, 2019

Rate	Blocks	Distribution Rate	Generation and Transmission Adjustment	Transmission Charge	PASNY Credit	Standard (Generation) Service	Distribution Standby Charge	Total Price
R-1	Cust. Chge.	\$5.00						\$5.00
	Per kWh	\$0.02700	(\$0.00400)	\$0.01831	(\$0.0027)	\$0.07655	NA	\$0.11516
RWH	Cust. Chge.	EFFECTIVE 04-01-2019	customers moved to R-1					
C	Cust. Chge.	\$12.00						\$12.00
	Per kWh	\$0.03050 0.028+0.0025	(\$0.00400)	\$0.01620		\$0.07655	NA	\$0.11925
GS-1	Cust. Chge.	\$50.00						\$50.00
	Per KWh	\$0.01050	(\$0.00400)	\$0.01563		\$0.07655	NA	\$0.09868
	Demand	0.008+0.0025				\$4.15/kW		\$4.15
GS-2	Cust. Chge.	\$50.00						\$50.00
	Per KWh	\$0.00850	(\$0.00400)	\$0.01402		\$0.07655	NA	\$0.09507
	Demand	0.006+0.0025				\$4.15/kW		\$4.15
M-1	Cust. Chge.	\$2.90						\$2.90
	Per KWh	\$0.02282 0.02032+0.0025	(\$0.00400)	\$0.01609		\$0.07655	NA	\$0.11146
NR-1	Cust. Chge.	\$5.00						\$5.00
	Per kWh	\$0.02700	(\$0.00400)	\$0.01831	(\$0.0027)	\$0.07655	\$2.50	\$0.11516
NC	Cust. Chge.	\$12.00						\$12.00
	Per kWh	\$0.03050 0.028+0.0025	(\$0.00400)	\$0.01620		\$0.07655	\$2.50	\$0.11925
NMGS-1	Cust. Chge.	\$50.00						\$50.00
	Per KWh	\$0.01050	(\$0.00400)	\$0.01563		\$0.07655	\$2.00	\$0.09868
	Demand	0.008+0.0025				\$4.15/kW		\$4.15
NMGS-2	Cust. Chge.	\$50.00						\$50.00
	Per KWh	\$0.00850	(\$0.00400)	\$0.01402		\$0.07655	\$2.00	\$0.09507
	Demand	0.006+0.0025				\$4.15/kW		\$4.15