

The Commonwealth of Massachusetts

RETURN

OF THE

MANSFIELD MUNICIPAL ELECTRIC DEPARTMENT

TOWN OF MANSFIELD

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

For the Calander Year Ended December 31,

2021

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

Joseph Sollecito

Official Title: General Manager Office Address:

125 High Street Mansfield, MA 02048

Form Ac19

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THESE INTERNITORNIED FORMITTED, 23 IV	J J J		

		GENERAL	INFORMATIO	ON	Page 3
1.	Name of town (or city) makir	ng this report.			Mansfield
2.	If the town (or city) has acqu	uired a plant,			
	Kind of plant, whether gas	Electric			
	Owner from whom purchas	ed, if so acqui	ired.		
	Date of votes to acquire a pl June 25, 1903	ant in accorda	ince with the p	provisions of chapter 164 of the Gene	ral Laws.
	Record of votes: First Vote	- 4 Yes,; 1 No	0		
	Date when town (or city) beg	gan to sell elec	ctricity, 1903		
3.	Name and address of mana	ger of municip	oal lighting:		
	Joseph Sollecito	317 Crane A	ve South	Taunton, MA 02780	
4.	Name and address of mayo	r or selectmer	า		
	Steve Schoonveld	21 Newton S	Street	Mansfield, MA 02048	
	Jess Aptowitz	30 Fieldston	e Drive	Mansfield, MA 02048	
	Neil Rhein	Mansfield, MA 02048			
	Michael A. Trowbridge	4 Suzanne l	₋ane	Mansfield, MA 02048	
	Frank Delvecchio	38 Old North	Trail	Mansfield, MA 02048	
5.	Name and address of town	(or city) treasu	urer:		
	John Ellard 7 Magno	lia Dr R	ockland, MA (02370	
6.	Name and address of town	(or city) clerk:			
	Marianne Staples 14	17 South Main	St Unit 204	Mansfield, MA 02048	
7.	Names and addresses of m	embers of mu	nicipal light bo	oard:	
	Same as Selectmen				
8.	Total valuation of estates in (taxable)	town (or city)	according to l	last state valuation	\$4,412,620,300
9.	Tax rate for all purposes du	ring the year:		, Industial and Personal Property	\$15.17 \$18.88
10.	. Amount of manager's salar	y:		Joseph Sollecito - General Manager	\$187,968
11.	. Amount of manager's bond:				\$0
12.	. Amount of salary paid to me	embers of mur	nicipal light bo	ard (each)	\$0

Annual Report of the Town of Mansfield Year Ended December 31, 2021 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..... 2 24,670,093 FROM SALE OF ELECTRICITY 3 FROM RATE STABILIZATION FUND..... 4 24,670,093 TOTAL 5 Expenses: 6 For operation, maintenance and repairs..... 21,878,445 7 For interest on bonds, notes or scrip..... 8 1,322,123 For depreciation fund 9 For sinking fund requirements..... 10 For note payments..... 11 For bond payments..... 12 For loss in preceding year..... **TOTAL** 13 23,200,568 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..... 922.637 19 Of electricity to be used for street lights..... 91,957 20 Total of the above items to be included in the tax levy..... 1,014,594 21 22 New construction to be included in the tax levy..... 23 Total amounts to be included in the tax levy..... 1,014,594 **CUSTOMERS** Names of cities of towns in which the plant supplies Names of cities of towns in which the plant supplies GAS, with the number of customers' meters in each ELECTRICITY, with the number of customers' meters in each Number of Customers' Number of Customers' City or Town Meters, December 31. City or Town Meters, December 31. NONE Mansfield 10,542 **TOTAL** 10,542

						5
Annual Rep	ort of the Town of Mansfield	TIONS SI	NCE BEGINNING OF	Year Ended Dece	mber 31, 20	21
(Inc	APPROPRIA clude also all items charged dire				r required)	
	ON OR PURCHASE OF PLANT		ovy, ovon whore ne app	ropriation to made o	r roquirou.	
* At	meeting	19	, to be paid from {		\$	
* At	meeting	19	, to be paid from {		\$	
	ED COST OF THE GAS OR EL					04.057
•	gs				\$	91,957 922,637
2. Municipal Bullulii	ys					922,037
					\$	1,014,594
					· 	,
*Date of meeting and	whether regular or special	{	Here insert bonds, note	es or tax levy		
	СН	ANGES IN	N THE PROPERTY			
Describe briefly all	the important physical changes	s in the pro	pperty during the last fis	cal period including a	additions al	terations
	o the works or physical propert		porty during the last his	odi poriod irioldding t	additions, ai	CIGIOTIO
·						
In electric property	r:	١	NONE			
In gas property:						

6 Year Ended December 31, 2021

Annual Report of the Town of Mansfield

BONDS

(Issued on Account of Gas or Electric Lighting)							
When Authorized*	Date of issue	Amount of		Payments		Interest	Amount Outstanding
		Original Issue	Amounts	When Payable	Rate	When Payable	
	None						
	Total	\$0.00	\$0.00				0
	i otal	ψ0.00	Ψ0.00				

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. *Date of meeting and whether regular or special

	Annual	Report of the Town of	Mansfield		Year Ende	ed December 31, 2021		7
			TOWN N					
		Amount of	Period of Paym			nterest	Amount of Outstand	ding
When Authorized	Date of Issue	Original Issue	Amounts	When Payable	Rate	When Payable	at End of Year	
	1							
	TOTAL	\$0.00					\$0.00	
The bonds and notes our	tstanding at the end of t	the year should agree with t	he balance sheet. When bon	ds and notes are renaid reno	rt the first thre	ee columns only		

Annual Report of the Town of Mansfield

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to prescribed accounts.

2. Do not include as adjustments, corrections of additions and retirements for the current or the pro-

ceding year. Such items should be included in column (c) or (d) as appropriate.

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

	additions and retirements for the current or the pre- be enclosed in parentheses to indicate the negative						
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
8 9 10 11 12	2. PRODUCTION PLANT A. Steam Production 310 Land and Land Rights						\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
15	Total Steam Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18 19 20 21	B. Nuclear Production Plant 320 Land and Land Rights						\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
23	Total Nuclear Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

	Annual Rep	ort of the Town of Mansfi	field	У	Year Ended December 3	31, 2021	8.
	· ·		TAL COST OF PLANT				
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
2 3 3 3 4 3	C. Hydraulic Production Plant 330 Land and Land Rights 331 Structures and Improvements 332 Reservoirs, Dams and Waterways 333 Water wheels, Turbines and						\$0.00 \$0.00 \$0.00
6 3	Generators			ı			\$0.00 \$0.00
8 3	Equipment						\$0.0 \$0.0
	Total Hydraulic Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
- 1	D. Other Production Plant 340 Land and Land Rights			1	1		\$0.0
	341 Structures and Inprovements 342 Fuel Holders, Producers and						\$0.0
4.4	Accessories	I = I			1	1	\$0.0
	343 Prime Movers344 Generators	1			ı		\$0.0 \$0.0
	345 Accessory Electric Equipment	1			1		\$0.0 \$0.0
	346 Miscellaneous Power Plant Equipment			1			\$0.0
18		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
19	Total Production Plant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
20	3. Transmission Plant						
	350 Land and Land Rights	1		.]	ı .		\$0.
	351 Clearing Land and Rights of Way	1			1		\$0.
	352 Structures and Improvements	1	1		1		\$0.
	353 Station Equipment	1			ı .		\$0
	354 Towers and Fixtures	1			ı .		\$0
	355 Poles and Fixtures	1			1		\$0
	356 Overhead Conductors and Devices	1			1		\$0
	357 Underground Conduits	1					\$0 \$0
	358 Underground Conductors and Devices 359 Roads and Trails	1			ı		\$0 \$0
30	359 Rodus and Trails	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0 \$0

	Annual Repo	rt of the Town of Mansf	îeld	Y	ear Ended December	31, 2021	8
		TOTAL	COST OF PLANT -	ELECTRIC (Continue	ed)		
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	313,205					313,20
3	361 Structures and Improvements	679,374	0				679,37
4	362 Station Equipment	16,992,935	8,573				17,001,50
5	363 Unallocated Capital Labor	3,321,391	133,334				3,454,72
6	364 Poles, Towers and Fixtures	1,830,574	118,576	5,120			1,944,03
7	365 Overhead Conductors and Devices	8,544,128	399,684				8,943,81
8	366 Underground Conduits	6,166,561	44,463				6,211,02
9	367 Underground Conductors & Devices	9,593,179	364,811				9,957,99
	368 Line Transformers	3,518,363	15,543	28,370			3,505,53
	369 Services	1,164,479	8,609				1,173,08
12	370 Meters	1,824,537	213,288	156,819			1,881,00
	371 Installation on Cust's Premises	0	0				
	372 Leased Prop. on Cust's Premises	226,868	10,561	5,522			231,90
15	373 Street Light and Signal Systems	1,415,018	271,402	24,554			1,661,86
16	Total Distribution Plant	55,590,613	1,588,843	220,385	0	0	56,959,07
17	5. GENERAL PLANT						
18	389 Land and Land rights	0	0				
19	390 Structures and Improvements	2,000,336	254,960				2,255,29
	391 Office Furniture and Equipment	487,027	0				487,02
21	392 Transportation Equipment	2,755,166	343,803	286,343			2,812,62
22	393 Stores Equipment	53,001	547				53,54
23	394 Tools, Shop and Garage Equipment	145,081	6,040	0			151,12

0

0

1,440

10,443

1,616

618,849

2,207,692

9,772

3,020

40,618

145,018

484,771

705,156

TOTAL COST OF PLANT.....

Less Cost of Land, Land Rights, and Rights of Way

Total Cost upon which depreciation is based

0

30,997

107,980

53,911

3,099,634

9,052,140

313,205

65,698,006

66,011,211

0

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.

40,769

3,020

147,158

197,313

3,089,191

8,918,062

64,508,675

24 395 Laboratory Equipment

25 396 Power Operated Equipment

26 397 Communication Equipment

Total General Plant

Total Electric Plant in Service

27 398 Miscellaneous Equipment

28 399 Other Tangible Property

29

30

31 32 33

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

		Balance		
			Dalamas Food	
1 !	Title of Account	Beginning of	Balance End	Increase
Line No.	Title of Account (a)	Year (b)	Year	or (Decrease)
	APPROPRIATIONS	(b)		
1 2	201 Appropriations for Construction			
3	SURPLUS			
-	205 Sinking Fund Reserves			
	206 Loans Repayment			
	207 Appropriations for Construction Repayment	0	0	0
	208 Unappropriated Earned Surplus (P. 12)	49,263,014	49,569,899	306,885
8	Total Surplus	49,263,014	49,569,899	306,885
9	LONG TERM DEBT	40,200,014	40,000,000	000,000
_	221 Bonds (P. 6)			
	231 Notes Payable (P 7)			
12	Total Bonds and Notes			
13	CURRENT AND ACCRUED LIABILITIES			
-	232 Accounts Payable	2,357,944	2,182,953	(174,991)
	234 Payables to Municipality	2,007,044	2,102,000	(174,551)
	235 Customer Deposits	1,292,627	1,353,137	60,511
	236 Taxes Accrued	169,228	167,501	(1,727)
	237 Interest Accrued	100,220	107,001	(1,727)
_	242 Miscellaneous Current and Accrued Liabilities	47,871	49,349	1,478
20	Total Current and Accrued Liabilities	3,867,670	3,752,940	(114,730)
21	DEFERRED CREDITS	0,001,010	0,. 0=,0 .0	(,,
	251 Unamortized Premium on Debt			
	252 Customer Advance for Construction			
-	253 Other Deferred Credits			
25	Total Deferred Credits			
26	RESERVES			
-	260 Reserves for Uncollectable Accounts	405,470	422,558	17,087
	261 Property Insurance Reserve	.55,176	,000	0
	262 Injuries and Damages Reserves			0
	263 Pensions and Benefits			0
	265 Miscellaneous Operating Reserves			0
32	Total Reserves	405.470	422,558	17,087
33	CONTRIBUTIONS IN AID OF	,	,	,
	CONSTRUCTION			
34	271 Contributions in Aid of Construction			
35	Total Liabilities and Other Credits	53,536,154	53,745,397	209,243
		,,	, -,	,

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.

Annua	al Report of the Town of Mansfield '0		12
	STATEMENT OF INCOME F	OR 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)	24,432,458	(679,259)
3	Operating Expenses:		
	401 Operation Expense (P.42)	20,216,422	1,610,475
5	402 Maintenance Expense (P. 42)	1,662,023	290,731
	403 Depreciation Expense	1,322,123	164,566
	407 Amortization of Property Losses		
8	(D. 40)		
9	408 Taxes (P. 48)		
10	Total Operating Expenses	23,200,568	2,065,772
11	Operating Income	1,231,890	(2,745,030)
	414 Other Utility Operating Income (P.50)		
13		1 22 1 222	(0.747.000)
14	Total Operating Income	1,231,890	(2,745,030)
15	OTHER INCOME	7 704	(00.574)
	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	7,764	(39,574)
	419 Interest Income	7,245	(61,166)
18 19	421 Miscellaneous Income	120,476 135,485	(76,814)
20		•	(177,555)
	Total Income	1,367,375	(2,922,585)
21	MISCELLANEOUS INCOME DEDUCTIONS 425 Miscellaneous Amortization		
23	426 Other Income Deductions	228,516	(1,434,226)
24	Total Income Deductions	228,516	(1,434,226)
25	Income before Interest Charges	1,138,858	(1,488,361)
26	INTEREST CHARGES	1,130,030	(1,400,301)
_	427 Interest on Bonds and Notes		
	428 Amortization of Debt Discount and Expense		
	429 Amortization of Premium on Debt		
	431 Other Interest Expense	14,269	(22,964)
	432 Interest Charged to Construction-Credit	,=55	(==,00.)
32	Total Interest Charges	14,269	(22,964)
33	Net Income	1,124,590	(1,465,396)
		, ,	() , , ,
	EARNED SURPLUS		
Line		Debits	Credits
No.	(a)	(b)	(c)
34	Unappropriated Earned Surplus (at beginning of Period)		49,263,014
35			
36			
37	433 Balance transferred from Income		1,124,590
38	434 Miscellaneous Credits to Surplus		0
	435 Miscellaneous Debits to Surplus	14,321	
	436 Appropriations of Surplus (P.21)	762,995	
	437 Surplus Applied to Depreciation	40,389	
42	208 Unappropriated Earned Surplus (at end of period)	49,569,899	
43	<u> </u>		
44	TOTALS	50,387,604	50,387,604
77			

			14
Annu	al Report of Mansfield Municipal Electric Department	Year Ended Dece	mber 31 2021
	CASH BALANCES AT END OF YE	AR (Account 131)	
Line	Items		Amount
No.	(a)		(b)
1	Operation Fund		14,718,958
2	Interest Fund		
3	Bond Fund		
4	Construction Fund		
5	Petty Cash Fund		409
6	Other Post Employment Benefits Fund		
7			
8			
9			
10			
11			
12		TOTAL	14,719,367
	MATERIALS AND SUPPLIES (Account 151-159, 163)	-	, .,
	Summary per Balance Sheet		
		Amount End of Year	
Line	Account	Electric	Gas
No.	(a)	(b)	(c)
13	Fuel (Account 151) (See Schedule, Page 25)	(6)	(6)
-			
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)	207.705	
16	Plant Materials and Operating Supplies (Account 154)	697,795	
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)	0	
23	Total per Balance Sheet	697,795	
Lina	Depreciation Fund Account (Account 126)		A
Line	(2)		Amount
No.	(a)		(b)
24	DEBITS		
25	Balance of Account at Beginning of Year		3,210,343
26	Income During Year from Balance on Deposit		812
27	Amount Transferred from Income		1,322,123
28		TOTAL	4,533,278
29		TOTAL	4,000,210
	CREDITS		
30	CREDITS Amount expended for Construction Purposes (See F7C164 of C.L.)		4 070 200
31	Amount expended for Construction Purposes (Sec. 57C164 of G.L.)		1,970,300
32	Amounts Expended for Renewals		(4.040.000)
33	Adjustment		(1,019,683)
34			
35			
36			
37			
38			
39	Balance on Hand at End of Year		3,582,661
40		TOTAL	3,582,661

Annu	al Report of Mansfield Municipal Electric Department		Year Ended De	ecember 31 2021			15
		UTIL	ITY PLANT ELEC	TRIC			
	according to prescribed accounts 2. Do not include as adjustments, corrections of	ceding year. Such ite (c). 3. Credit adjustments enclosed in parenthe	s of plant accounts sh	nould be	effect of such amour 4. Reclassifications of accounts should be	or transfers within utili	ty plant
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 2 3	1. INTANGIBLE PLANT						
4 5 6 7 8 9 10	2. PRODUCTION PLANT A. Steam Production 310 Land and Land Rights 311 Structures and Improvements 312 Boiler Plant Equipment 313 Engines and Engine Driven Generators 314 Turbogenerator Units 315 Accessory Electric Equipment 316 Miscellaneous Power Plant Equipment						\$0.00
18 19 20 21 22	Total Steam Production Plant B. Nuclear Production Plant 320 Land and Land Rights 321 Structures and Improvements 322 Reactor Plant Equipment 323 Turbogenerator Units 324 Accessory Electric Equipment 325 Miscellaneous Power Plant Equipment						\$0.00
23	I otal Nuclear Production Plant						\$0.00

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							
2	330 Land and Land Rights						
3	•						
4	332 Reservoirs, Dams and Waterways						
5	333 Water Wheels, Turbines and Generators						
6							
7	335 Miscellaneous Power Plant						
,	Equipment						
8	336 Roads, Railroads and Bridges						
9	Total Hydraulic Production Plant						\$0.00
10							φ0.00
11							
12	<u> </u>						
13	·						
10	Accessories						
14							
15							
16							
17	346 Miscellaneous Power Plant						
	Equipment						
18	Total Other Production Plant						\$0.00
19	Total Production Plant						\$0.00
20	3. TRANSMISSION PLANT						·
21							
22	ŭ						
23							
24	353 Station Equipment						
25	·						
26	355 Poles and Fixtures						
27	356 Overhead Conductors and Device						
28	357 Underground Conduits						
29	358 Underground Conductors and						
	Devices						
30	359 Roads and Trails						
31	Total Transmission Plant						\$0.00

UTILITY PLANT - ELECTRIC (continued)

Line		Balance Beginning of Year	Additions	Depreciation	Other Credits	Adjustments Transfers	Balance End of Year
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	4. DISTRIBUTION PLANT						
	360 Land and Land Rights	313,205	0	0			313,205
	361 Structures and Improvements	55,513	0	3,602			51,911
	362 Station Equipment	6,012,224	8,573	295,139			5,725,658
	363 Unallocated Capital Labor	2,160,493	133,334	220,926			2,072,904
6	364 Poles and Fixtures	442,222	118,576	15,672	0		545,126
7	365 Overhead Conductors and Devices	3,551,097	399,684	248,010			3,702,771
8	366 Underground Conduits	2,520,642	44,463	110,557			2,454,548
9	367 Underground Conductors and Devices	2,921,978	364,811	140,222			3,146,566
_	368 Line Transformers	364,003	15,543	9,615	0		369,932
	369 Services	61,342	8,609	3,544			66,406
	370 Meters	970,416	213,288	31,857			1,151,847
13	371 Installation on Cust's Premises	0	0	0			0
	372 Leased Prop. on Cust's Premises	16,350	10,561	503			26,407
15	373 Street Light and Signal Systems	622,008	271,402	24,018	0		869,392
16	Total Distribution Plant	20,011,492	1,588,843	1,103,666	0	0	20,496,672
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0		0			0
	390 Structures and Improvements	687,223	254,960	58,974			883,209
20	391 Office Furniture and Equipment	31,965	0	926			31,039
21	392 Transportation Equipment	1,409,680	343,803	55,156			1,698,325
22	393 Stores Equipment	27,410	547	1,975			25,982
23	394 Tools, Shop and Garage Equipment	115,817	6,040	4,357	0		117,500
24	395 Laboratory Equipment	23,910	0	930			22,980
25	396 Power Operated Equipment	0	0	0			0
26	397 Communication Equipment	106,726	1,440	1,799	0		106,367
27	398 Miscellaneous Equipment	2,730,563	10,443	92,664			2,648,342
28	399 Other Tangible Property	42,554	1,616	1,676			42,495
29	Total General Plant	5,175,848	618,849	218,457	0	0	5,576,239
30	Total Electric Plant in Service	25,187,340	2,207,692	1,322,123	0	0	26,072,911
31	104 Utility Plant leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	0		0		0	0
	108 Accumulated Depreciation						
34	Total Utility Electric Plant	25,187,340	2,207,692	1,322,123	0	0	26,072,911

Annu	ial Report of Mansfield Municipal Electric Department	Year Ended De	21 ecember 31 2021
	MISCELLANEOUS NON-OPERATING	INCOME (Account 421)	
Line			Amount
No.	(a) Misc. Non-operating Revenue		(b) 120,476
2	, ,		, ,
3 4			
5 6		TOTAL	120,476
ŭ	OTHER INCOME DEDUCTIONS (Account		,
Line			Amount
No.	Donations (a)		(b) 228,516
8			,
9 10			
11 12			
13			
14		TOTAL	228,516
Line	MISCELLANEOUS CREDITS TO SURPLUS (Acc	count 434)	Amount
No.	(a)		(b)
15 16	Credit from MMWEC		0
17			
18 19			
20			
21 22			
23		TOTAL	0
Line	MISCELLANEOUS DEBITS TO SURPLUS (Acc	ount 435)	Amount
No.	(a)		(b)
24 25	Retirement of Plant Equipment		14,320
26			
27 28			
29			
30 31			
32		TOTAL	14,320
Line	APPROPRIATIONS OF SURPLUS Item	(Account 436)	Amount
No.	(a)		(b)
33 34	Town of Mansfield - Payment in Lieu of Taxes		762,995
35			
36 37			
38 39			
40		TOTAL	762,995

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.

		Operating R	evenues	Kilowatt	-hours Sold		Number of
						Custome	rs 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	SALES OF ELECTRICITY	(2)	(0)	(4)	(0)	(•)	(9)
	440 Residential Sales	9,647,649	(398,047)	82,440,852	(612,331)	9,285	241
4	Small (or Commercial) see instr. 5	1,478,664	442,253	10,280,030	39,123	778	5
5	Large (or Industrial) see instr. 5	13,543,780	(15,628)	114,530,122	10,844,989	258	15
6	444 Municipal Sales (P.22)	1,014,594	65,712	9,886,916	1,294,353	109	(1)
	445 Other Sales to Public Authorities						
	446 Sales to Railroads and Railways						
	448 Interdepartmental Sales						
	449 Miscellaneous Electric Sales						
11	Total Sales to Ultimate Consumers	25,684,687	94,289	217,137,920	11,566,134	10,430	260
	447 Sales for Resale						
13	•	25,684,687	94,289	217,137,920	11,566,134	10,430	260
14	OTHER OPERATING REVENUES	(4 504 007)					
	450 Forfeited Discounts	(1,561,267)	707 700				
	451 Generation Charge Overcollection 453 Sales of Water and Water Power	309,038	787,720	*	from application of fire	alausas	
				includes revenues	from application of fuel	ciauses	
	454 Rent from Electric Property455 Interdepartmental Rents			Total KWH to which	annlied		217,137,920
	456 Other Electric Revenues			Total RVVII to Willon	аррпец		217,137,920
21	456 Other Electric Revenues						
22							
	Miscellaneous Adjustments to Sales						
24							
25	Total Other Operating Revenues						
26		24,432,458	882,009				

Year Ended December 31, 2021

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

		tract. Municipal sales and unbilled s			Average Revenue per K.W.H.		Customers Rendered)
Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	(cents) *(0.0000) (d)	July 31 (e)	December 31 (f)
1	440	Residential	82,440,852	9,647,649	0.1170	9,346	9,385
2							
3							
4 5	442	Commercial	10,280,030	1,478,664	0.1438	783	782
6	772	Industrial	114,530,122	13,543,780	0.1183	265	263
7			,,	, ,			
8							
9							
10	444	Municipal	9,886,916	1,014,594	0.1026	110	112
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	TOTAL SALES TO L	JTIMATE CONSUMERS					
	(Page 37 Line 11)	JAMES OF THE STATE	217,137,920	25,684,687	0.1183	10,504	10,542

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.

	2. If the increases and decreases are not divided from previously r	eported figures explain in footnot	e.
			Increase or
			(Decrease) from
Line	Account	Amount for Year	Preceding Year
No.	(a)	(b)	(c)
1	POWER PRODUCTION EXPENSE		
2	STEAM POWER GENERATION		
3	Operation:		
4	500 Operation supervision and engineering		
	501 Fuel		
6	502 Steam expense		
7	503 Steam from other sources		
	504 Steam transferred Cr		
9	505 Electric expenses.		
10	•		
11	506 Miscellaneous steam power expenses		
12	Total Operation		
13	Maintenance:		
	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:		
	•		
	517 Operation supervision and engineering		
	518 Fuel		
	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		
	529 Maintenance of structures		
	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:		
	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	0	0
	(continued on page 40)		
	1 0 -7		

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		
4	933 Transportation expense	142,414	82,644
5	Total Maintenance	142,414	82,644
6	Total Administrative and General Expenses	1,164,263	270,535
7	Total Electric Operation and Maintenance Expenses	21,878,445	1,901,206

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line	Functional Classification	OPERATION	MAINTENANCE	TOTAL
No.	(a)	(b)	(c)	(d)
8	Power Production Expenses			
9	Electric Generation			
10	Steam Power			
11	Nuclear Power			
12	Hydraulic Power			
13	Other Power			
14	Other Power Supply Expenses	12,614,115		12,614,115
15	Total Power Production Expenses	12,614,115		12,614,115
16	Transmission Expenses	4,548,208		4,548,208
17	Distribution Expenses	944,092	1,519,609	2,463,701
18	Customer Accounts Expenses	1,088,157		1,088,157
19	Sales Expenses			
20	Administrative and General Expenses	1,021,849	142,414	1,164,263
21	Power Production Expenses			
22	Total Electric Operation and Maintenance Expenses	20,216,422	1,662,023	21,878,445

- 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)......
- 25 Total number of employees of electric department at end of year including administrative, operating, maintenance and other employees (including part time employees)

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Annual Report of the Town of Mansfield

Year Ended December 31, 2021

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts 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.

TAXES CHARGED DURING YEAR

- 3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can 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.
- 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.

		Total Taxes Charged	Distribution of Taxes Charged (omit cents) (Show utility department where applicable and account charged)							
		During Year	Electric	Electric Gas						
Line	Kind of Tax	(omit cents)	(Acct. 408, 409)							
No.		(b)			(0)	(f)	(g)	(b)	(I)	(j)
NO.	(a)	(D)	(c)	(d)	(e)	(1)	(9)	(h)	(1)	U)
1	NONE									
2 3	NONE									
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										

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	NONE				
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 51	TOTA	ALS \$0.00	\$0.00	\$0.00	\$0.00

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.

repon	by utility departments the revenues, costs, expenses, and	net income from merchandis	sing, jobbing, and contract w		
Line	Item	Electric Department	Gas Department	Other Utility Department	Total
No.	(a)	(c)	(d)	(d)	(e)
1	Revenues:				
2	Merchandising sales, less discounts,				
3	allowances and returns				,
4	Contract Work	7,764			7,764
5	Commissions				
6	Other (List according to major classes)				
7					
8 9					
10	Total Revenues	7,764	\$0.00	\$0.00	7,764
	Total Neverlues	1,104	φ0.00	φυ.υυ	1,104
11 12					
	Costs and Evnances				
13 14	Costs and Expenses:				
	Cost of Sales (List according to Major classes of cost)				
16	Jobbing/Contract Costs				
17	Labor				
18	Materials				
19	iviaterials				
20					
21					
22					
23					
24					
25					
	Sales expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29	3				
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	\$0.00	\$0.00	0
51	Net Profit (or Loss)	7,764	\$0.00	\$0.00	7,764

SALES FOR RESALE (Acccount 447)

- 1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.
- 2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) other public authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power. DP:other G.
- and place an "x" in column (c) if sale involves export across a state line.
- 3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as other power, column (b).
- 4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

	or surplus power, DP;othe	er G,	1					
						Kw (or Kva of Den Specify whicl	nand h)
Line No.	Sales to	Statistical Classification	Export Across State Lines	Point of Delivery	Subs	Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 166 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35								

SALES FOR RESALE (Account 447) - Continued

- 5 If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f).. The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
- 6. The number of Kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.
- 7. Explain any amounts entered in column (n) such as fuel or other adjustments.
- If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sale may be grouped.

integrated).		_			ly be grouped.			
				Revenue (Omit Cents)				
Type of Demand Reading (i)	Voltage at which Delivered (j)	Kilowatt- hours (k)	Demand Charges (I)	Energy Charges (m)	Other Charges (n)	Total (o)	Revenue per Kwh (cents) [0.0000] (p)	Line No.
ν-7	U)	()	(-7	()	(/	(-)	(1-7	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16 17
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								29
								30
								31
								32 33
1								34
					-			

PURCHASED POWER (Account 555)

- Report power purchased for resale during the year.

 Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.
- 2. Provide subheadings and classify 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

Authorities. For each purchase designate statisical classfication in column (b), thus: firm power, FP; dump or surplus power DP; other, O, and place an "X" in column (c) if purchase involves import across a state line. 3. Report separately firm, dump, amd othe power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

						Kw or Kva Demand (Specify Which)		
Line No.	Purchased From	Statistical Classification	Import Across State Lines	Point of Receipt	Substation	Contract Demand	Average Monthly Maximum Demand	Annual Maximum Demand
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
2 3 4 5 6 7 8 9 10 11 12 13 14	New York Power Authority Stonybrook Peaking Stonybrook Intermediate Nuclear Mix 1 (Seabrook) Nuclear Mix 1 (Millstone) Nuclear Project 3 (Millstone) Nuclear Project 4 (Seabrook) Nuclear Project 5 (Seabrook) Nuclear Project 6 (Seabrook) Hydro Quebec ISO OATT System Power	FP 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X X X X X X X	GILBERT ST.		1,354 12,274 17,476 110 1,132 673 2,852 258 5,861	(9)	(II)
34 35								

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. It 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 turnished whether or not used in the determination of demand charges. Show in column (I) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
- 6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
- 7. Explain any amount entered in column (n) such as fuel or other adjustments.

	ilowatt- hours (k) 9,109,923	Capacity Charges (I)	Energy Charges	Omit Cents) Other Charges	Total		ents per KWH	
Type of at which Demand Reading Delivered	hours (k)	Charges			Total		KWH	
		(I)					cents)).0000]	Line
	9,109,923		(m)	(n)	(o)	-	(p)	No.
60 MINUTES 115 kv 9		65,079	45,134	181,333	291,546	\$	0.0320	1
60 MINUTES 115 kv	137,473	248,440	20,534	19,237	288,211	\$	2.0965	2
60 MINUTES 115 kv 2	2,691,740	680,036	108,489	29,349	817,874	\$	0.3038	3
60 MINUTES 115 kv	996,565	21,951	4,622	68	26,642	\$	0.0267	4
60 MINUTES 115 kv 10	0,253,546	333,968	67,615	11,233	412,816	\$	0.0403	5
60 MINUTES 115 kv	6,025,459	196,089	39,734	6,601	242,423	\$	0.0402	6
60 MINUTES 115 kv 24	4,443,474	540,754	113,374	1,665	655,793	\$	0.0268	7
60 MINUTES 115 kv 2	2,210,114	49,873	10,251	151	60,275	\$	0.0273	8
60 MINUTES 115 kv 50	0,232,678	1,129,652	232,989	3,422	1,366,063	\$	0.0272	9
115 kv				59,768	59,768		#DIV/0!	10
115 kv				4,252,236	4,252,236		#DIV/0!	11
115 kv 13	3,114,000	930,000	559,204		1,489,204	\$	0.1136	12
60 MINUTES 115 kv	7,458,725		380,093	1,633	381,726	\$	0.0512	13
		(97,691)		(137,680)	(235,371)			14
								15
								16
								17
								18
								19
								20
								21
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]								29
]								30 31
								31
								33
<u> </u>								34
TOTALS 120	6,673,697	4,098,152	1,582,039	4,429,015	10,109,206			35

- 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 Nonutilies, (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

INTERCHANGE POWER (Included in Account 555)

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

						Kilowatt-hours		
Line No.	Name of Company	Interchange Across State Lines	Point of Interchange	Voltage at Which Interchanged	Received	Delivered	Net Difference	Amount of Settlement
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1 2 3 4 5 6 7 8 9 10	NEPEX				221,383,690	157,877,080	63,506,610	5,378,694
11								
12				TOTALS	221,383,690	157,877,080	63,506,610	5,378,694

B. Details of Settlement for Interchange Power

Line	Name of Company		Explanation			
No.	(i)	(i)				
13	NEPEX	INTERCHANGE EXPENSE			5,006,795	
14		NEPOOL EXPENSE			371,898	
15						
16						
17						
18						
19						
20						
21				TOTALS	5,378,694	

Annua	al Report of the T	Town of Mansfiel	d		Year Ended De	cember 31, 2021	57
				ELECTRIC EI	NERGY ACCOUNT	.,	
Report I	below the informatic	on called for concern	ning the disposition of	of electric generated	d, purchased, and interchange	ed during the year.	
Line				Item			Kilowatt-hours
No .			SOI	(a) URCES OF ENE	RGY		(b)
2	Generation (exc	cluding station us		SKOLO OF LIVE			
3			Gas Turbine Co	mbined Cycle			
4							
5 6	,						
7							0
8	Purchases						157,759,417
9	l		{	In (gross)		221,383,690	
10 11	Interchanges	-		Out (gross)		157,877,080	63,506,610
12							03,300,010
13	Transmission fc	or/by others (Who		Delivered			
14	i	,	{	Net (kwh)			221,266,027
15	TOTAL						
16 17	Salaa ta ultima		SPOSITION OF)		247 427 020
18							217,137,920
19							
20	٠,		•	,			
21	•	artment only					
22 23	Energy losses:	nd conversion le					
24							
25	Unaccounted fo	or losses				, ,	
26							4,128,107
27 28	Energy losses a	as percent of tot	al on line 15		1.87%	TOTAL	221,266,027
20				MONTHI V DE	AKS AND OUTPUT	TOTAL	221,200,021
1 Don	ort hereunder the inf	formation called for	nortaining to simults			k reading (instantaneous 15, 30	or 60
	established monthly				minute integrated.)	k reading (instantaneous 15, 50	, 01 00
for the c	combined sources of	f electric energy of r	respondent.	,	4. Monthly output should be	the sum of respondent's net ge	
	thly peak col. (b) sho					s net interchange and plus or mi or the year should agree with lin	
						or more power systems and phy	
				n in a footnote with		called for below should be turnish	ned for each
a breit e	explanation as to the	anature of the emer	gency.		system.		
				Town	n of Mansfield		
				Mon	thly Peak		
							Monthly Output
	1			Day of			(kwh)
Line	Month	Kilowatts	Day of Week	Month	Hour	Type of Reading	See Instr. 4)
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29 30	January February	35,079 33,241	Friday Friday	29 12	12:00 10:00	60 min. 60 min.	19,074,652 17,517,462
	March	32,041	Monday	15	20:00	60 min.	17,517,402
	April	28,210	Wednesday	16	17:00	60 min.	15,485,199
	May	36,814	Thursday	26	17:00	60 min.	16,277,953
34	June	53,614	Wednesday	29	15:00	60 min.	20,568,038
	July	47,793	Saturday	16	15:00	60 min.	20,725,338
	August	50,221	Friday Friday	26 15	16:00 16:00	60 min. 60 min.	22,732,355
31	September	40,421	Filuay	10	10.00	00 111111.	18,331,316

12

29

20

18:00

20:00

20:00

60 min.

60 min.

60 min.

TOTAL

17,087,318 16,866,821 19,076,821 **221,266,027**

29,255 30,653

33,639

38

39

40

. October

November

December

Wednesday

Tuesday

Tuesday

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 501and

Line	Item	Plant	Plant	Plant
No.	(a)	(b)	(c)	(d)
	(4)	(-)	(5)	(4)
1	Kind of plant (steam, hydro, int. com., gas turbine			
2				
_	boiler, full outdoor, etc.)			
3	Year originally constructed			
4	Year last unit was installed			
5	Total installed capacity (maximum generator name			
	plate ratings in kw)			
6	Net peak demand on plant-kilowatts (60 min.)			
	Plant hours connected to load			
8	Net continuous plant capability, kilowatts:			
9	(a) When not limited by condenser water			
10	(b) When limited by condenser water			
11	Average number of employees			
	Net generation, exclusive of station use			
13	Cost of plant (omit cents):			
14	Land and land rights			
15	Structures and improvements			
16	Reservoirs, dams, and waterways			
17	Equipment costs			
18	Roads, railroads, and bridges			
19	Total cost	\$0	\$0	\$0
20	Cost per kw of installed capacity	N/A	N/A	N/A
21	Production expenses:			
22	Operation supervision and engineering			
23	Station labor			
24	Fuel			
25	Supplies and expenses, including water			
26	Maintenance			
27	Rents			
28	Steam from other sources			
29	Steam transferred Credit			
30	Total production expenses	\$0.00	\$0.00	\$0.00
31	Expenses per net Kwh (5 places)	0.0000	N/A	N/A
32	Fuel: Kind			
33	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42			
	gals.) (Gas-M cu. ft.) (Nuclear, indicate)			
34	Quantity (units) of fuel consumed			
	Average heat content of fuel (B.t.u. per lb. of coal,			
	per gal. of oil, or per cu. ft. of gas)			
	Average cost of fuel per unit, del. f.o.b. plant			
	Average cost of fuel per unit consumed			
	Average cost of fuel consumed per million B.t.u.			
	Average cost of fuel consumed per kwh net gen.			
41	· · · · · · · · · · · · · · · · · · ·			
42				

GENERATING STATION STATISTICS (Large Stations) -- Contunued

(Except Nuclear, See Instuction 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 shold 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 tthe 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
(0)	(-7	(3)	(/	(1)	<u> </u>	
						1
NONE						2
						3
						4 5
						6 7
						8
						9 10
						11
						12 13
						14 15
						16
						17 18
						19
				+		20 21
						22
						23 24
						25 26
						27
						28 29
						30
						31 32
						33
						34
						35
						36
						36 37 38
						40 41
				1		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,

				Boilers				
Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M Ibs. Steam per Hour (g)	
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	(a) NONE	(b)	(c)	(d)	(e)	(†)	(g)	
31 32 33 34 35 36 37								

Note Reference:

^{*} Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

expenses ro 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 lesse, 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*

	Steam Name Plate Rating in Kilowatts		e Rating watts					Station			
Year		Pressure at		At Minimum	At Maximum	Hydro Press	ogen ure**	Power	Voltage	Capacity Maximum	
Installed	Туре	Throttle p.s.l.g.	R.P.M.	Hydrogen Pressure	Hydrogen Pressure	Min.	Max.	Factor	K.v.++	Name Plate Rating*+	Line
(h)	(I)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	(r)	No.
				NONE							1
				NONE							2
											3
											4
											5 6
											7
											8
											9
											10 11
											12
											13
											14
											15 16
											17
											18
											19
											20 21
											22
											23
											24
											25 26
											27
											28
											29
											30 31
											32
											33
											34
											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.
- *+ Shoule 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 therof, 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

				Water Wheels					
Line No.	Name of Station (a)	Location (b)	Name of Stream	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									
8									
9 10									
11	*** NONE ***								
12									
13 14									
15									
16 17									
18									
19 20									
21									
22 23									
24									
25									
26 27									
28									
29 30									
31									
32 33									
33									
35									
36 37									

^{*} Horizontal or vertical. Also inidcate 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										
Design Head	R.P.M.	Maximum hp. Capacity of Unit at Design Head	Year Installed	Voltage	Phase	Fre- quency or d.c.	Name Plate Rating of Unit in Kilowatts	Number of Units in Station	Total Installed Generating Capacity in Kil- owatts (name plate ratings)	Line
(h)	(I)	(j)	(k)	(I)	(m)	(n)	(o)	(p)	(q)	No.
										1
										2
										4
										5
										6
										6 7
										8
										9
										10 11
										12
										13
		*** NONE ***								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
						TOTALS				39

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-

		Prime Movers							
Line No.	Location of Station (b)	Diesel or Other Type Engine (c)	Name of Maker	Year Installed (e)	2 or 4 Cycle (f)	Belted or Direct Connected (g)			
1 2 3 4 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 31 32 33 34 35 36 37 38 39									

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

ship by respodent, 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					Generat	ors			T
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (I)	Year Installed (j)	Voltage (k)	Phase (I)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)	Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
(11)	(1)	U)	(^)	(')	(''')	(11)	(0)	(4)	1,10.
NONE									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
					TOTALS				39

- 1. Small generating stations, for the purpose of this schedule, are steam and hydro stations of less than 2,500 KW* and other stations of less than 500 KW* 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. Designate any plant leased from others, operated under a license from the Federal Power Commision,

GENERATING STATION STATISTICS (Small Stations)

- or operated as a joint facility, and give a concise statement of the facts in a footnote.
- 3. List plants appropriately under subheadings for steam, hydro, nuclear internal combustion engine and gas turbine stations. For nuclear, see instructions 10 page 59.
- 4. Specify if total plant capacity is reported in kva instead of kilowatts.

- 5. If peak demand for 60 minutes is not available, give that which is available, specifying period.6. If any plant is equipped with combustions of
- steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, report as one plant.

Line		Year Const.	Installed Capacity Name Plate Rating - KW	Peak Demand KW (60 Min.)	Net Generation Excluding Station Use	Cost of Plant (Omit Cents)	Plant Cost Per KW Inst. Capacity	Exclu Labor	duction Expe sive of Depre and Taxes (Omit Cents) Fuel	ciation	Kind of Fuel	Fuel Cost Per KWH Net Generation (Cents) 0.00
No.	(a)	(b)	(c)	(d)	(e)	(f)		(h)	(I)	(j)	(k)	(I)
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	NONE *** NOT APPLICABLE ***		(c)	(d)	(e)	(f)	(g)	(h)	(1)	(j)	(k)	
27												<u> </u>
28		TOTALS										

TRANSMISSION LINE STATISTICS

Report information concerning transmission lines as indicated below.

	Report Information co		Sion lines as inc	licated below.	Length (P	ole Miles)		
Line	From	То	Operating Voltage	Type of Supporting Structure	On Structures of	On Structures of	Number of Circuits	Size of Conductor and Material
No.		(b)		(d)		(f)	(g)	
1 1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 100 111 122 133 144 155 166 177 18 19 200 211 222 233 244 255 266 27 28 29 300 311 322 333 344 355 366 37 7 38 8 39 9 40 41 42 43	(a)	To (b)	Operating Voltage (c)	Supporting Structure (d)	On Structures of Line Designated (e) NONE	On Structures of Another Line (f) NONE	of Circuits (g)	Conductor and Material (h)
44 45								
46								
47				TOTALS	0.00		0	
	* Where other than 6	0 cycle, 3 phase, s	o indicate.					

- 1. Report below rhe 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.

SUBSTATIONS

- 4. Indicate in column (b) the functional character or 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, 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.

	De SHOWH.			others, jointly own	ieu with other	s, or operated our	erwise triail by	co-owner,	or other party is an associat		
				VOLTAGE					Conversion Apparatus and Special Equi		
		Character				Capacity of	Number	Number			
	Name and Location of Substation					Substation	Of Trans-	of Spare		1	
		Substation	Primary	Secondary	Tertiary		formers	Trans-		Number	Total
Line			. ,	,		(in Service)		formers	Type of Equipment		
No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	Gilbert Street	Distribution - Unattended		13.8kv		80,000					
	Gilbert Street Expansion	Distribution - Unattended		13.8kv		80,000					
	East Mansfield (Bird Road)	Distribution - Unattended		13.8kv		80,000					
4	•					,					
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23										1	1
24										1	1
25										1	1
26										1	1
27										1	1
28										1	1
29										1	1
30										1	1
31										1	1
32										1	1
02					TOTALS	240,000	0	0		1	1
					LOIALO	270,000	,	v		1	1

OVERHEAD DISTRIBUTION LINES OPERATED

		Length (Pole Miles)						
ne o.	Wood Poles	Steel Towers	TOTAL					
1 Miles - Beginning of Year	88.67		88.67					
2 Added During Year	0.16		0.16					
3 Retired During Year	0.00		0.00					
4 Miles - End of Year	88.83		88.83					

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

				Line Trans	formers
Line No.	ltem	Electric Services	Number of Watt-hour Meters	Number	Total Capacity (Kva)
16	Number at beginning of year		11,473	2,064	200,428
17	Additions during year:				
18	Purchased		526	103	2,302
19	Installed				
20	Associated with utility plant acquired				
21	Total additions		526	103	2,302
22	Reduction during year:				
23	Retirements		445	29	856
24	Associated with utility plant sold				
25	Total reductions		445	29	856
26	Number at End of Year		11,554	2,138	201,874
27	In Stock		1,066	103	8,576
28	Locked Meters' on customers' premises				
29	Inactive Transformers on System				
31	In Companys' Use				
32	Number at End of Year		1,066	103	8,576

10,488.00 2,035.00 193,298.00

70		70	
----	--	----	--

0.00

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.

	Report below the information	Januarior Johnson III.	Underground Cable			ine Cable
Line No.	Designation of Underground Distribution System	Miles of Conduit Bank (All sizes and Types)	Miles*	Operating voltage	Feet*	Operating Voltage
140.	(a)	(b)	(c)	(d)	(e)	(f)
1						
2 3			79			
3 4						
5						
6						
7						
8						
9 10						
11						
12						
13						
14 15						
16						
17						
18						
19						
20 21						
22						
22 23						
24 25						
25 26						
26 27						
28						
29						
30						
31						
32 33						
34	TOTALS		79			
	*Indicate number of conductors per cable.					

STREET LAMPS CONNECTED TO SYSTEM

				ТҮРЕ				
	City or	High Press. Sodium			LED			
Line No.	Town	Other	Municipal	Total		Other	Municipal	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1 2	Mansfield							
3								
4	50 Watt	15	11	26	31W	6	674	680
5 6	100 Watt	1	21	22	36 watt	68	1,444	1,512
7 8 9	250 Watt	1	5	6	51 watt	11	494	505
	400 Watt	96	18	114	73 watt	0	32	32
12 13	1000 Watt	1	0	1	85 watt	40	7	47
14 15					91 watt	19	30	49
16 17					103 watt	24	78	102
18 19					140 watt	20	46	66
20 21					250 watt	14	5	19
22 23					400 watt	4	1	5
24 25								
26 27								
28 29								
30 31								
32								
33 34								
35 36								
37 38								
39								
40								
44 45								
46								
47 48								
49								
50 51								
52	TOTALS	114	55	169	0	206	2,811	3,017

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	M.D.P.U.	Rate Schedule	Estimated Effect of Rate Schedule Annual Revenues		
Effective	Number		Increases	Decrease	
		Purchase Power Adjustment Charge Changes as follows:			
		Date New Rate			
		NO Change			
		Residential Credit Factor as follows:			
		Date New Rate			
		NO Change			
		Non-Residential Credit Factor as follows:			
		Date New Rate			
		NO Change			