The Commonwealth of Massachusetts

RETURN

OF THE

TOWN OF

ROWLEY, MASSACHUSETTS

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For The Year Ended December 31,

2021

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

Matthew R. Brown

Official title:

Manager

Office address:

47 Summer Street

Form AC-19

Rowley, MA 01969

GENERAL INFORMATION

1. Name of town (or city) making report.

Rowley, MA

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, 131; No, 6 Second vote: Yes, 122; No, 2 Dec. 10, 1909 & Feb. 12, 1910 Date when town (or city) began to sell gas and electricity, March 14, 1910

3. Name and address of manager of municipal lighting:

Matthew R. Brown, 47 Summer Street, Rowley MA 01969

4. Name and address of mayor or selectman:

Robert Snow, 139 Main Street, Rowley MA 01969 Joseph Perry, 139 Main Street, Rowley MA 01969 David C. Petersen, 139 Main Street, Rowley MA 01969 Clifford Pierce, 139 Main Street, Rowley MA 01969 Deana M.P. Ziev, 139 Main Street, Rowley MA 01969

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

Karen Summit, 139 Main Street, Rowley MA 01969

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

Catie McClenaghan, 139 Main Street, Rowley, MA 01969

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

Bryan DiPersia, 47 Summer Street, Rowley MA 01969 Danby Whitmore, 47 Summer Street, Rowley MA 01969 Mark Cousins, 47 Summer Street, Rowley MA 01969

8. Total valuation of estates in town (or city) according to last State Valuation \$ 1,318,318,400.00

9. Tax rate for all purposes during the year: \$ 14.62

10. Amount of manager's salary: \$ 156,000.00

11. Amount of manager's bond: \$ 20,000.00

12. Amount of salary paid to members of municipal light board (each) \$ None

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 7,721,000.00 From sales of electricity 2 7,721,000.00 3 Total 4 5 **EXPENSES:** 6,974,405.32 6 For operation, maintenance and repairs..... 7 For interest on bonds, notes or scrip..... For depreciation fund (5 percent on \$10,239,893.58 as per page 8B)..... 511,994.68 8 9 For sinking fund requirements..... 10 For note payments..... 11 For bond payments..... 12 For loss in preceding year..... 7,486,400.00 13 14 COST: 15 16 Of gas to be used for municipal buildings..... 17 Of gas to be used for street lights..... Of electricity to be used for municipal buildings..... 213,600.00 18 Of electricity to be used for street lights..... 21,000.00 19 Total of above items to be included in the tax levy..... 234,600.00 20 21 22 New construction to be included in the tax levy..... 234,600.00 23 Total amounts to be included in the tax levy..... **CUSTOMERS** Names of cities or towns in which the plant supplies Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in GAS, with the number of customers' meters in each. each Number of Customers' City or Town Number of Customers' City or Town Meters, Dec. 31 Meters, Dec. 31 3,029 Rowley 3,029 **Total Total**

BONDS

(Issued on Account of Gas or Electric Lighting)

(Issued on Account of Gas or Electric Lighting)								
When Authorized*	Date of Issue	Amount of	Periods of Payments Interest			Interest	Amount Outstandin	
		Original Issues!	Amounts	When Payable	Rate	When Payable	at End of Year	
05-07-01	02-01-02	1,100,000.00					0.0	
						\$		
·					et .			
							3 8 8 8 8	
	TOTAL	1,100,000.00				TOTAL	. 0	

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

TOWN NOTES (ISSUED ON ACCOUNT OF GAS OR ELECTRIC LIGHTING.)

When Authorized*	Date of Issue	Amount of	Periods of	Payments		Interest	Amount Outstandir
		Original Issues!	Amounts	When Payable	Rate	When Payable	at End of Year
03-14-10	03-17-10	12,000.00					
01-02-11	05-17-10	2,400.00					
10-21-11	11-11-11	600.00					
	08-07-12	3,000.00					
06-06-12	12-27-16	1,200.00					
08-28-16	08-18-86	100,000.00					
03-03-86	07-07-87	800,000.00					
03-03-86	05-25-89	250,000.00					
10-31-88		90,000.00					
05-15 - 98	05-15 - 98	90,000.00					
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		1					1
		l i					
							1
					2		
					8		
		1,259,200.00				TOTAL	

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

Year ended December 31, 2021

i		TOTAL COST OF	PLANT - ELECTRIC	C (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	(6)	(0)	147			187
2	330 Land and Land Rights						
3	331 Structures and Improvements						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and						
3	Generators						Į.
6	334 Accessory Electric Equipment						
7	335 Miscellaneous Power Plant	82					
"	Equipment						
8	336 Roads, Railroads and Bridges	0					N707- 160
9	Total Hydraulic Production Plant						
10	D. Other Production Plant	-					
11	340 Land and Land Rights						
12	341 Structures and Improvements						
13	342 Fuel Holders, Producers and	8					
"	Accessories						
14	343 Prime Movers						
15	344 Generators						~ 1
16	345 Accessory Electric Equipment						
17	346 Miscellaneous Power Plant						
1618	Equipment						
18	Total Other Production Plant				<u> </u>		
19	Total Production Plant						
20	3. TRANSMISSION PLANT						
21	350 Land and Land Rights						
22	351 Clearing Land and Rights of Way						
23	352 Structures and Improvements						
24	353 Station Equipment						
25	354 Towers and Fixtures						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Devices						
28	357 Underground Conduits						
29	358 Underground Conductors and						
	Devices						
30	359 Roads and Trails						
31	Total Transmission Plant			L	l	l	

TOTAL C	COST	OF PL	ANT -	ELECTR	UC .	(Continued)	
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		Balance		LLEOTING (GOTHLING			
		Beginning					Balance
Line	Account	of Year	Additions	Retirements	Adjustments	Transfers	End of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	267,334.75					267,334.75
3	361 Structures and Improvements	222,066.08					222,066.08
4	362 Station Equipment	2,573,891.46	6,095.68				2,579,987.14
5	363 Storage Battery Equipment	2,575,051.40	0,000.00				
6	364 Poles, Towers and Fixtures	1,308,056.80	85,302.63	5,506.33			1,387,853.10
	365 Overhead Conductors and Devices	1,313,937.48	14,299.45	0,000.00			1,328,236.93
7		67,150.31	11,778.59				78,928.90
8	366 Underground Conduits		167,522.80				425,403.09
9	367 Underground Conductors & Devices	257,880.29	55,008.06				798,109.73
10	368 Line Transformers	743,101.67	10,079.04				298,353.68
11	369 Services	288,274.64		1,802.00	į		455,933.93
12	370 Meters	456,987.73	748.20	1,002.00			400,900.90
13	371 Installation on Cust's Premises		40 400 47				143,674.03
14	372 Leased Prop. on Cust's Premises	133,183.56	10,490.47	0.004.04			
15	373 Street Light and Signal Systems	359,548.79	610.42	6,334.64			353,824.57
16	Total Distribution Plant	7,991,413.56	361,935.34	13,642.97		**	8,339,705.93
17	5. GENERAL PLANT						45.000.00
18	389 Land and Land Rights	15,000.00					15,000.00
19	390 Structures and Improvements	452,075.44					452,075.44
20	391 Office Furniture and Equipment	226,052.89	es en son son son en en				226,052.89
21	392 Transportation Equipment	1,185,301.90	39,020.00	27,800.00			1,196,521.90
22	393 Stores Equipment	1,975.21					1,975.21
23	394 Tools, Shop & Garage Equipment	212,297.73	4,547.35				216,845.08
24	395 Laboratory Equipment			E			
25	396 Power Operated Equipment						}
26	397 Communication Equipment	55,793.23	1,380.91				57,174.14
27	398 Miscellaneous Equipment	16,877.74					16,877.74
28	399 Other Tangible Property	5		8			
29	Total General Plant	2,165,374.14	44,948.26	27,800.00			2,182,522.40
30	Total Electric Plant in Service	10,156,787.70	406,883.60	41,442.97			10,522,228.33
31	1 2 201 101 201 201 201 201 201 201 201				tric Plant	***************************************	10,522,228.33
32							
33				Less Cost of Land, L			
34				Total cost upon which	h depreciation is b	ased	. 10,239,893.58

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 values, should be taken as a basis for figuring depreciation.

10,239,893.58 X 5%= 511,994.68

COMPARATIVE BALANCE SHEET Assets and Other Debits

. Program	Title of Account	Balance Beginning of	Balance	Increase
Line	(2)	Year	End of Year	or (Decrease) (d)
No.	(a)	(b)	(c)	(0)
1	UTILITY PLANT			
2	101 Utility Plant - Electric (P.17)	4,575,436.10	4,479,459.46	(95,976.64)
3	101 Utility Plant - gas (P.20)	STREET, STREET, SANDON, SANDON,	Statement Section Association (Control	C. 47 (c) = 92.70 (m) (44.7 m) (2.7 (c) (c) € (7
4				322
5	Total Utility Plant	4,575,436.10	4,479,459.46	(95,976.64)
6				
7				
8				
9				
10				
11	FUND ACCOUNTS			
12	125 Sinking Funds	2 020 540 00	4,306,461.26	477.942.40
13	126 Depreciation Fund (P. 14)	3,828,518.86 1,608,612.65	1,876,252.67	267,640.02
14 15	128 Other Special Funds	5,437,131.51	6,182,713.93	745,582.42
15	Total Funds	5,437,131,31	0,102,713.93	140,002.42
16	CURRENT AND ACCRUED ASSETS			
17	131 Cash (P. 14)	1,672,364.87	1,546,166.74	(126,198.13)
18	132 Special Deposits	106,690.00	111,943.22	5,253.22
19	132 Working Funds	690.00	690.00	0.00
20	141 Notes Receivable			
21	142 Customer Accounts Receivable	426,794.26	151,994.86	(274,799.40)
22	143 Other Accounts Receivable	20,074.73	(8,124.22)	(28,198.95)
23	146 Receivables from Municipality		46 	
24	151 Materials and Supplies (P.14)	99,431.37	105,429.34	5,997.97
25	1945/97, 3791	M. DOWN SE VE WALKERSON		
26	165 Prepayments	1,161,942.26	1,345,509.46	183,567.20
27	174 Miscellaneous Current Assets	270,371.68	268,500.68	(1,871.00)
28	Total Current and Accrued Assets	3,758,359.17	3,522,110.08	(236,249.09)
00	DESCRIPTION DEDITO			
29	DEFERRED DEBITS			
30	181 Unamortized Debt Discount			
31	182 Extraordinary Property Losses			
33	Total Deferred Debits			
34	Total Deletted Debits		al distributed	
35	Total Assets and Other Debits.	13,770,926.78	14,184,283.47	413,356.69

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

	Title of Account	Balance Beginning of	Balance	Increase
ne	2 0	Year	End of Year	or (Decrease)
lo.	(a)	(b)	(c)	(d)
	APPROPRIATIONS			
	201 Appropriations for Construction			
	SURPLUS			
	205 Sinking Fund Reserves			
	206 Loans Repayments	2,359,200.00	2,359,200.00	0.00
ĺ	207 Appropriations for Construction Repayments	0.00	0.00	0.00
	208 Unappropriated Earned Surplus (P.12)	6,102,075.91	6,395,228.57	293,152.66
ĺ	Total Surplus	8,461,275.91	8,754,428.57	293,152.66
	LONG TERM DEBT			
0	221 Bonds (P.6)	0.00	0.00	0.00
1	231 Notes Payable (P.7)		3000,000	
2	Total Bonds and Notes	0.00	0.00	0.00
3	CURRENT AND ACCRUED LIABILITIES			
4	232 Accounts Payable	452,407.18	478,758.15	26,350.97
5	234 Payables to Municipality		,,	
6	235 Customer's Deposits	106,690.00	111,943.22	5,253.22
7	236 Taxes Accrued	2,687.31	3.047.09	359.78
8	237 Accrued Expenses	3,098,288.43	3,086,480.64	(11,807.79)
9	242 Miscellaneous Current and Accrued Liabilities.	43,065.00	41,194.00	(1,871.00)
0	Total Current and Accrued Liabilities	3,703,137.92	3,721,423.10	18,285.18
11	DEFERRED CREDITS			
2	251 Unamortized Premium on Debt			
23	252 Customer Advances for Construction	27,106.64	27,106.64	0.00
24	253 Other Deferred Credits	27,100.01	27,100.01	
5	Total Deferred Credits	27,106.64	27,106.64	0.00
6	RESERVES			
.ro	260 Reserves for Uncollectable Accounts	25,000.00	25,000.00	0.00
28	261 Property Insurance Reserve	25,000.00	20,000.00	0.00
9	261 Property Insurance Reserve			
10	263 Pensions and Benefits			
1	265 Miscellaneous Operating Reserves			
2	Total Reserves	25,000.00	25,000.00	0.00
3	CONTRIBUTIONS IN AID OF CONSTRUCTION			
14	271 Contributions in Aid of Construction	1,554,406.31	1,656,325.16	101,918.85
35	Total Liabilities and Other Credits	13,770,926.78	14,184,283.47	413,356.69

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.

In Lieu of Tax Payment: \$20,956.40

STATEMENT OF INCOME FOR THE YEAR Total Increase of (Decrease) from Line Account Current Year Preceding Year No. (c) (b) (a) **OPERATING INCOME** 1 400 Operating Revenue (P.37 and 43)..... 7,754,252.00 (35.715.99)2 3 Operating Expenses: 401 Operation Expense (P.42 and 47)..... 6,726,686.01 442,864.16 4 402 Maintenance Expense (P.42 and 47)..... 449,633.70 76,742.72 5 219,980.37 502,860.24 6 403 Depreciation Expense..... 7 407 Amortization of Property Losses..... 8 408 Taxes (P.49)..... 9 7,679,179.95 739.587.25 10 Total Operating Expenses..... (775,303.24) 75,072.05 11 Operating Income. 414 Other Utility Operating Income (P.50)..... 12 13 75,072.05 (775,303.24)14 Total Operating Income..... 15 OTHER INCOME 16 415 Income from Merchandising, Jobbing and Contract Work (P.51) 17 419 Interest Income.... 102,973.13 (148, 195, 19)18 421 Miscellaneous Nonoperating Income...... 102,973.13 (148,195.19) 19 Total Other Income..... 178,045.18 (923,498.43) Total Income..... 20 MISCELLANEOUS INCOME DEDUCTIONS 21 22 425 Miscellaneous Amortization.... 23 426 Other Income Deductions..... 24 Total Income Deductions..... 178,045.18 (923,498.43) Income Before Interest Charge 25 26 INTEREST CHARGES 27 427 Interest on Bonds and Notes..... 428 Amortization of Debt Discount and Expense..... 28 429 Amortization of Premium on Debt - Credit..... 29 30 431 Other Interest Expense..... 31 432 Interest Charged to Construction-Credit..... 0.00 0.00 32 Total Interest Charges..... NET INCOME..... 178,045.18 (923,498.43)33 **EARNED SURPLUS** Credits **Debits** Line (a) (b) (c) No. 6,102,075.91 208 Unappropriated Earned Surplus (at beginning of period)..... 34 35 36 178,045.18 433 Balance Transferred from Income...... 37 434 Miscellaneous Credits to Surplus..... 136,063.88 38 435 Miscellaneous Debits to Surplus..... 39 20,956.40 40 436 Appropriations of Surplus (P.21)..... 41 437 Surplus Applied to Depreciation..... 208 Unappropriated Earned Surplus (at end of period)..... 6,395,228.57 42 43 6,416,184.97 6,416,184.97 Totals 44

Annua	al report Town of Rowley Municipal Light Department	Year ended Dec	ember 31, 2021
	CASH BALANCES AT END OF YEAR (Account 131)		
Line No.	Items (a)		Amount (b)
2 3 4 5 6 7 8	Operation Fund		1,546,166.74 1,085,308.33 790,944.34
11 12		TOTAL	3.422.419.41
	MATERIALS AND SUPPLIES (Accounts 151-159, 163 Summary Per Balance Sheet Account	Amount Er	nd of Year Gas
Line No.	(a)	(b)	(c)
14 15 16 17 18 19 20 21	Fuel (Account 151) (See Schedule, Page 25). Fuel Stock Expenses (Account 152)	105,429.34	
23	F	105,429.34	
Line No.	DEPRECIATION FUND ACCOUNT (Account 136) (a)	314	Amount (b)
24 25	Balance of account at beginning of year	TOTAL	3,828,518.86 (15,780.24) 493,722.64 4,306,461.26
37 38	Balance on hand at end of year	TOTAL	4,306,461.26 4,306,461.26

	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 (c)	
1101	\-\frac{1}{2}							
1	C. Hydraulic Production Plant				2			
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			4		,		
8	336 Roads, Railroads and Bridges							
9	Total Hydraulic Production Plant	-						
10	D. Other Production Plant	5	*			8		
11	340 Land and Land Rights			§ 51				
12	341 Structures and Improvements							
13	342 Fuel Holders, Producers and				3			
	Accessories							
14	343 Prime Movers							
15	344 Generators							
16	345 Accessory Electric Equipment							
17	346 Miscellaneous Power Plant							
	Equipment							
18	Total Other Production Plant							
19	Total Production Plant							
20	3. TRANSMISSION PLANT							
21	350 Land and Land Rights							
22	351 Clearing Land and Rights of Way							
23	352 Structures and Improvements							
24	353 Station Equipment							
25	354 Towers and Fixtures	i i						
26	355 Poles and Fixtures						*	
27	356 Overhead Conductors and Devices							
28	357 Underground Conduits		11					
29	358 Underground Conductors and				3	10		
	Devices							
30	359 Roads and trails			8				
31	Total Transmission Plant							

	UTILITY PLANT - ELECTRIC (Continued)						
Line	Account	Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1001		~ ` `	100				
1	4. DISTRIBUTION PLANT	***************					
2	360 Land and Land Rights	267,334.75	0	DE 16 JOAN SERVICE DE PRESIDE			267,334.75
3	361 Structures and Improvements	56,951.79		11,103.36			45,848.43
4	362 Station Equipment	400,359.74	6,095.68	129,538.44			276,916.98
5	363 Storage Battery Equipment			North Annahold dates			
6	364 Poles, Towers and Fixtures	742,534.31	85,302.63	65,402.88			762,434.06
7	365 Overhead Conductors and Devices	527,164.99	14,299.45	65,696.88			475,767.56
8	366 Underground Conduits	20,834.80	11,778.59	3,357.48			29,255.91
9	367 Underground Conductors & Devices.	93,416.64	167,522.80	12,894.00			248,045.44
10	368 Line Transformers	378,912.52	55,008.06	37,155.12			396,765.46
11	369 Services	117,235.12	10,079.04	14,413.68			112,900.48
12	370 Meters		748.20	22,849.44			287,911.62
13	371 Installation on Cust's Premises			23 19585552 50 60			
14	372 Leased Prop. on Cust's Premises	86,610.30	10,490.47	6,659.16			90,441.61
15	373 Street Light and Signal Systems	251,705.86	610.42	17,977.44	3		234,338.84
16	Total Distribution Plant	3,253,073.68	361,935.34	387,047.88			3,227,961.14
17	5. GENERAL PLANT						
18	389 Land and Land Rights	15,000.00					15,000.00
19	390 Structures and Improvements	92,422.99		22,603.80			69,819.19
20	391 Office Furniture and Equipment	83,180.71	,	11,302.68			71,878.03
21	392 Transportation Equipment	995,647.01	39,020.00	68,402.64	8		966,264.37
22	393 Stores Equipment	1,975.21		98.76			1,876.45
23	394 Tools, Shop & Garage Equipment	110,518.96	4,547.35	10,614.84			104,451.47
24	395 Laboratory Equipment						
25	396 Power Operated Equipment			\$10 May (Kananana * A2000-045			
26	397 Communication Equipment	23,617.53	1,380.91	2,789.64			22,208.80
27	398 Miscellaneous Equipment	0.01					0.01
28	399 Other Tangible Property						
29	Total General Plant	1,322,362.42	44,948.26	115,812.36			1,251,498.32
30	Total Electric Plant in Service	4,575,436.10	406,883.60	502,860.24	*****		4,479,459.46
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress						
34	Total Utility Plant Electric	4,575,436.10	406,883.60	502,860.24		l	4,479,459.46

	MISCELLANEOUS NONOPERATING INCOME (Account 421)	
Line	ltem		Amount
NO.	(a)		(b)
1	No. 4		39V
2			
3		1	
4			
5		TOTAL	
6		TOTAL	
	OTHER INCOME DEDUCTIONS (Account 426)		
Line	Item		Amount
No.	(a)		(b)
7		1	
8			
10			
11			
12			
13			
14		TOTAL	
	MISCELLANEOUS CREDITS TO SURPLUS (Account 434)		
Line	ltem	_	Amount
No.	(a)		(b)
15		ì	100 000 00
16	Market Value Adjustment on ENE Investment account		136,063.80
17			
18			
19			
20 21		ļ	
22		1	
23		TOTAL	136,063.80
			.00,000.00
1.2	MISCELLANEOUS DEBITS TO SURPLUS (Account 435)		A
Line	ltem (a)		Amount (b)
No.	(a)		(0)
25			
26			
27			
28			
29			
30			
31			
32		TOTAL	0.00
	APPRORIATIONS OF SURPLUS (Account 436)		
Line	Item		Amount
No.	(a)		(b)
33			
34	In Lieu of Tax Payment		20,956.40
35		F	7.7
36			
37			
38			5
39		-	
40		TOTAL	20 956 40

			MUNICIPAL REVENUE			
Line NO.	Acc't No.	Gas Sche		Cubic Feet (b)	Revenue Received	Average Revenue Per M.C.F. (\$0.0000) (d)
1 2 3 4	482	(a)		(0)	(0)	(0)
		1000	TOTALS			Average Revenue
		Electric Sc	hedule	K.W.H.	Revenue Received	Per K.W.H. (cents) (0.0000)
		(a)		(b)	(c)	(d)
5 6 7 8 9 10	444 Municipal: (Other Than Street Lighting)			1,362,595	212,627.25	0.1560
12			TOTALS	1,362,595	212,627.25	0.1560
13 14 15 16		Street Lighting:		119,488	20,956.40	0.1754
17 18			TOTALS	119,488	20,956.40	0.1754
19			TOTALS	1,482,083	233,583.65	0.1576
			PURCHASED POWER	R (ACCOUNT 555)		
Line	Names of Utilities Where and at Wh		Where and at What Voltage Received	K.W.H.	Amount	Cost per K.W.H. (cents) (0.0000)
No.		(a)	(b)	(c)	(d)	(e)
20			Daniels Road, Rowley 23,000 volts	· [6
22 23 24 25 26	Brown PASN Spruc	lY e Mountain Wind nal Grid	25,500 15110	3,494,836 918,066 2,532,719 1,228,239 26,355,182	2,867,485.62 46,258.22 57,620.17 121,902.63 380,666.93 1,071,290.38	0.0504 0.0228 0.0992 0.0406
		o Granite and Fin. Stmnt No	extEra	20,000,102	(94,018.31)	
30 31 32 33 34	29 Central Street 30 Power Fund I 31 Saddleback Ridge 32 First Light Power Resources 33 Granite Reliable 34 Shell Energy 35 Hydro Quebeck Phase 1 & 2		TOTALS	808,431 1,897,741 1,241,277 3,003,868 526,456 4,575,900 46,582,715	56,894.10 143,753.86 115,580.05 137,685.74 13,893.50 169,765.89 5,610.91	0.0757 0.0931 0.0458 0.0264 0.0371
	S	*	SALES FOR RESALE	(Account 447)	PF	
		Names of Utilities to which Electric	Where and at What Voltage Delivered	K.W.H.	Amount	Revenue per K.W.H. (cents)
Line		Energy is Sold	-	CP SO A POSE SO SO POSE SO	STOCKS CONTRACTOR	(0.0000)
No. 37 38 39 40 41 42 43 44	3	(a)	(b)	(c)	(d)	(e)
4€			TOTALS			

ELECTRIC OPERATING REVENUES (Account 400)

- Report below the amount off operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
- 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 pruposes, 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. Classiffication 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.

		Operating F	Operating Revenues		ours Sold	Average Number of Customers per Month		
Line No.	Account (a)	Amount for year (b)	Increase or (Decrease) from Preceding Year (c)	Amount for Year (d)	Increase or (Decrease) from Preceding Year (e)	Number for Year (f)	Increase or (Decrease) from Preceding Year (g)	
1 2 3 4	SALES OF ELECTRICITY 440 Residential Sales 442 Commercial and Industrial Sales: Small (or Commercial) see instr. 5	3,995,540.31 386,906.70	(39,627.05) 12,232.25	22,081,008 1,842,553	108,397 97,422	2,573 260	23	
5 6 7 8	Medium (or Industrial) see instr. 5 Large (or Industrial) see instr. 5 444 Municipal Sales (Page 22)	2,473,098.86 534,632.37 233,583.65 48,979.92	(13,629.71) (1,209.00) (2,415.86) (1,325.76)	14,431,959 3,433,760 1,482,083 162,760	6,547 46,560 185,719 (6,933)	178 1 17 101	0 0 2 0	
9 10	448 Interdepartmental Sales	7,672,741.81	(45,975.13)	43,434,123	437,712	3,130	28	
11 12 13	447 Sales for Resale	7,672,741.81	(45,975.13)	43,434,123	437,712	3,130	28	
14 15 16 17 18 19 20 21 22 23 24	OTHER OPERATING REVENUES 450 Forfeited Discounts	16,568.80 64,941.39	0.00 10,259.14	*Includes revenues from application of fuel clauses \$3,311,340.11 Total KWH to which applied39,902,378				
25 26	Total Other Operating Revenues Total Electric Operating Revenue	81,510.19 7,754,252.00	10,259.14 (35,715.99)					

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account 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.

6 444 Municipal 1,362,595 212,627.25 15.6046 13 17	
Line No. Acct. No. Schedule (a) K.W.H. (b) Revenue (c) (0.0000) (d) July 31, (e) December 3 (f) 1 440 Rate - A Rate - B 22,081,008 3,995,540.31 386,906.70 20.9984 252 260 2,573 386,906.70 20.9984 252 260 252 260 4 442.1 Rate - C 14,431,959 2,473,098.86 17.1363 178 178 178 178 178 5 442.2 Rate - D 3,433,760 534,632.37 15.5699 1 1 1 1 1 1 6 444 Municipal 1,362,595 212,627.25 15.6046 13 17	
3 442 Rate - B 1,842,553 386,906.70 20.9984 252 260 4 442.1 Rate - C 14,431,959 2,473,098.86 17.1363 178 178 5 442.2 Rate - D 3,433,760 534,632.37 15.5699 1 1 6 444 Municipal 1,362,595 212,627.25 15.6046 13 17	er 31,
8 445.1 Private Area Lights 9 162,760 48,979.92 30.0933 102 101 101 11 12 13 13 14 15 16 16 17 18 19 20 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49 50 TOTAL SALES TO ULTIMATE	260 178 1 17 0
CONSUMERS (Page 37 line 1 43,434,123 7,672,741.81 17.6652 3,092 3,130	,130

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line	Account	Amount for Year	Increase or (Decrease) from Preceding Year
No.	(a)	(b)	(c)
1 2	HYDRAULIC POWER GENERATION - Continued Maintenance:	\$	\$
3	541 Maintenance Supervision and engineering		
4	542 Maintenance of structure res		
5	543 Maintenance or reservoirs, dams and waterways		Į
6	544 Maintenance of electric plant	ė.	
7	545 Maintenance of miscellaneous hydraulic plant		
8	Total maintenance		
9	Total power production expenses - hydraulic power		
10	OTHER POWER GENERATION		
11	Operation:		
12	546 Operation supervision and engineering		
13	547 Fuel		Į.
14	548 Generation Expenses		
15			
16	550 Rents		
17	Total Operation		
18	Maintenance:		
19 20	551 Maintenance supervision and engineering		
21	553 Maintenance of generating and electric plant		
22	554 Maintenance of miscellaneous other power generation plant		
23	Total Maintenance		
24	Total power production expenses - other power		
25	OTHER POWER SUPPLY EXPENSES		
	555 Purchased power	5,094,389.69	267,785.92
27	556 System control and load dispatching		
28	557 Other expenses		628.23
29	Total other power supply expenses.	5,114,390.21	268,414.15
30	Total power production expenses	5,114,390.21	268,414.15
31	TRANSMISSION EXPENSES		
32	Operation:		
	560 Operation supervision and engineering		
34	561 Load dispatching		
	562 Station expenses.	E.	
	563 Overhead line expenses.		
	564 Underground line expenses.		
	565 Transmission of electricity by others.		
40	566 Miscellaneous transmission expenses		
41	Total Operation		
42	Maintenance:		
	568 Maintenance supervision and engineering		
44			
45	Device State of the state of th		
46	Property was a victor of the contract of the c	1	
47	572 Maintenance of underground lines		
48	And the second of the second o	1	
49			
50			

	ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued					
	ELECTRIC OF ERATION AND MAINTENANCE EN ENGLO - CON		Increase or			
Line No.	Account (a)	Amount for Year (b)	(Decrease) from Preceding Year (c)			
		\$	\$			
1	DISTRIBUTION EXPENSES					
2	Operation:	0.00	(407.40)			
3	580 Operation supervision and engineering		(187.12)			
5	581 Load dispatching		0.00			
6	583 Overhead line expenses.		15,087.76			
7	584 Underground line expenses	V. The state of th	10,007.70			
8	585 Street lighting and signal system expenses					
9	586 Meter expenses		8,727.15			
10	587 Customer installations expenses		855.59			
11	588 Miscellaneous distribution expenses	93,753.27	(22,286.64)			
12	589 Rents	000 055 04	0.400.74			
13 14	Total operation	260,255.91	2,196.74			
15	Maintenance: 590 Maintenance supervision and engineering	70,924.22	(525.01)			
16	591 Maintenance of structures		(1,835.36)			
17	592 Maintenance of station equipment		(6,561.35)			
18	593 Maintenance of overhead lines		78,583.01			
19	594 Maintenance of underground lines	37,653.31	15,358.24			
20	595 Maintenance of line transformers	(101.25)	(5,186.59)			
21	596 Maintenance of street lighting and signal systems		1,917.96			
22	597 Maintenance of meters	The state of the s	4,535.61			
23	598 Maintenance of miscellaneous distribution plant		0.00			
24	Total maintenance		86,286.51			
25	Total distribution expenses	706,140.18	88,483.25			
26 27 28	CUSTOMER ACCOUNTS EXPENSES Operation: 901 Supervision		454.07			
29 30	902 Meter reading expenses		454.07			
31	903 Customer records and collection expenses		(22,444.18) 116,904.90			
32	906 Conservation/efficiency	60,115.72	29,347.22			
33	The state of the s		124,262.01			
55	Total dastonal adocume expenses	200,000.00	124,202.01			
34	TO SECURITY OF THE PARTY OF THE					
35			d d			
1	911 Supervision					
37	912 Demonstrating and selling expenses		(5,156.40)			
38 39	913 Advertising expenses		(5,150.40)			
40	Total sales expenses		(5,156.40)			
10	. via vijo vijonovimimi imimimi imimimimi imimimimimimimi	1,010.70	(0,100.10)			
41	ADMINISTRATIVE AND GENERAL EXPENSES					
42						
43	920 Administrative and general salaries		24,527.75			
44	921 Office supplies and expenses.	105,842.02	56,276.25			
	922 Administrative expenses transferred - Cr					
	923 Outside services employed		(13,686.80)			
	924 Property insurance		2,691.42			
	925 Injuries and damages		1,589.45			
	926 Employee pensions and benefits		(45,830.11)			
50						
51			1 620 16			
52	No. 1 is a second secon	17	4,628.16			
54			30,196.12			
	1 otal operation	1,001,990,39	30,130,12			

ine 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	8,285.03	(5,008.19)
4	933 Transportation expense	57,014.11	22,951.55
5	Total administrative and general expense:	1,066,748.08	48,139.48
	Total Electric Operation and Maintenance Expenses	7,180,855.32	524,142.49

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Functional Classification	Operation	Maintenance	Total
No.	(a)	(b)	(c)	(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	5,114,390.21		5,114,390.21
13	Total power production expenses	5,114,390.21	10 070 NOT TAX - 10 0.7 5 - 12 0.7	5,114,390.21
14	Transmission Expenses			
	Distribution Expenses	260,255.91	445,884.27	706,140.18
16	Customer Accounts Expenses	285,930.09		285,930.09
17	Sales Expenses	7,646.76		7,646.76
18	Administrative and General Expenses	1,001,448.94	65,299.14	1,066,748.08
19	Total Electric Operation and		20 MTR - S	
20	Maintenance Expenses	6,669,671.91	511,183.41	7,180,855.32

21 Ratio of operating expenses to operating revenues (carry out decimal two places,e.g.:0.00%)

Compute by dividing Revenues (acct 400) into the sum of Operation and Maintenance Expenses (Page 42.

line 20 (d), Depreciation (Acct 403) and Amortization (Acct 407)

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

23 Total number of employees of electric department at end of year including administrative,

operating, maintenance and other employees (including part time employees)

92.60%

\$1,056,303.85

8

ELECTRIC ENERGY ACCOUNT

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

Line		Item		Kilowatt-hours
No.		(a)		(b)
1		SOURCES OF ENERGY		
2	Generation (excluding station use):			
3	Steam		**********	
4	Nuclear		********* ******************	
5	Hydro	***************************************	*********	
6	Other Total Generation			
7	Purchases			46,582,715
8		In (gross)	N=1000000 00.0	*******
9	Interchanges			*****
10		Net (kWh)		
12		Received		******
13	Transmission for/by others (wheeling)	Delivered		******
14		Net (kWh)		
15				2.5
16	TOTAL			46,582,715
17	DISPOSITION C	F ENERGY		
18	Sales to ultimate consumers(including inf	terdepartmental sales)	********** ******************	43,434,123
19	Sales for resale			
20	Energy furnished without charge		CONTRACTOR	
21	Energy used by the company(excluding s			
22	Electric Department only	***************************************	*********	208,953
23	Energy losses:			
24	Transmission and conversion losses		1175855.428	
25	Distribution losses			
26	Unaccounted for losses		1763783.142	0.000
27	Total energy losses		2939638.57	2,939,639
28	Energy losses as percent of total on line		-	40.500.745
	Unaccounted Lo	sses: 3.79%	TOTAL	46,582,715

MONTHLY PEAKS AND OUTPUT

- I. Reports hereunder the information called for pertaining to simultaneous peaks estalished 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) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.
- State type of monthly peak reading (instantaneous 15, 30, or 60 minutes intergrated)
- 4. Monthy 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.
 - If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

			Rowley, N	ΛA		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	January	7,443	Friday	1/29	1000-1100	60 MIN	4,160,477	
30	February	7,346	Monday	2/1	1700-1800	60 MIN	3,763,334	
31	March	6,930	Tuesday	3/2	1900-2000	60 MIN	3,748,882	
32	April	6,312	Friday	4/16	1100-1200	60 MIN	3,331,730	
33	May	8,993	Wednesday	5/26	1800-1900	60 MIN	3,507,279	
34	June	12,185	Wednesday	6/30	1700-1800	60 MIN	4,652,718	
35	July	10,366	Wednesday	7/7	1600-1700	60 MIN	3,361,667	
36	August	11,485	Thursday	8/12	1700-1800	60 MIN	5,016,094	
37	September	8,367	Wednesday	9/15	1700-1800	60 MIN	3,871,672	
38	October	5,965	Wednesday	10/27	1100-1200	60 MIN	3,474,106	
39	November	6,868	Monday	11/29	1800-1900	60 MIN	3,604,571	
40	December	7,353	Monday	12/20	1800-1900	60 MIN	4,090,184	
41						TOTAL	46,582,715	

SUBSTATIONS

- 1. Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve but one industrial or street railway customer should not be listed hereunder.
- Substations with capacities of less 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.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
- 5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliaray 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.

		Character		Voltage		Capacity of	Number	Number	Conversion Apparatus	and Special	Equipment
Line No.	Name and Location of Substation (a)	Substation of Substation Substation in kva Primary Secondary Tertlary (In Service) (b) (c) (d) (e) (f)	(In Service)	of Trans- formers in Service (g)	of Spare Trans- formers (h)	Nur Type of Equipment of ((i)	nber Jnits (j)	Total Capacity (k)			
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Power House Road, Rowley	DISTRIBUTION UNATTENDED	23,000	13,200		7,500 15,500	2 1	0	NONE		
32				1	TOTALS	22,500.	3	0			

277/480 3 Phase 4 Wire

OVERHEAD DISTRIBUTION LINES OPERATED

Line		Length (Pole Miles)					
No.		Wood Poles	Steel Towers	Total			
1	Miles-Beginning of Year	49.176		49.176			
2	Added During Year	0		0			
3	Retired During Year	0		0			
4	Miles-End of Year	49.176	2000	49.176			
7 8	Distribution System CharacteristicsA.C.	or D.C., phase, cycl	es and operating voltage	s for Light and Power.			
9	,	100° 00 500	5 et 150				
10	3 Phase 4 Wire 2400/4160 Y 60 H2 AC	to					
11	120/240 1 Phase 3 Wire						
12	240 3 Phase 3 Wire						
13	480 3 Phase 3 Wire						
14	120/240 3 Phase 4 Wire						
100000							

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

9				Line Tra	nsformers
Line No.	ltem	Electric Services	Number of Watt-hour Meters	Number	Total Capacity (KVA)
16 17	Number at Beginning of Year Additions During the Year:	2,417	3,179	751	27,842.5
18	Purchased	0	1	20	1,125.0
19	Installed	28	49	33	947.5
20	Associated with Utility Plant Aquired.		0	0	0.0
21	Total Additior	28	50	53	2,073
22 23 24	Reductions During the Year: Retirements Associated with Utility Plant Sold	3	17	0	0.0
25	Total Reductions	3	17	14	472.5
26	Number at End of Year	2,442	3,212	790	29,442.5
27	In Stock		179	111	7,125.0
28	Locked Meters on Customers' Premis		1		
29	Inactive Transformers on System		,	0	0.0
30	In Customers' Use			674	22,170.0
31	In Company's Use			5	147.5
32	Number at End of Year		3,212	790	29,442.5

Annual report of Rowley Municipal Light Department

Year ended December 31, 2021

	Report below the information called for co	CABLE AND SUBMARINE CAR	cable, and submarine	cable at end of year		2
	report below the information edited to		UnderG	round Cable	Submarine	
Line No.	Designation of Underground Distribution System (a)	Miles of Conduit Bank (All sizes & types) (b)	Miles*	Operating Voltage (d)	Feet (e)	Operating Voltag
1 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 29 30 31 32 33 34 34 34 36 36 37 37 38 37 38 37 38 37 38 37 38 37 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	DISTRIBUTION DISTRIBUTION 545 Newburyport Turnpike (U-115) Wilkes Road (U-104) Wild Pasture Lane (U-117) Oakledge Circle (U-118) Arrowhead Circle (U-119) Dexter Lane (U-120) Gurczak Lane (U-109) Arbor Way (U-80) Ice Pond Drive (U-83) P32-1 Wethersfield to S-1 Saunders Lane Pole 7-1 to T-2 Dodge Road Pole 7-1 to T-2 Dodge Road Pole 7-1 -E to P.M. Twin Hills Farm Rd. Pole 89 to P.M. Haverhill St Pole 10-1-E to T-2 Harts Way Nags Head Taylor Lane Bob Merry Way 12 Main Street	(2) 2.00 (2) .156 (2) 1.06 (2) .42 (2) .42 (2) .50 (2) .54 (1) .07 (2) .30 (2) .20 (2) .20 (2) .16 (2) .08 (2) .324 (2) .59 (2) 1.84 (2) .014 (2) .022	(2) 2.10 (2) 5.98 (2) 0.45 (2) 1.00 (2) 0.284 (2) 0.53 (2) 0.21 (2) 0.25 (2) 0.27 (2) 0.07 (2) 0.15 (2) 0.996 (2) 0.103 (2) 0.080 (2) 0.043 (1) 0.162 (1) 0.29 (2) 0.92 (2) 0.007 (1) 0.011	4.16kv 13.20KV 13.20KV 13.20KV 13.20KV 13.20KV 13.20KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV 7.620KV		
	*Indicate number of conductors per cable	OTALS 8.896	14.116			

Year ended December 31, 2021

STORET LANDS CONNECTED TO SYSTEM													
STREET LAMPS CONNECTED TO SYSTEM													
	City or	Total	LEC	1	Type Mercury Vapor Metel Halide				Sodium				
	Town	Total	Municipal	Other	Municipal	Other	Municipal	Other	Municipal	Other			
Line No	(a)	(h)	(c)	(d)	(e)	(f)	(a)	(h)	(i)	m			
No. 1 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 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	(a) ROWLEY	(b) 940	(c) 571	(d) 239	(e) 0	(f) 29	0	(h) 2	(i) 41	58			
51		0/0	P ***	000		000		-	42	50			
52	TOTALS	940	571	239	0	29	0	2	41	58			

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 predicated on the previous year's operations.

Date	M.D.P.U.	Rate Schedule	Estimated Effect on Annual Revenues		
Effective	Number	Schedule	Increases	Decrease	
		COPIES OF RATES ATTACHED			
			à		
	8				
			2		

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

Natary Public or Justice of the Prace