The Commonwealth of Massachusetts

Return

of the

Municipal Lighting Plant

TOWN OF SHREWSBURY

to the

Department of Public Utilities

of Massachusetts

For the Year ended December 31,

2022

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

Official title: General Manager

Office address: 100 Maple Ave.
Shrewsbury, MA 01545

Form AC-19

GOULET, SALVIDIO
& ASSOCIATES, P.C.
CERTIFIED PUBLIC ACCOUNTANTS

The Board of Commissioners
Shrewsbury Electric and Cable Operations
Shrewsbury, Massachusetts 01545

Management is responsible for the accompanying financial statements of Shrewsbury Electric and Cable Operations, which comprise the balance sheet as of December 31, 2022, and the related statements of income and retained earnings for the year then ended, included in the accompanying prescribed form in accordance with accounting principles generally accepted in the United States of America. We have performed a compilation engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements included in the accompanying prescribed form nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. We do not express an opinion, a conclusion, nor provide any assurance on the financial statements in the accompanying prescribed form.

The financial statements included in the accompanying prescribed form are presented in accordance with the requirements of the Massachusetts Department of Public Utilities, and are not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America.

This report is intended solely for the information and use of Shrewsbury Electric and Cable Operations and the Massachusetts Department of Public Utilities, and is not intended to be and should not be used by anyone other than these specified parties.

Goulet, Salvidio & Associates P.C.

Goulet, Salvidio & Associates, P.C.

Worcester, Massachusetts
August 1, 2023

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GENERAL INFORMATION

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

2. If the town (or city) has acquired a plant,
   Kind of plant, whether gas or electric. Electric
   Owner from whom purchased, if so acquired.
   Date of votes to acquire a plant in accordance with the provisions of chapter 164 of the General Laws.
   Record of votes: First vote: Yes, 125; No, 22 Second vote: Yes, 110; No, 16
   Date when town (or city) began to sell gas and electricity, October 1908

3. Name and address of manager of municipal lighting:

Christopher Roy	221 Stow Rd.	Harvard, MA 01451

4. Name and address of mayor or selectmen:

Beth Casavant	100 Maple Avenue	Shrewsbury, MA 01545
Theresa Flynn	100 Maple Avenue	Shrewsbury, MA 01545
Carlos Garcia	100 Maple Avenue	Shrewsbury, MA 01545
John R. Samia	100 Maple Avenue	Shrewsbury, MA 01545
Michelle Conlin	100 Maple Avenue	Shrewsbury, MA 01545

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

Amy Perkins	19 Colonial Rd.	Auburn, MA 01501

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

Sharyn Thomas	30 Edgewater Ave.	Shrewsbury, MA 01545

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

Michael Refolo	38 Olde Colony Dr.	Shrewsbury, MA 01545
Robert Holland	8 Raymond Ave.	Shrewsbury, MA 01545
Anthony Trippi	145 Maple Ave.	Shrewsbury, MA 01545
Maria Lemieux	5 Country Way	Shrewsbury, MA 01545
Matthew Beaton	41 Surrey Ln.	Shrewsbury, MA 01545

8. Total valuation of estates in town (or city) according to last State valuation (taxable) $7,862,947,514

9. Tax rate for all purposes during the year:

Residential	$13.12
Commercial/Industrial/Personal Property	$13.12

10. Amount of manager's salary: $224,016

11. Amount of manager's bond: $1,000

12. Amount of salary paid to members of municipal light board (each): $200

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

				Amount
	INCOME FROM PRIVATE CONSUMERS:			
1	From sales of gas			0
2	From sales of electricity			41,949,186
3			**TOTAL**	41,949,186
4				
5	**EXPENSES**			
6	For operation, maintenance and repairs			34,268,954
7	For interest on bonds, notes or scrip			351,536
8	For depreciation fund (3 %	86,814,760	as per page 8B)	2,629,395
9	For sinking fund requirements			
10	For note payments			894,452
11	For bond payments			300,000
12	For loss in preceding year			
13			**TOTAL**	38,444,337
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			978,992
19	Of electricity to be used for street lights			112,228
20	Total of above items to be included in the tax levy			1,091,220
21				
22	New construction to be included in the tax levy			
23	Total amounts to be included in the tax levy			

CUSTOMERS

Names of cities or towns in which the plant supplies GAS, with the number of customers' meters in each.

City or Town	Number of Customers' Meters, Dec. 31
TOTAL	0

Names of cities or towns in which the plant supplies ELECTRICITY, with the number of customers' meters in each.

City or Town	Number of Customers' Meters, Dec. 31
Shrewsbury	16,335
TOTAL	16,335

APPROPRIATIONS SINCE BEGINNING OF YEAR

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

FOR CONSTRUCTION OR PURCHASE OF PLANT

*At	meeting	, to be paid from **	
*At	meeting	, to be paid from **	
		TOTAL	0

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

1.	Street lights	112,228
2.	Municipal buildings	978,992
3.		
	TOTAL	1,091,220

* Date of meeting and whether regular or special ** Here insert bonds, notes or tax levy

CHANGES IN THE PROPERTY

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

In electric property:

- Extended primary underground with transformers for the following new commercial/residential Developments:
  - 360 Hartford Tpke - Business/storage addition
  - 200 Hartford Tpke - Commercial development
  - 200 Hartford Tpke - Residential development
  - 106 Maple Ave - Shrewsbury Police Department
  - 226R Grafton St
  - Trinity Circle Residential Development
  - 171-173 South St - Residential Development
  - 257-261 Main St - Residential Development
- Upgraded the existing infrastructure to 13.8kV system from 4kV, including primary conductor and transformers at the following locations:
  - 566-572 Main St
  - Willard Ave
  - Rolfe Ave
  - 420 Boston Tpke
- Extended primary overhead line at the following locations:
  - 1020 Main St
- New LED Protective Lighting installs for customers
- EV Charger additions in town:
  - 2 plug, level 2 chargers installed at Dean Park
  - 4 plug, level 2 chargers installed at Town Hall
- AMI Meter project contract changes and design in progress

In gas property: Not applicable

Bonds
(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
March 15, 1908	August 1, 1908	16,000					
May 2, 1908	June 12, 1908	9,000					
March 1, 1909	November 2, 1909	1,000					
August 26, 1910	September 12, 1910	1,300					
May 26, 1977	January 15, 1978	200,000					
June 27, 1977	June 30, 1983	200,000					
March 24, 1969	October 1, 1969	450,000					
May 11, 1970	November 15, 1970	450,000					
May 21, 1973	November 1, 1973	750,000					
May 28, 1974	November 1, 1974	300,000					
May 20, 1985	April 1, 1986	350,000					
May 16, 1988	April 28, 1978	500,000					
May, 15 1995	February 15, 1996	1,000,000					
May 21, 2001	August 15, 2001	1,760,000					
February 1, 2005	February 15, 2005	379,400					
February 15, 2008	February 20, 2008	1,000,000					
May 22, 2013	January 23, 2014	6,000,000	300,000	2015-2034	3-4%	Semi-Anually	3,600,000
	TOTAL	13,366,700	300,000			TOTAL	3,600,000

The bonds and notes outstanding at end of year should agree with the Balance Sheet.
When bond and notes are repaid report the first three columns only
* Date of meeting and whether regular or special
** List original issues of bonds and notes including those that have been repaid

Town Notes

(Issued on Account of Gas or Electric Lighting.)

When Authorized*	Date of Issue	Amount of Original Issue **	Period of Payments		Interest		Amount Outstanding at End of Year
			Amounts	When Payable	Rate	When Payable	
October 18, 2005	September 15, 2006	1,000,000	1,000,000	Sep 14, 2007	4.00%	At Maturity	
October 18, 2005	September 14, 2007	1,000,000	1,000,000	Nov 21, 2007	3.90%	At Maturity	
October 18, 2005	November 21, 2007	1,000,000	1,000,000	Feb 21, 2008	3.75%	At Maturity	
June 1, 2018	March 22, 2019	2,373,207			3.20%	Monthly	1,711,544
June 1, 2018	March 19, 2019	7,288,278			3.11%	Monthly	4,757,919
	TOTAL	12,661,485				TOTAL	6,469,463

The bonds and notes outstanding at end of year should agree with the Balance Sheet.
When bond and notes are repaid report the first three columns only
* Date of meeting and whether regular or special
** List original issues of bonds and notes including those that have been repaid

TOTAL COST OF PLANT - ELECTRIC

1. Report below the cost of utility plant in service according to prescribed accounts
2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate.
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	0	0	0	0	0	0
8	311 Structures and Improvements	0	0	0	0	0	0
9	312 Boiler Plant Equipment	0	0	0	0	0	0
10	313 Engines and Engine Driven Generators	0	0	0	0	0	0
11	314 Turbogenerator Units	0	0	0	0	0	0
12	315 Accessory Electric Equipment	0	0	0	0	0	0
13	316 Miscellaneous Power Plant Equipment	0	0	0	0	0	0
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						
17	320 Land and Land Rights	0	0	0	0	0	0
18	321 Structures and Improvements	0	0	0	0	0	0
19	322 Reactor Plant Equipment	0	0	0	0	0	0
20	323 Turbogenerator Units	0	0	0	0	0	0
21	324 Accessory Electric Equipment	0	0	0	0	0	0
22	325 Miscellaneous Power Plant Equipment	0	0	0	0	0	0
	Total Nuclear Production Plant	0	0	0	0	0	0

TOTAL COST OF PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	0	0	0	0	0	0
3	331 Structures and Improvements	0	0	0	0	0	0
4	332 Reservoirs, Dams and Waterways	0	0	0	0	0	0
5	333 Water Wheels, Turbines and Generators	0	0	0	0	0	0
6	334 Accessory Electric Equipment	0	0	0	0	0	0
7	335 Miscellaneous Power Plant Equipment	0	0	0	0	0	0
8	336 Roads, Railroads and Bridges	0	0	0	0	0	0
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights	4,737	0	0	0	0	4,737
12	341 Structures and Improvements	10,995,192	27,672	0	0	0	11,022,864
13	342 Fuel Holders, Producers and Accessories	852,604	0	0	0	0	852,604
14	343 Prime Movers	2,096,736	0	0	0	0	2,096,736
15	344 Generators	1,099,330	0	0	0	0	1,099,330
16	345 Accessory Electric Equipment	1,506,363	0	0	0	0	1,506,363
17	346 Miscellaneous Power Plant Equipment	11,514	0	0	0	0	11,514
18	Total Other Production Plant	16,566,476	27,672	0	0	0	16,594,148
19	Total Production Plant	16,566,476	27,672	0	0	0	16,594,148
20	3. Transmission Plant						
21	350 Land and Land Rights	0	0	0	0	0	0
22	351 Clearing Land and Rights of Way	0	0	0	0	0	0
23	352 Structures and Improvements	3,671	12,338	0	0	0	16,009
24	353 Station Equipment	2,019,795	4,625	0	0	0	2,024,420
25	354 Towers and Fixtures	0	0	0	0	0	0
26	355 Poles and Fixtures	0	0	0	0	0	0
27	356 Overhead Conductors and Devices	0	0	0	0	0	0
28	357 Underground Conduit	0	0	0	0	0	0
29	358 Underground Conductors and Devices	0	0	0	0	0	0
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	2,023,466	16,963	0	0	0	2,040,429

TOTAL COST OF PLANT (Concluded)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	398,760	0				398,760
3	361 Structures and Improvements	1,330,662	0	0	0	0	1,330,662
4	362 Station Equipment	17,104,378	31,458	0	0	0	17,135,836
5	363 Storage Battery Equipment	25,925	0	0	0	0	25,925
6	364 Poles Towers and Fixtures	4,737,401	170,277	(9,150)	0	0	4,898,528
7	365 Overhead Conductors and Devices	8,242,253	289,199	0	0	0	8,531,452
8	366 Underground Conduit	3,643,760	31,151	0	0	0	3,674,911
9	367 Underground Conductors and Devices	4,592,269	96,017	0	0	0	4,688,286
10	368 Line Transformers	5,726,538	226,021	(45,000)	0	0	5,907,559
11	369 Services	2,230,158	40,602	(160)	0	0	2,270,600
12	370 Meters	2,570,526	186,359	(2,500)	0	0	2,754,385
13	371 Installations on Customer's Premises	1,404,656	7	0	0	0	1,404,663
14	373 Streetlight and Signal Systems	2,319,344	51,720	(150)	0	0	2,370,914
15	Total Distribution Plant	54,326,630	1,122,811	(56,960)	0	0	55,392,481
16	5. GENERAL PLANT						
17	389 Land and Land Rights	0	0	0	0	0	0
18	390 Structures and Improvements	3,849,024	0	0	0	0	3,849,024
19	391 Office Furniture and Equipment	4,045,093	37,703	0	0	0	4,082,796
20	392 Transportation Equipment	2,961,699	88,684	0	0	0	3,050,383
21	393 Stores Equipment	41,285	0	0	0	0	41,285
22	394 Tools, Shop and Garage Equipment	217,530	19,076	0	0	0	236,606
23	395 Laboratory Equipment	0	0	0	0	0	0
24	396 Power Operated Equipment	0	0	0	0	0	0
25	397 Communication Equipment	1,818,502	0	0	0	0	1,818,502
26	398 Miscellaneous Equipment	45,868	6,129	0	0	0	51,997
27	399 Other Tangible Property	60,606	0	0	0	0	60,606
28	Total General Plant	13,039,607	151,592	0	0	0	13,191,199
29	Total Electric Plant in Service	85,956,179	1,319,038	(56,960)	0	0	87,218,257
30						Total Cost of Electric Plant.....	87,218,257
31						Less Cost of Land, Land Rights, Rights of Way.....	403,497
32						Total Cost upon which Depreciation is based	86,814,760

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

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COMPARATIVE BALANCE SHEET Assets and Other Debits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		**UTILITY PLANT**			
2	101	Utility Plant - Electric (P. 17)	38,786,845	37,850,883	(935,962)
3	101	Utility Plant - Gas (P. 20)	0	0	0
4	123	Investment in Affiliated Company	61,521	61,521	0
5		Total Utility Plant	38,848,366	37,912,404	(935,962)
6					
7					
8					
9					
10		**FUND ACCOUNTS**			
11	125	Construction Fund	0	0	0
12	126	Depreciation Fund (P. 14)	4,816,021	7,343,308	2,527,287
13	128	Other Special Funds	3,775,196	3,551,553	(223,643)
14		Total Funds	8,591,217	10,894,861	2,303,644
15		**CURRENT AND ACCRUED ASSETS**			
16	131	Cash (P. 14)	18,388,261	9,529,297	(8,858,964)
17	132	Special Deposits	924,852	840,539	(84,313)
18	135	Working Funds	500	500	0
19	141	Notes Receivable	23,190	23,147	(43)
20	142	Customer Accounts Receivable	2,126,699	2,916,262	789,563
21	143	Other Accounts Receivable	1,249,772	1,084,156	(165,616)
22	146	Receivables from Municipality	0	92,987	92,987
23	151	Materials and Supplies (P. 14)	130,630	275,564	144,934
24					
25	165	Prepayments	2,896,516	7,297,061	4,400,545
26	174	Miscellaneous Current Assets	0	0	0
27		Total Current and Accrued Assets	25,740,420	22,059,513	(3,680,907)
28		**DEFERRED DEBITS**			
29	181	Unamortized Debt Discount			
30	182	Extraordinary Property Losses			
31	185	Other Deferred Debits	11,232,528	13,342,742	2,110,214
32		Total Deferred Debits	11,232,528	13,342,742	2,110,214
33					
34		Total Assets and Other Debits	84,412,531	84,209,520	(203,011)

COMPARATIVE BALANCE SHEET Liabilities and Other Credits

Line No.		Title of Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)
1		**APPROPRIATIONS**			
2	201	Appropriations for Construction			0
3		**SURPLUS**			
4	205	Sinking Fund Reserves			
5	206	Loans Repayment	8,528,755	9,698,623	1,169,868
6	207	Appropriations for Construction Repayments	0	0	0
7	208	Unappropriated Earned Surplus (P. 12)	45,268,746	44,723,076	(545,670)
8		Total Surplus	53,797,501	54,421,699	624,198
9		**LONG TERM DEBT**			
10	221	Bonds (P. 6)	3,900,000	3,600,000	(300,000)
11	224	Other Long Term Debt	0	0	0
12	227	Obligation under Capital Lease	0	0	0
13	231	Notes Payable (P. 7)	7,339,332	6,469,463	(869,869)
14		Total Bonds and Notes	11,239,332	10,069,463	(1,169,869)
15		**CURRENT AND ACCRUED LIABILITIES**			
16	232	Accounts Payable	1,493,711	2,477,158	983,447
17	233	Capital Lease	0	0	0
18	234	Payables to Municipality	0	0	0
19	235	Customers' Deposits	0	0	0
20	236	Taxes Accrued	0	0	0
21	237	Interest Accrued	58,025	54,588	(3,437)
22	242	Miscellaneous Current and Accrued Liabilities	1,299,482	629,822	(669,660)
23		Total Current and Accrued Liabilities	2,851,218	3,161,568	310,350
24		**DEFERRED CREDITS**			
25	251	Unamortized Premium on Debt	84,875	78,130	(6,745)
26	252	Customer Advances for Construction	0	0	0
27	253	Other Deferred Credits	14,305,468	14,267,351	(38,117)
28		Total Deferred Credits	14,390,343	14,345,481	(44,862)
29		**RESERVES**			
30	260	Reserves for Uncollectible Accounts	250,000	250,000	0
31	261	Property Insurance Reserve	0	0	0
32	262	Injuries and Damages Reserves	0	0	0
33	263	Pensions and Benefits Reserves	768,452	375,532	(392,920)
34	265	Miscellaneous Operating Reserves	0	0	0
35		Total Reserves	1,018,452	625,532	(392,920)
36		**CONTRIBUTIONS IN AID OF**			
37		**CONSTRUCTION**			
38	271	Contributions in Aid of Construction	1,115,685	1,585,777	470,092
39		Total Liabilities and Other Credits	84,412,531	84,209,520	(203,011)

State below if any earning 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.

STATEMENT OF INCOME FOR THE YEAR

Line No.	Account (a)	Current Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**OPERATING INCOME**		
2	400 Operating Revenues (P. 37 and 43)	34,568,006	2,207,588
3	Operating Expenses:		
4	401 Operation Expense (p. 42 and 47)	29,281,584	6,059,497
5	402 Maintenance Expense	1,628,677	172,785
6	403 Depreciation Expense	2,566,580	81,260
7	407 Amortization of Property Losses	0	0
8			
9	408 Taxes (P. 49)	0	0
10	Total Operating Expenses	33,476,841	6,313,542
11	Operating Income	1,091,165	(4,105,954)
12	414 Other Utility Operating Income (P. 50)		
13			
14	Total Operating Income	1,091,165	(4,105,954)
15	**OTHER INCOME**		
16	415 Income from Merchandising, Jobbing, and Contract Work (P. 51)	77,305	45,054
17	419 Interest Income	33,687	25,619
18	421 Miscellaneous Nonoperating Income (P. 21)	0	0
19	Total Other Income	110,992	70,673
20	Total Income	1,202,157	(4,035,281)
21	**MISCELLANEOUS INCOME DEDUCTIONS**		
22	425 Miscellaneous Amortization	(36,592)	(36,592)
23	426 Other Income Deductions	0	0
24	Total Income Deductions	(36,592)	(36,592)
25	Income Before Interest Charges	1,238,749	(3,998,689)
26	**INTEREST CHARGES**		
27	427 Interest on Bonds and Notes	336,785	(34,172)
28	428 Amortization of Debt Discount and Expense	0	0
29	429 Amortization of Premium on Debt - Credit	(6,745)	0
30	431 Other Interest Expense		0
31	432 Interest: Charged to Construction - Credit	0	0
32	Total Interest Charges	330,040	(34,172)
33	**NET INCOME**	908,709	(3,964,517)

EARNED SURPLUS

Line No.	Account (a)	Debits (b)	Credits (c)
34	208 Unappropriated Earned Surplus (at beginning of period)		45,268,746
35			
36			
37	433 Balance Transferred from Income		908,709
38	434 Miscellaneous Credits to Surplus (P. 21)		0
39	435 Miscellaneous Debits to Surplus (P. 21)	1,169,868	
40	436 Appropriations of Surplus (P. 21)	284,511	
41	437 Surplus Applied to Depreciation	0	
42	208 Unappropriated Earned Surplus (at end of period)	44,723,076	
43			
44	**TOTALS**	46,177,455	46,177,455

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CASH BALANCES AT END OF YEAR

Line No.	Items (a)	Amount (b)
1	Operation Fund	9,529,297
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	**TOTAL**	9,529,297

MATERIALS AND SUPPLIES (Accounts 151-159, 163)

Summary per Balance Sheet

Line No.	Account (a)	Amount End of Year Electric (b)	Gas (c)
13	Fuel (Account 151) (See Schedule, Page 25)		
14	Fuel Stock Expenses (Account 152)		
15	Residuals (Account 153)		
16	Plant Materials and Operating Supplies (Account 154 (151))	275,564	
17	Merchandise (Account 155)		
18	Other Materials and Supplies (Account 156)		
19	Nuclear Fuel Assemblies and Components - In Reactor (Account 157)		
20	Nuclear Fuel Assemblies and Components - Stock Account (Account 158)		
21	Nuclear Byproduct Materials (Account 159)		
22	Stores Expense (Account 163)		
23	Total Per Balance Sheet	275,564	0

DEPRECIATION FUND ACCOUNT (Account 126)

Line No.	(a)	Amount (b)
24	**DEBITS**	
25	Balance of account at beginning of year	4,816,021
26	Income during year from balance on deposit (interest)	7,339
27	Amount transferred from income (depreciation)	2,519,948
28		
29	**TOTAL**	7,343,308
30	**CREDITS**	
31	Amount expended for construction purposes (Sec. 57,C.164 of G.L.)	
32	Amounts expended for renewals,viz:-	
33	Power Contract Settlement	
34		
35		
36		
37		
38		
39	Balance on hand at end of year	7,343,308
40	**TOTAL**	7,343,308

UTILITY 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 preceding year. Such items should be included in column (c).
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	1. INTANGIBLE PLANT						0
2							
3							
4		0	0	0	0	0	0
5	2. PRODUCTION PLANT						
6	A. Steam Production						
7	310 Land and Land Rights	0	0	0	0	0	0
8	311 Structures and Improvements	0	0	0	0	0	0
9	312 Boiler Plant Equipment	0	0	0	0	0	0
10	313 Engines and Engine Driven Generators	0	0	0	0	0	0
11	314 Turbogenerator Units	0	0	0	0	0	0
12	315 Accessory Electric Equipment	0	0	0	0	0	0
13	316 Miscellaneous Power Plant Equipment	0	0	0	0	0	0
15	Total Steam Production Plant	0	0	0	0	0	0
16	B. Nuclear Production Plant						
17	320 Land and Land Rights	0	0	0	0	0	0
18	321 Structures and Improvements	0	0	0	0	0	0
19	322 Reactor Plant Equipment	0	0	0	0	0	0
20	323 Turbogenerator Units	0	0	0	0	0	0
21	324 Accessory Electric Equipment	0	0	0	0	0	0
22	325 Miscellaneous Power Plant Equipment	0	0	0	0	0	0
23	Total Nuclear Production Plant	0	0	0	0	0	0

UTILITY PLANT - ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	C. Hydraulic Production Plant						
2	330 Land and Land Rights	(b)	(c)	0	0	0	0
3	331 Structures and Improvements	0	0	0	0	0	0
4	332 Reservoirs, Dams and Waterways	0	0	0	0	0	0
5	333 Water Wheels, Turbines and Generators	0	0	0	0	0	0
6	334 Accessory Electric Equipment	0	0	0	0	0	0
7	335 Miscellaneous Power Plant Equipment	0	0	0	0	0	0
8	336 Roads, Railroads and Bridges	0	0	0	0	0	0
9	Total Hydraulic Production Plant	0	0	0	0	0	0
10	D. Other Production Plant						
11	340 Land and Land Rights	4,737	0	0	0	0	4,737
12	341 Structures and Improvements	10,174,304	27,672	304,566	0	0	9,897,410
13	342 Fuel Holders, Producers and Accessories	584,747	0	23,617	0	0	561,130
14	343 Prime Movers	334,232	0	58,079	0	0	276,153
15	344 Generators	646,531	0	30,451	0	0	616,080
16	345 Accessory Electric Equipment	0	0	0	0	0	0
17	346 Miscellaneous Power Plant Equipment	9,350	0	318	0	0	9,032
18	Total Other Production Plant	11,753,901	27,672	417,031	0	0	11,364,542
19	Total Production Plant	11,753,901	27,672	417,031	0	0	11,364,542
20	3. Transmission Plant						
21	350 Land and Land Rights	0	0	0	0	0	0
22	351 Clearing Land and Rights of Way	0	0	0	0	0	0
23	352 Structures and Improvements	3,671	12,338	101	0	0	15,908
24	353 Station Equipment	1,662,310	4,625	60,593	0	0	1,606,342
25	354 Towers and Fixtures	0	0	0	0	0	0
26	355 Poles and Fixtures	0	0	0	0	0	0
27	356 Overhead Conductors and Devices	0	0	0	0	0	0
28	357 Underground Conduit	0	0	0	0	0	0
29	358 Underground Conductors and Devices	0	0	0	0	0	0
30	359 Roads and Trails	0	0	0	0	0	0
31	Total Transmission Plant	1,665,981	16,963	60,694	0	0	1,622,250

UTILITY PLANT -- ELECTRIC (Continued)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Depreciation (d)	Other Credits (e)	Adjustments Transfers (f)	Balance End of Year (g)
1	4. DISTRIBUTION PLANT						
2	360 Land and Land Rights	398,760	0	0	0	0	398,760
3	361 Structures and Improvements	622,633	0	36,859	0	0	585,774
4	362 Station Equipment	8,017,175	31,458	513,131	0	0	7,535,502
5	363 Storage Battery Equipment	5,678	0	718	0	0	4,960
6	364 Poles Towers and Fixtures	1,699,531	170,277	130,297	0	0	1,739,511
7	365 Overhead Conductors and Devices	4,435,340	289,199	228,083	0	0	4,496,456
8	366 Underground Conduit	978,919	31,151	100,932	0	0	909,138
9	367 Underground Conductors and Devices	1,357,895	96,017	127,205	0	0	1,326,707
10	368 Line Transformers	2,258,297	226,021	158,625	0	0	2,325,693
11	369 Services	922,668	40,602	61,775	0	0	901,495
12	370 Meters	1,062,617	186,359	71,203	0	0	1,177,773
13	371 Installations on Customer's Premises	183,860	7	38,908	0	0	144,959
14	372 Leased Prop on Customer's Premises	0	0	0	0	0	0
15	373 Streetlight and Signal Systems	1,090,029	51,720	64,245	0	0	1,077,504
16	Total Distribution Plant	23,033,402	1,122,811	1,531,981	0	0	22,624,232
17	5. GENERAL PLANT						
18	389 Land and Land Rights	0	0	0	0	0	0
19	390 Structures and Improvements	608,071	0	106,617	0	17,063	518,517
20	391 Office Furniture and Equipment	89,159	37,703	68,506	0	(17,063)	41,293
21	392 Transportation Equipment	322,422	88,684	322,422	0	0	88,684
22	393 Stores Equipment	504	0	504	0	0	0
23	394 Tools, Shop and Garage Equipment	136,368	19,076	7,183	0	0	148,261
24	395 Laboratory Equipment	0	0	0	0	0	0
25	396 Power Operated Equipment	0	0	0	0	0	0
26	397 Communication Equipment	715,780	0	50,372	0	0	665,408
27	398 Miscellaneous Equipment	13,799	6,129	1,270	0	0	18,658
28	399 Other Tangible Property	0	0	0	0	0	0
29	Total General Plant	1,886,103	151,592	556,874	0	0	1,480,821
30	Total Electric Plant in Service	38,339,387	1,319,038	2,566,580	0	0	37,091,845
31	104 Utility Plant Leased to Others						
32	105 Property Held for Future Use						
33	107 Construction Work in Progress	447,458	393,511	0	0	(81,931)	759,038
34	Total Utility Plant Electric	38,786,845	1,712,549	2,566,580	0	(81,931)	37,850,883

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

(Except Nuclear Materials)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2,000 lbs., gal., or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. Show gas and electric fuels separately by specific use.

Line No.	Item (a)	Total Cost (b)	Kinds of Fuel and Oil			
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)
1	On Hand Beginning of Year	82,997	42,394	79,771	275	3,226
2	Received During Year	185,751	70,238	181,684	275	4067
3	TOTAL	268,748	112,632	261,455	550	7,293
4	Used During Year (Note A)	141,473	63,980	14,865	275	3,226
5						
6						
7						
8						
9						
10						
11	Sold or Transferred					
12	TOTAL DISPOSED OF	141,473	63,980	14,865	275	3,226
13	BALANCE END OF YEAR	127,275	48,652	246,590	275	4,067

Line No.	Item (g)	Kinds of Fuel and Oil - continued			
		Quantity (h)	Cost (i)	Quantity (j)	Cost (k)
14	On Hand Beginning of Year				
15	Received During Year				
16	TOTAL				
17	Used During Year (Note A)				
18					
19					
20					
21					
22					
23					
24	Sold or Transferred				
25	TOTAL DISPOSED OF				
26	BALANCE END OF YEAR				

Note A -- Indicate specific purpose for which used, e.g., Boiler Oil, Make Oil, Generator Fuel, etc.

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MISCELLANEOUS NONOPERATING INCOME (Account 421) **Page 21**

Line No	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6	**TOTAL**	0

OTHER INCOME DEDUCTIONS (Account 426)

Line No.	Item (a)	Amount (b)
7		
8		
9		
10		
11		
12		
13		
14	**TOTAL**	0

MISCELLANEOUS CREDITS TO SURPLUS (Account 434)

Line No.	Item (a)	Amount (b)
15		
16		
17		
18		
19		
20		
21		
22		
23	**TOTAL**	0

MISCELLANEOUS DEBITS TO SURPLUS (Account 435)

Line No.	Item (a)	Amount (b)
24		
25	Transfer of Loan Repayments	1,169,868
26		
27		
28		
29		
30		
31		
32	**TOTAL**	1,169,868

APPROPRIATIONS OF SURPLUS (Account 436)

Line No.	Item (a)	Amount (b)
33	In Lieu of Tax Payments to Town	284,511
34		
35		
36		
37		
38		
39		
40	**TOTAL**	284,511

MUNICIPAL REVENUES (Account 482,444)

(K.W.H. Sold under the provision of Chapter 269, Acts of 1927)

Line No.	Acct. No.	Gas Schedule (a)	Cubic Feet (b)	Revenue Received (c)	Average Revenue Per MCF (cents) (0.0000) (d)
1					
2					
3					
4		**TOTALS**			

Line No.	Acct. No.	Electric Schedule (a)	K.W.H. (b)	Revenue Received (c)	Average Revenue Per KWH (cents) (0.0000) (d)
5	444-2	Municipal: (Other than Street Lighting)	11,570,807	1,361,014	0.1176
6					
7					
8		**TOTALS**	11,570,807	1,361,014	0.1176
9	444-1	Street Lighting	961,555	98,401	0.1023
10					
11					
12		**TOTALS**	961,555	98,401	0.1023
13		**TOTALS**	12,532,362	1,459,415	0.1165

PURCHASED POWER (Account 555)

Line No.	Names of Utilities from Which Electric Energy is Purchased (a)	Where and at What Voltage Received (b)	K.W.H (c)	Amount (d)	Cost per KWH (cents) (0.0000) (e)
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
		TOTALS	0	0	0

SALES FOR RESALE (Account 447)

Line No.	Names of Utilities to Which Electric Energy is sold (a)	Where and at What Voltage Delivered (b)	K.W.H (c)	Amount (d)	Revenue per KWH (cents) (0.0000) (e)
32					
33					
34					
35					
36					
37					
38					
39					
40					
41		TOTALS	0	0	0

Next page is 37

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.
2. If increases and decreases are not derived from previously reported figures, explain any inconsistencies.
3. Number of customers should be reported on the basis of meters, plus number of late rate accounts except where separate meter readings are added for billing purposes, one customer should 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 on Commercial and Industrial Sales, Account 442, Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater than 1000 KW. See Account 442 of the Uniform System of Accounts. Explain basis of Classification

Line No.	Account (a)	Operating Revenues: Amount for Year (b)	Operating Revenues: Increase or (Decrease) from Preceding Year (c)	Kilowatt-hours Sold: Amount for Year (d)	Kilowatt-hours Sold: Increase or (Decrease) from Preceding Year (e)	Average Number of Customers per Month: Number for Year (f)	Average Number of Customers per Month: Increase or (Decrease) from Preceding Year (g)
1	**SALES OF ELECTRICITY**						
2	440 Residential Sales	18,414,650	1,615,056	137,976,053	(263,913)	15,047	290
3	442 Commercial and Industrial Sales						
4	Small Commercial B Sales	3,930,195	333,715	30,395,230	1,495,526	1,066	15
5	Large Commercial C Sales	10,480,770	220,562	93,414,208	(2,645,736)	124	0
6	444 Municipal Sales	1,361,014	85,793	11,570,807	157,461	98	(1)
7	445 Street Lighting	98,401	(3,694)	961,555	(42,814)	1	
8	446 Sales to Railroads and Railways						
9	448 Interdepartmental Sales						
10	449 Miscellaneous Sales	125,629	(495)	1,386,592	7,026	386	3
11	**Total Sales to Ultimate Consumers**	34,410,659	2,250,937	275,704,445	(1,292,450)	16,722	307
12	447 Sales for Resale	0	0	0	0	0	0
13	**Total Sales of Electricity***	34,410,659	2,250,937	275,704,445	(1,292,450)	16,722	307
14	**OTHER OPERATING REVENUES**						
15	450 Forfeited Discounts						
16	451 Miscellaneous Service Revenues	40,897	11,216		* Includes revenues from		
17	453 Sales of Water and Water Power				application of fuel clauses $		N/A
18	454 Rent from Electric Property						
19	455 Interdepartmental Rents						
20	456 Other Electric Revenues	116,450	(54,565)		Total KWH to which applied		N/A
21							
22							
23							
24							
25	Total Other Operating Revenues	157,347	(43,349)				
26	Total Electric Operating Revenue	34,568,006	2,207,588				

SALES OF ELECTRICITY TO ULTIMATE CONSUMERS

Report by account number the K.W.H. sold, the amount derived and the number of customers under each filed schedule or contract. Municipal sales, contract sales and unbilled sales may be reported separately in total.

Line No.	Account No.	Schedule (a)	K.W.H. (b)	Revenue (c)	Average Revenue per KWH (cents) (0.0000) (d)	Number of Customers (per Bills rendered)	
						July 31 (e)	Dec 31 (f)
1	440	Residential	137,976,053	18,414,650	0.1335	14,894	15,047
2							
3							
4	442	Commercial	30,395,230	3,930,195	0.1293	1,161	1,066
5							
6		General Service	93,414,208	10,480,770	0.1122	124	124
7							
8							
9	444	Municipal	11,570,807	1,361,014	0.1176	1	1
10							
11		Street Lights	961,555	98,401	0.1023	98	98
12							
13		Protective Lighting	1,386,592	125,629	0.0906	385	386
14							
15							
16							
17							
		TOTAL SALES TO ULTIMATE CONSUMERS (page 37 Line 11)	275,704,445	34,410,659	0.1248	16,663	16,722

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space proved the operation and maintenance expenses for the year
2. If the increases and decreases are not derived from previously reported figures, explain in footnote

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**POWER PRODUCTION EXPENSES**		
2	**STEAM POWER GENERATION**		
3	Operation:		
4	500 Operation supervision and engineering	0	0
5	501 Fuel	0	0
6	502 Steam Expenses	0	0
7	503 Steam from other sources	0	0
8	504 Steam transferred -- Cr.	0	0
9	505 Electric expenses	0	0
10	506 Miscellaneous steam power expenses	0	0
11	507 Rents	0	0
12	Total Operation	0	0
13	Maintenance:		
14	510 Maintenance supervision and engineering	0	0
15	511 Maintenance of Structures	0	0
16	512 Maintenance of boiler plant	0	0
17	513 Maintenance of electric plant	0	0
18	514 Maintenance of miscellaneous steam plant	0	0
19	Total Maintenance	0	0
20	Total power production expenses -steam power	0	0
21	**NUCLEAR POWER GENERATION**		
22	Operation:		
23	517 Operation supervision and engineering	0	0
24	518 Fuel	0	0
25	519 Coolants and water	0	0
26	520 Steam Expenses	0	0
27	521 Steam from other sources	0	0
28	522 Steam transferred -- Cr.	0	0
29	523 Electric expenses	0	0
30	524 Miscellaneous nuclear power expenses	0	0
31	525 Rents	0	0
32	Total Operation	0	0
33	Maintenance:		
34	528 Maintenance supervision and engineering	0	0
35	529 Maintenance of Structures	0	0
36	530 Maintenance of reactor plant	0	0
37	531 Maintenance of electric plant	0	0
38	532 Maintenance of miscellaneous nuclear plant	0	0
39	Total Maintenance	0	0
40	Total power production expenses -nuclear power	0	0
41	**HYDRAULIC POWER GENERATION**		
42	Operation:		
43	535 Operation supervision and engineering	0	0
44	536 Water for power	0	0
45	537 Hydraulic expenses	0	0
46	538 Electric expenses	0	0
47	539 Miscellaneous hydraulic power generation expenses	0	0
48	540 Rents	0	0
49	Total Operation	0	0

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**HYDRAULIC POWER GENERATION - Continued**		
2	Maintenance:		
3	541 Maintenance Supervision and engineering	0	0
4	542 Maintenance of structures	0	0
5	543 Maintenance or reservoirs, dams and waterways	0	0
6	544 Maintenance of electric plant	0	0
7	545 Maintenance of miscellaneous hydraulic plant	0	0
8	Total maintenance	0	0
9	Total power production expenses - hydraulic power	0	0
10	**OTHER POWER GENERATION**		
11	Operation:		
12	546 Operation supervision and engineering	13,816	13,816
13	547 Fuel	172,658	147,302
14	548 Generation Expenses	127,375	61,853
15	549 Miscellaneous other power generation expense	0	0
16	550 Rents	0	0
17	Total Operation	313,849	222,971
18	Maintenance:		
19	551 Maintenance supervision and engineering	0	0
20	552 Maintenance of Structures	0	0
21	553 Maintenance of generating and electric plant	190,101	42,101
22	554 Maintenance of miscellaneous other power generation plant	0	0
23	Total Maintenance	190,101	42,101
24	Total power production expenses - other power	503,950	265,072
25	**OTHER POWER SUPPLY EXPENSES**		
26	555 Purchased power	20,880,533	5,928,602
27	556 System control and load dispatching	0	0
28	557 Other expenses	437,621	60,103
29	Total other power supply expenses	21,318,154	5,988,705
30	Total power production expenses	21,822,104	6,253,777
31	**TRANSMISSION EXPENSES**		
32	Operation:		
33	560 Operation supervision and engineering	13,816	(83,450)
34	561 Load dispatching	0	0
35	562 Station expenses	0	0
36	563 Overhead line expenses	0	0
37	564 Underground line expenses	0	0
38	565 Transmission of electricity by others	5,668,938	518,055
39	566 Miscellaneous transmission expenses	0	0
40	567 Rents	0	0
41	Total Operation	5,682,754	434,605
42	Maintenance:		
43	568 Maintenance supervision and engineering	0	0
44	569 Maintenance of structures	0	0
45	570 Maintenance of station equipment	0	0
46	571 Maintenance of overhead lines	0	0
47	572 Maintenance of underground lines	0	0
48	573 Maintenance of miscellaneous transmission plant	0	0
49	Total maintenance	0	0
50	Total transmission expenses	5,682,754	434,605

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**DISTRIBUTION EXPENSES**		
2	Operation:		
3	580 Operation supervision and engineering	201,301	29,077
4	581 Load dispatching (Operation Labor)	0	0
5	582 Station expenses	21,944	20,752
6	583 Overhead line expenses	80,421	(17,925)
7	584 Underground line expenses	0	0
8	585 Street lighting and signal system expenses	0	0
9	586 Meter expenses	92,424	23,892
10	587 Customer installations expenses	17,370	(12,796)
11	588 Miscellaneous distribution expenses	150,418	9,626
12	589 Rents	0	0
13	Total operation	563,878	52,626
14	Maintenance:		
15	590 Maintenance supervision and engineering	78,663	48,343
16	591 Maintenance of structures	77,457	16,791
17	592 Maintenance of station equipment	233,132	(24,493)
18	593 Maintenance of overhead lines	989,518	125,058
19	594 Maintenance of underground lines	69,014	16,465
20	595 Maintenance of line transformers	47,501	(21,681)
21	596 Maintenance of street lighting and signal systems	128,992	12,082
22	597 Maintenance of meters	0	0
23	598 Maintenance of miscellaneous distribution plant	0	0
24	Total maintenance	1,624,277	172,565
25	Total distribution expenses	2,188,155	225,191
26	**CUSTOMER ACCOUNTS EXPENSES**		
27	Operation:		
28	901 Supervision	0	0
29	902 Meter reading expenses	44,311	31,576
30	903 Customer records and collection expenses	1,087,314	649,105
31	904 Uncollectible accounts	37,949	(81,342)
32	905 Miscellaneous customer accounts expenses	0	0
33	Total customer accounts expenses	1,169,574	599,339
34	**SALES EXPENSES**		
35	Operation:		
36	911 Supervision	0	0
37	912 Demonstrating and selling expenses	69,520	(321,064)
38	913 Advertising expenses	0	0
39	916 Miscellaneous sales expenses	0	0
40	Total sales expenses	69,520	(321,064)
41	**ADMINISTRATIVE AND GENERAL EXPENSES**		
42	Operation:		
43	920 Administrative and general salaries	529,310	41,979
44	921 Office supplies and expenses	151,463	38,263
45	922 Administrative expenses transferred - Cr	0	0
46	923 Outside services employed	231,490	(19,060)
47	924 Property insurance	226,595	(25,481)
48	925 Injuries and damages	29,124	11,758
49	926 Employee pensions and benefits	(1,592,616)	(880,175)
50	928 Regulatory commission expenses	0	0
51	929 Store Expense	0	0
52	930 Miscellaneous general expenses	222,709	(126,441)
53	931 Rents	0	0
54	Total operation	(201,925)	(959,157)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES - Continued

Line No.	Account (a)	Amount for Year (b)	Increase or (Decrease) from Preceding Year (c)
1	**ADMINISTRATIVE AND GENERAL EXPENSES - Cont.**		
2	Maintenance:		
3	932 Maintenance of general plant	4,400	220
4	933 Transportation expense	175,679	(629)
5	Total administrative and general expenses	(21,846)	(959,566)
6	Total Electric Operation and Maintenance Expenses	30,910,261	6,232,282

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
7	**Power Production Expenses**			
8	Electric Generation:			
9	Steam Power:	0	0	0
10	Nuclear Power			
11	Hydraulic Power			
12	Other Power	503,950		503,950
13	Other Power Supply Expenses	21,318,154		21,318,154
14	Total power production expenses	21,822,104	0	21,822,104
15	Transmission Expenses	5,682,754		5,682,754
16	Distribution Expenses	563,878	1,624,277	2,188,155
17	Customer Accounts Expenses	1,169,574		1,169,574
18	Sales Expenses	69,520		69,520
19	Administrative and General Expenses	(26,246)	4,400	(21,846)
20	Total Electric Operation and			
21	Maintenance Expenses	29,281,584	1,628,677	30,910,261

22	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)	96.84%
23	Total salaries and wages of electric department for year, including amounts charged to operating expenses, construction and other accounts.	$3,434,045
24	Total number of employees of electric department at end of year including administrative, operating, maintenance, construction and other employees (including part-time employees)	35

Next Page is 49

TAXES CHARGED DURING THE YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal", "State" and "Local" in such manner that the total tax for each State and for all subdivisions can be readily ascertained.
4. The accounts to which the taxes charged were distributed should be shown in columns (c) to (h). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant account or subaccount.

5. For any tax which it was necessary to apportion more than one utility department account, state in a footnote the basis of apportioning such tax.
6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (omit cents) (b)	Electric Acct 408,409 (c)	Gas Acct 408,409 (d)	(e)	(f)	(g)	(h)	(i)
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	TOTALS								

OTHER UTILITY OPERATING INCOME (Account 414)

Report below the particulars called for in each column

Line No.	Property (a)	Amount of Investment (b)	Amount of Department (c)	Amount of Operating Expenses (d)	Gain or (Loss) from Operation (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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42					
43					
44					
45					
46					
47					
48					
49					
50					
51	TOTALS				

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

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

Line No.	Item (a)	Electric Department (b)	Gas Department (c)	Other Utility Department (d)	Total (e)
1	Revenues:				
2	Merchandise sales, less discounts,				
3	allowances and returns				
4	Contract work				77,305
5	Commissions				
6	Other (list according to major classes)				
7					
8					
9					
10	Total Revenues	0	0	0	77,305
11					
12					
13	Costs and Expenses:				
14	Cost of sales (list according to major				
15	classes of cost)				
16	Jobbing/Contract Costs				
17	Materials				
18	Outside Service Labor				
19					
20					
21					
22					
23					
24					
25					
26	Sales Expenses				
27	Customer accounts expenses				
28	Administrative and general expenses				
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50	TOTAL COSTS AND EXPENSES	0	0	0	0
51	Net Profit (or loss)	0	0	0	77,305

SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) R.E.A. Cooperatives, and (5) Other Public Authorities. For each sale designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, G, and place and "x" in column (c) if sale involves export across a state line.

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to: (a)	Statistical Classification (b)	Export Across State Line (c)	Point of Delivery (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10	**NONE**							
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								

SALES FOR RESALE (Account 447) - Continued

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in column (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amounts entered in column (n) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Revenue (Omit Cents) Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges (m)	Other Charges (n)	Total (o)	Revenue per kwh (CENTS) (0.0000) (p)	Line No.
								1
								2
								3
								4
								5
								6
								7
								8
								9
NONE								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
	TOTALS:	0	0	0		0		42

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 56 particulars concerning interchange power transactions during the year.
2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A Cooperatives, and (7) Other Public Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.
3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased from (a)	Statistical Classification (b)	Across State Line (c)	Point of Receipt (d)	Sub Station (e)	Kw or Kva of Demand		
						Contract Demand (f)	Avg mo. Maximum Demand (g)	Annual Maximum Demand (h)
1	New York Power Authority	FP	X	ROLFE AVE. SUB.	RS	2,217	Monthly Maximum Demand	
2	Stonybrook Intermediate	O		ROLFE AVE. SUB.	RS	13,450		
3	Nuclear Mix 1 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	93		
4	Nuclear Mix 1 (Millstone)	O	X	ROLFE AVE. SUB.	RS	906		
5	Nuclear Project 3 (Millstone)	O	X	ROLFE AVE. SUB.	RS	1,960		
6	Nuclear Project 4 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	2,663		
7	Nuclear Project 5 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	329		
8	Project 6 (Seabrook)	O	X	ROLFE AVE. SUB.	RS	4,111		
9	Hydro Quebec	O	X	ROLFE AVE. SUB.	RS			
10	ISO OATT			ROLFE AVE. SUB.	RS			
11	System Power	DP		ROLFE AVE. SUB.	RS			
12	Berkshire Wind Power Coope	O		ROLFE AVE. SUB.	RS			
13	Ashuelot/Lower Robertson Hy	O	X	TOWN LINE				
14	Eagle Creek	O		TOWN LINE				
15	Hancock Wind	O		TOWN LINE		1,500		
16	Hydro Quebec Flow Rights	O	X			3,329		
17	ConEdison					2,500		
18	WYMAN SALE							
19	SOLAR RECS							
20	WEEKLY POWER							
21								
22								
23								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41	** Includes transmission and administrative charges and decommissioning							
42								

PURCHASED POWER (Account 555)
(EXCEPT INTERCHANGE POWER)

4. If receipt of power is at a substation indicate ownership in column (e), thus: respondent owned or leased, RS; seller owned or leased, SS.
5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (f). The number of kilowatts of maximum demand to be shown in columns (g) and (h) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (i) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).
6. The number of kilowatt hours purchased should be the quantities shown by the power bills.
7. Explain any amount entered in column (n) such as fuel or other adjustments.

Type of Demand Reading (i)	Voltage at Which Delivered (j)	Cost of Energy (Omit Cents) Kilowatt-Hours (k)	Capacity Charges (l)	Energy Charges	Other Charges (n) **	Total (o)	KWH (CENTS) (0.0000) (p)	Line No.
60 MINUTES	115 kv	14,264,676	110,085.56	88,393.92	495,977.20	$694,457	0.0487	1
60 MINUTES	115 kv	4,069,212	529,637.64	448,582.38	14,835.32	$993,055	0.2440	2
60 MINUTES	115 kv	814,658	18,185.01	3,731.14	59.13	$21,975	0.0270	3
60 MINUTES	115 kv	6,637,390	220,928.27	41,245.83	10,099.83	$272,274	0.0410	4
60 MINUTES	115 kv	14,353,186	475,825.99	89,193.05	21,840.42	$586,859	0.0409	5
60 MINUTES	115 kv	23,262,640	512,146.69	106,542.92	1,688.38	$620,378	0.0267	6
60 MINUTES	115 kv	2,869,824	65,051.57	13,143.80	208.30	$78,404	0.0273	7
60 MINUTES	115 kv	35,911,826	794,116.43	164,476.17	2,606.45	$961,199	N/A	8
					0.00	$0	N/A	9
							N/A	10
		65,594,000		3,025,988.43		$3,025,988	0.0461	11
60 MINUTES		4,121,720	888,460.00			$888,460	0.2156	12
60 MINUTES	115 kv					$0	N/A	13
60 MINUTES	115 kv	4,478,558		260,428.19	1,138.13	$261,566	N/A	14
60 MINUTES		8,193,688		367,791.03	1,974.99	$369,766	0.0451	15
			(87,061.00)		0.00	($87,061)	N/A	16
		4,395,182			322,464	$322,464		17
					(349,013)	($349,013)		18
					(983,544)	($983,544)		19
					80,355	$80,355		20
								21
								22
								23
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
	TOTALS:	188,966,560	3,527,376	4,609,517	(379,310)	7,757,582		42

INTERCHANGE POWER (Included in Account 555)

1. Report below the kilowatt-hours received and delivered during the year and the net charge or credit under interchange power agreements.
2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) R.E.A. Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "x" in column (b).
3. Particulars of settlements for interchange power shall be furnished in Part B, Details of Settlement for Interchange Power. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling, coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

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

Line No.	Name of Company (a)	Interchange Across State Lines (b)	Point of Interchange (c)	Voltage at Which Interchanged (d)	Kilowatt-hours Received (a)	Kilowatt-hours Delivered (f)	Kilowatt-hours Net Difference (g)	Amount of Settlement (h)
1	NEPEX				289,337,870	194,370,460	94,967,410	13,122,950.00
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12				TOTALS	289,337,870	194,370,460	94,967,410	13,122,950

B. Details of Settlement for Interchange Power

Line No.	Name of Company (i)	Explanation (j)	Amount (k)
13	NEPEX	Interchange Expense	12,667,049
14		NE Pool Expense	455,901
15			
16			
17			
18			
19			
20			
21		TOTAL	13,122,950

ELECTRIC ENERGY ACCOUNT

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

Line No.	Item (a)			Kilowatt-hours (b)
1	SOURCES OF ENERGY			
2	Generation			
3	Solar			5,270,291
4	Nuclear			
5	Hydro			
6	Other Diesel, Fuel Cell			1,071,237
7	Total Generation			6,341,528
8	Purchases			188,966,560
9		(In (gross)	289,337,870	
10	Interchanges	< Out (gross)	194,370,460	
11		(Net (Kwh)		94,967,410
12		(Received	0	
13	Transmission for/by others (wheeling)	< Delivered	0	
14		(Net (Kwh)		
15	**TOTAL**			**290,275,498**
16	DISPOSITION OF ENERGY			
17	Sales to ultimate consumers (including interdepartmental sales)			275,704,445
18	Sales for resale			0
19	Energy furnished without charge (station use)			0
20	Energy used by the company (excluding station use):			
21	Electric department only			1,309,379
22	Energy losses			
23	Transmission and conversion losses			
24	Distribution losses			
25	Unaccounted for losses	4.57%	13,261,674	
26	Total energy losses			13,261,674
27	Energy losses as percent of total on line 15			
28			**TOTAL**	**290,275,498**

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.
2. Monthly peak col. (b) should be respondent's maximum kw load as measured by the sum of its coincidental net generation and purchase plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak including such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.
3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated.)
4. Monthly output should be the sum of respondent's net generation and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 15 above.
5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

Town of 0

Line No.	Month (a)	Monthly Peak Kilowatts (b)	Day of Week (c)	Day of Month (d)	Hour (e)	Type of Reading (f)	Monthly Output (kwh)
29	JAN	48,846	Tues	11	20:00	60 min	28,006,347
30	FEB	45,080	Tues	15	20:00	60 min	23,863,635
31	MAR	41,255	Tues	1	20:00	60 min	23,666,653
32	APR	33,955	Thur	7	21:00	60 min	20,265,234
33	MAY	50,176	Sun	22	21:00	60 min	22,272,606
34	JUNE	49,097	Sun	26	19:00	60 min	23,034,118
35	JULY	60,210	Thur	21	16:00	60 min	29,338,587
36	AUG	60,631	Tues	9	16:00	60 min	29,360,621
37	SEPT	42,056	Sun	4	21:00	60 min	21,599,856
38	OCT	34,518	Mon	3	19:00	60 min	20,790,578
39	NOV	39,722	Sun	20	20:00	60 min	21,947,281
40	DEC	44,921	Sat	24	17:00	60 min	26,129,982
41						**TOTAL**	290,275,498

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 Kw* 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 No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
		Peaking Plant	**CENTECH Peaker**	
1	Kind of plant (steam, hydro, int. com., gas turbine	IC	IC	
2	Type of plant construction (conventional,	FULL OUTDOOR	FULL OUTDOOR	
3	outdoor boiler, full outdoor, etc.)			
4	Year originally constructed	1969	2019	
5	Year last unit was installed	1978	2019	
6	Total installed capacity (maximum	13,750.00	2,500.00	
7	generator name plate ratings in kw)			
8	Net peak demand on plant-kilowatts (60 min.)	13,750	2,500	
9	Plant hours connected to load	64	139	
10	Net continuous plant capability, kilowatts:			
11	(a) When not limited by condenser water	NOT LIMITED	NOT LIMITED	
12	(b) When limited by condenser water			
13	Average number of employees	1	1	
14	Net generation, exclusive of station use	251,063	255,188	
15	Cost of plant (omit cents):			
16	Land and land rights	$4,737		
17	Structures and improvements			
18	Reservoirs, dams, and waterways			
19	Equipment costs	$3,403,978	$2,977,066	
20	Roads, railroads, and bridges			
21	**Total cost**	$3,408,715	$2,977,066	
22	**Cost per kw of installed capacity**	**$248**	**$1,191**	
23	Production expenses:			
24	Operation supervision and engineering			
25	Station labor			
26	Fuel	$136,573	$32,577	
27	Supplies and expenses, including water		$7,375	
28	Maintenance	$66,961		
29	Rents			
30	Steam from other sources			
31	Steam transferred -- Credit			
32	**Total production expenses**	**$203,534**	**$39,952**	
33	**Expenses per net Kwh (5 places)**	**0.8107**	**0.1566**	
34	Fuel: Kind			
35	Unit: (Coal-tons of 2,000 lb.) (Oil-barrels of 42			
36	gals.) (Gas-M cu. ft.) (Nuclear, indicate)	OIL	GAS	
37	Quantity (units) of fuel consumed	63,520 gallons	2,880 MCF	
38	Average heat content of fuel (B.t.u. per lb. of coal,			
39	per gal. of oil, or per cu. ft. of gas)	140000 BTU per gallon	1.032 MMBTU PER MCF	
40	Average cost of fuel per unit, del. f.o.b. plant	$2.588 per gallon	$0.9486 per therm	
41	Average cost of fuel per unit consumed	$2.142 per gallon	$0.9486 per therm	
42	Average cost of fuel consumed per million B.t.u.	$15.30 per MMBTU	$12.90 per MMBTU	
43	Average cost of fuel consumed per kwh net gen.	$0.1643 per kWh Net gen	$0.1187 per kWh Net gen	
44	Average B.t.u. per kwh net generation	10.84	12.833 btu per net gen	
45				
46				

GENERATING STATION STATISTICS (Large Stations) -- Continued

(Except Nuclear, See Instruction 10)

547 as shown on Line 24

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

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

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

Plant (e)	Plant (f)	Plant (g)	Plant (h)	Plant (I)	Plant (j)	Line No.
						1
						2
						3
						4
						5
						6
						7
						8
		NONE				9
						10
						11
						12
						13
						14
						15
						16
						17
						18
						19
						20
	$0	$0	$0	$0		21
	$0	**$0**	**$0**	**$0**		22
						23
						24
						25
						26
						27
						28
						29
						30
						31
$0.00	**$0.00**	**$0.00**	**$0.00**	**$0.00**		32
#DIV/0!	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**		33
						34
						35
						36
						37
						38
						39
						40
						41
						42
						43
						44
						45
						46

STEAM GENERATING STATIONS

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

Line No.	Name of Station (a)	Location of Station (b)	Number and Year Installed (c)	Boilers			
				Kind of Fuel and Method of Firing (d)	Rated Pressure in lbs. (e)	Rated Steam Temperature* (f)	Rated Max. Continuous M lbs. Steam per Hour (g)
2							
3							
4							
5							
6							
7							
8				**NONE**			
9							
10							
11							
12							
13							
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20							
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34							
35							
36							
37							

Note Reference:

* Indicates reheat boilers thusly, 1050/1000.

STEAM GENERATING STATIONS -- Continued

expenses or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

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

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

Turbine-Generators*

Year Installed (h)	Type (l)	Steam Pressure at Throttle p.s.l.g. (j)	R.P.M. (k)	Name Plate Rating in Kilowatts		Hydrogen Pressure**		Power Factor (p)	Voltage K.v.++ (q)	Station Capacity Maximum Name Plate Rating*+ (r)	Line No.
				At Minimum Hydrogen Pressure (l)	At Maximum Hydrogen Pressure (m)	Min. (n)	Max. (o)				
				NONE							1
											2
											3
											4
											5
											6
											7
											8
											9
											10
											11
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											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.

*+ Should agree with column (m).

HYDROELECTRIC GENERATING STATIONS

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

Line No.	Name of Station (a)	Location (b)	Name of Stream (c)	Water Wheels			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	*** NONE ***						
12							
13							
14							
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16							
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31							
32							
33							

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

HYDROELECTRIC GENERATING STATIONS -- Continued

percent of ownership by respondent, name of co-owner basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Water Wheels -- Continued			Generators							
Design Head (h)	R.P.M. (l)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Fre-quency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Station (p)	Total Installed Generating Capacity in Kil-owatts (name plate ratings) (q)	Line No.
		*** NONE ***								1
										2
										3
										4
										5
										6
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										11
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										31
										32
										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-

Line No.	Name of Station (a)	Location of Station (b)	Prime Movers: Diesel or Other Type Engine (c)	Prime Movers: Name of Maker (d)	Prime Movers: Year Installed (e)	Prime Movers: 2 or 4 Cycle (f)	Prime Movers: Belted or Direct Connected (g)
1	Peaking Plant	Off Rt. 9	Diesel	Electromotive	1969	2	Direct
2							
3	Peaking Plant	Off Rt. 9	Diesel	Electromotive	1975	2	Direct
4							
5	Peaking Plant	Off Rt. 9	Diesel	Electromotive	1978	2	Direct
6							
7	Centech Gas	Centech Blvd.	Natural Gas	Milton Cat	2019		Direct
8	Generator						
9							
10							
11							
12							
13							
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16							
17							
18							
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37							
38							
39							

COMBUSTION ENGINE AND OTHER GENERATING STATIONS - Continued

(except nuclear stations)

ship by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.
4. Designate any generating station or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.
5. Designate any plant or equipment owned, not operated and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Prime Movers -- Continued			Generators						
Rated hp. of Unit (h)	Total Rated hp. of Station Prime Movers (l)	Year Installed (j)	Voltage (k)	Phase (l)	Frequency or d.c. (m)	Name Plate Rating of Unit in Kilowatts (n)	Number of Units in Station (o)	Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
3,600	7,200	1969	4,160	3 PH	60	2,750	2	5,500	1
3600	7200	1975	4160	3 PH	60	2750	2	5500	2
3600	7200	1978	4160	3 PH	60	2750	1	2750	3
3448	3448	2019	13800	3 PH	60	2500	1	2500	4
									5
									6
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									38
					TOTALS			5,500	39

GENERATING STATION STATISTICS (Small Stations)

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 Commission, 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 No.	Name of Plant (a)	Year Const. (b)	Installed Capacity Name Plate Rating - KW (c)	Peak Demand KW (60 Min.) (d)	Net Generation Excluding Station Use (e)	Cost of Plant (Omit Cents) (f)	Plant Cost Per KW Inst. Capacity (g)	Production Expenses Exclusive of Depreciation and Taxes (Omit Cents)			Kind of Fuel (k)	Fuel Cost Per KWH Net Generation (Cents) 0 (l)
								Labor (h)	Fuel (l)	Other (j)		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	*** NOT APPLICABLE ***											
15												
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17												
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22												
23												
24												
25												
26												
27												
28	TOTALS											

TRANSMISSION LINE STATISTICS

Report information concerning transmission line as indicated below.

Line No.	Designation From (a)	Designation To (b)	Operating Voltage (c)	Type of Supportive Structure (d)	Length (Pole Miles) On Structures of Line Designated (e)	Length (Pole Miles) On Structures of Another Line (f)	Number of Circuits (g)	Size of Conductors and Material (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
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45								
46								
47								
48								
49								
50								
51				TOTALS	0		0	

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

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve but one industrial or street railway customer should not be listed hereunder.
3. Substations with capacities of less that 5000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended.
5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.
6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses of other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner or other party is an associated company.

Line No.	Name and Location of Substation (a)	Character of Substation (b)	Voltage			Capacity of Substation in kva (In Service) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	Conversion Apparatus and Special Equipment		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of Equipment (i)	Number of Units (j)	Total Capacity (k)
1	ROLFE AVE SUBSTATION	DISTRIBUTION	115	13.8		112	2				
2		UNATTENDED	kV	kV							
3											
4	LOGAN SUBSTATION	DISTRIBUTION	69	13.8	4.60	66	2				
5		UNATTENDED	kV	kV	kV						
6											
7	JOHNSON SUBSTATION	DISTRIBUTION	13.8	4.16		13	2				
8		UNATTENDED	kV	kV							
9											
10	PEAKING PLANT	POWER SUPPLY	4.16	13.8		19	2				
11		UNATTENDED	kV	kV							
12											
13	JOHNSON SUBSTATION	DISTRIBUTION	69	13.80		93	2				
14		UNATTENDED	kV	kV							
15											
16	ROLFE AVE SUB DISTRIBU	DISTRIBUTION	115	13.80							
17		UNATTENDED	kV	kV		100	2				
18											
19	CENTECH SUBSTATION	DISTRIBUTION	115	14		120	2				
20		UNATTENDED	kV	kV							
21											
22											
23											
24											
25											
26					TOTALS	522	14	0			

OVERHEAD DISTRIBUTION LINES OPERATED

Line No.		Length (Pole Miles)		
		Wood Poles	Steel Towers	Total
1	Miles - Beginning of Year	191.46		191.46
2	Added During Year	61.00		61.00
3	Retired During Year	61.00		61.00
4	Miles - End of Year	191.46		191.46
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ELECTRIC DISTRIBUTION SERVICES, METERS AND LINE TRANSFORMERS

Line No.	Item	Electric Services	Number of Watt-hour Meters	Line Transformers	
				Number	Total Capacity (kva)
16	Number at beginning of year:	15,529	19,285	4,477	228,704
17	Additions during year				
18	Purchased		190		
19	Installed	24	326		
20	Associated with utility plant acquired				
21	Total Additions	24	516	0	0
22	Reductions during year:				
23	Retirements	10	3,717	45	2,966
24	Associated with utility plant sold				
25	Total Reductions	10	3,717	45	2,966
26	Number at end of year	15,543	16,084	4,432	225,738
27	In stock		391	378	31,789
28	Locked meters on customers' premises				
29	Inactive transformers on system				
30	In customers' use		15,693	4,054	193,949
31	In company's use		16	10	
32	Number at end of year		16,100	4,442	225,738

CONDUIT, UNDERGROUND CABLE AND SUBMARINE CABLE - (Distribution System)

Report below the information called for concerning conduit, underground cable, and submarine cable at end of year.

Line No.	Designation of Underground System	Miles of Conduit Bank (All Sizes and Types)	Underground Cable		Submarine Cable	
			Miles *	Operating Voltage	Feet *	Operating Voltage
	(a)	(b)	(c)	(d)	(e)	(f)
1	5 KV System	19.24	27.56	4160.00		
2						
3	15 KV System	103.510	142.30	13800		
4						
5						
6						
7						
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32						
33						
34						
49	TOTALS	122.75	169.86			

*indicate number of conductors per cable

STREET LAMPS CONNECTED TO SYSTEM

Line No.	City or Town	Total	Type							
			Incandescent		LED Streetlights		PWED's		High Press. Sodium	
			Municipal	Other	Municipal	Other	LED	METAL HALIDE	Municipal	Other
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Shrewsbury									
2	100W	81	18	0	58	0	0	0	5	0
3	175W	183	183	0	0	0	0	0	0	0
4	400W	95	95	0	0	0	0	0	0	0
5	70W	111	7	0	0	0	0	0	104	0
6	250W	43	43	0	0	0	0	0	0	0
7	39W	2,431	0	0	2,431	0	0	0	0	0
8	47W	57	0	0	57	0	0	0	0	0
9	53W	95	0	0	95	0	0	0	0	0
10	83W	26	0	0	26	0	0	0	0	0
11	95W	135	0	0	135	0	0	0	0	0
12										
13										
14										
15										
16										
17										
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51										
52	TOTALS	3,257	346	0	2802	0	0	0	109	0

Next Page is 79

RATE SCHEDULE INFORMATION

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

Effective Date	M.D.P.U. Number	Rate Schedule	Estimated Effect on Annual Revenues	
			Increases	Decreases
		See Attached 2022 Rate Schedules		

THIS RETURN IS SIGNED UNDER THE PENALTIES OF PERJURY

.... Mayor

.... Manager of Electric Light

Christopher Roy

)

.... |

Michael Refolo |

.... |

Robert Holland |

.... > Selectmen or Members of the Municipal Light Board

Anthony Trippi |

..... |

Maria Lemieux |

.... |

Matthew Beaton |

....)

SIGNATURES OF ABOVE PARTIES AFFIXED OUTSIDE THE COMMONWEALTH OF MASSACHUSETTS MUST BE PROPERLY SWORN TO

.... SS .... 20 .....

Then personally appeared ....

....

....

....

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

.... Notary Public or Justice of the Peace

INDEX

PAGES INTENTIONALLY OMITTED : 9, 13, 23 TO 36, 80

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

Residential Rate (R)

Bill Code 1R

Effective Sept. 1, 2022

MDPU # 170
(Cancels MDPU # 165)

Availability - Service under this rate is available to all residential customers for all domestic uses in private residences or individual apartments of multiple dwellings.

Rate:

Customer Charge	$ 11.55 per month
Distribution Charge	$ 0.0412 per kWh
Transmission Charge	$ 0.0263 per kWh
Generation Charge	$ 0.0660 per kWh
NYPA Credit	(see below)
Generation and Transmission Adjustment	(see below)

Multiple Dwelling - When separate metering or service to individual apartments of multiple dwellings is impracticable, service may be furnished through a single meter but the kWh in each block and the Customer Charge will be multiplied by the number of dwellings connected.

Minimum Bill – Shall be equal to the Customer Charge.

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

NYPA Credit – is the savings as determined by SELCO from time to time, passed on to residential customers and is the result of low cost, federally licensed hydroelectric power projects in the State of New York that we receive power from.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

Municipal Service Rate (M-1)

Bill Code 8M1

Effective Sept. 1, 2022 **MDPU # 171**

(Cancels MDPU # 166)

Availability:

Service under this rate is available only to the Town of Shrewsbury for any municipal use.

Rate:	Customer Charge	$ 12.00 per month
	Distribution Charge	$ 0.0347 per kWh
	Transmission Charge	$ 0.0207 per kWh
	Generation Charge	$ 0.066 per kWh
	Generation and Transmission Adjustment	(see below)

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

General Service Rate (GS-2)

Bill Code 7GS2

Effective Sept. 1, 2022 **MDPU #172**
(Cancels MDPU # 167)

Availability:

Service under this rate is available for all uses by commercial or industrial customers with a 12 (twelve) month average peak demand of 200kW or greater.

A customer may be transferred from the GS-2 rate at the option of Shrewsbury's Electric Light Plant if the customer fails to meet the availability criteria.

No service will be furnished hereunder to a customer for resale in whole or in part within Shrewsbury's Electric Light Plant's service territory.

Character of Service:

120/240 volt single phase, 120/208, 240, 480, or 277/480, 4160 volt three phase and 13,800 volt three phase.

Rate:

Customer Charge	$ 120.00 per month
Distribution Charge	$ 0.0185 per kWh
Transmission Charge	$ 0.0191 per kWh
Generation Service Charge	$ 0.066 per kWh
Generation and Transmission Adjustment	(see below)
Demand Charge	$ 4.45/kW

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Demand Charge - the charge that recovers a portion of the cost of SELCO's local infrastructure that is needed to meet the customer's peak electricity needs.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

General Service Rate (GS-2)

Bill Code 7GS2

Effective Sept. 1, 2022 **MDPU #172**

(Cancels MDPU # 167)

Billing Demand - Maximum 15 minutes measured kW demand in the month, but not less than 80% of the maximum demand established during the preceding 11 months. A 15-minute demand established during the preceding 11 months before application of this rate will become the billing demand under this rate.

Power Factor Adjustment – SELCO may at its option, require the Customer to make such changes in equipment and/or operations as necessary to increase the Customer's power factor to a minimum of 90% lagging, or be billed 90% of the maximum 15 minutes measured KVA demand in the month to compensate for operation at the lower power factor.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Transformer Ownership and Primary Metering Discount - 3% discount when energy is metered at 4160 volt and above, and Shrewsbury's Electric Light Plant is not required to furnish the transformers.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

Residential Net Metered Rate (NR-1)

Bill Code NR-1

Effective Sept. 1, 2022 **MDPU # 173**
(Cancels MDPU #168)

Availability - Service under this rate is available to all residential customers for all domestic uses in private residences or individual apartments of multiple dwellings.

Rate:

Customer Charge	$ 11.55 per month
Distribution Charge	$ 0.0412 per kWh
Transmission Charge	$ 0.0263 per kWh
Generation Charge	$ 0.066 per kWh
Distribution Standby Charge	$ 2.50 per installed Kw AC
NYPA Credit	(see below)
Generation and Transmission Adjustment	(see below)

Multiple Dwelling - When separate metering or service to individual apartments of multiple dwellings is impracticable, service may be furnished through a single meter but the kWh in each block and the Customer Charge will be multiplied by the number of dwellings connected.

Minimum Bill – Shall be equal to the Customer Charge.

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

NYPA Credit – is the savings as determined by SELCO from time to time, passed on to residential customers and is the result of low cost, federally licensed hydroelectric power projects in the State of New York that we receive power from.

Distribution Standby Charge – is the charge to net metered installations to ensure that the cost of maintaining the electrical distribution system is shared fairly among all of SELCO's rate payers including those who have reduced their financial contribution towards these services by replacing some of the energy purchased from SELCO with energy generated by customer owned equipment. Customers with on-site generation continue to receive all of the services provided by the electric distribution system during times when it is required to supply electricity when the on-site generation is not available as well as times when the on-site generation is exported to the SELCO distribution system.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by SELCO

and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

General Service Net Metered Rate (NMGS-2)

Bill Code NMGS-2

Effective Sept. 1, 2022 **MDPU # 174**
(Cancels # 169)

Availability:

Service under this rate is available for all uses by commercial or industrial customers with a 12 (twelve) month average peak demand of 200kW or greater.

A customer may be transferred from the GS-2 rate at the option of Shrewsbury's Electric Light Plant if the customer fails to meet the availability criteria.

No service will be furnished hereunder to a customer for resale in whole or in part within Shrewsbury's Electric Light Plant's service territory.

Character of Service:

120/240 volt single phase, 120/208, 240, 480, or 277/480, 4160 volt three phase and 13,800 volt three phase.

Rate:

Customer Charge	$ 120.00 per month
Distribution Charge	$ 0.0185 per kWh
Transmission Charge	$ 0.0191 per kWh
Generation Service Charge	$ 0.066 per kWh
Generation and Transmission Adjustment	(see below)
Demand Charge	$ 4.45/kW
Distribution Recovery Charge	$ 2.00 per installed kW in excess of 50% of Billing Demand

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by

SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Demand Charge - the charge that recovers a portion of the cost of SELCO's local infrastructure that is needed to meet the customer's peak electricity needs.

Billing Demand - Maximum 15 minutes measured kW demand in the month, but not less than 80% of the maximum demand established during the preceding 11 months. A 15-minute demand established during the preceding 11 months before application of this rate will become the billing demand under this rate.

Power Factor Adjustment – SELCO may at its option, require the Customer to make such changes in equipment and/or operations as necessary to increase the Customer's power factor to a minimum of 90% lagging, or be billed 90% of the maximum 15 minutes measured KVA demand in the month to compensate for operation at the lower power factor.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Transformer Ownership and Primary Metering Discount - 3% discount when energy is metered at 4160 volt and above, and Shrewsbury's Electric Light Plant is not required to furnish the transformers.

Distribution Recovery Charge – is the charge to net metered installations to ensure that the cost of maintaining the electrical distribution system is shared fairly among all of SELCO's rate payers including those who have reduced their financial contribution towards these services by replacing some or all of the energy purchased from SELCO with energy generated by customer owned equipment. Customers with on-site generation continue to receive all of the services provided by the electric distribution system during times when it is required to supply electricity when the on-site generation is not available as well as times when the on-site generation is exported to the SELCO distribution system. For General Service customers, this charge is applied when the maximum system output of customer generation systems are greater than 50% of the customer's Billing Demand. The charge applies to the portion of the system maximum system output in kW that exceeds 50% of Billing Demand.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

Commercial Rate (C)

Bill Code 3C

Effective Sept. 1, 2022 **MDPU # 175**

(Cancels MDPU # 155)

Availability - Service under this rate is available for all uses by commercial and industrial customers.

Character of Service - Voltage available under this rate is 120/240 volt single phase, 120/208 volt three phase and 240, 480 volt, or 277/480 volt three phase.

Rate:	Customer Charge	$12.00 per month
	Distribution Charge	$0.04370 per kWh
	Transmission Charge	$0.02070 per kWh
	Generation Charge	$0.06600 per kWh
	Generation and Transmission Adjustment	(see below)

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is the cost to open and keep an electric account open, including metering and billing services. This charge is not dependent on the amount of electricity used.

Transmission Charge – is the utility's cost to move bulk electricity from the power plants over the transmission lines to the local substations. This charge is based on federally regulated charges.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the cost to deliver electricity to our customers. This charge covers the costs to build and maintain the local electric system including substations, transformers, poles, wires and other consumer services.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

Commercial Net Metered Rate (NC-1)

Bill Code NC

Effective Sept. 1, 2022 **MDPU # 176**

(Cancels MDPU # 160)

Availability - Service under this rate is available for all uses by commercial and industrial customers.

Character of Service - Voltage available under this rate is 120/240 volt single phase, 120/208 volt three phase and 240, 480 volt, or 277/480 volt three phase.

Rate:	Customer Charge	$12.00 per month
	Distribution Charge	$0.04370 per kWh
	Transmission Charge	$0.02070 per kWh
	Generation Charge	$0.06600 per kWh
	Generation and Transmission Adjustment	(see below)
	Distribution Standby Charge	$2.50 per installed kW

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is the cost to open and keep an electric account open, including metering and billing services. This charge is not dependent on the amount of electricity used.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the cost to deliver electricity to our customers. This charge covers the costs to build and maintain the local electric system including substations, transformers, poles, wires and other consumer services.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

Commercial Net Metered Rate (NC-1)

Bill Code NC

Effective Sept. 1, 2022 **MDPU # 176**

(Cancels MDPU # 160)

Distribution Standby Charge – is the charge to net metered installations to ensure that the cost of maintaining the electrical distribution system is shared fairly among all of SELCO's rate payers including those who have reduced their financial contribution towards these services by replacing some of the energy purchased from SELCO with energy generated by customer owned equipment. Customers with on-site generation continue to receive all of the services provided by the electric distribution system during times when it is required to supply electricity when the on-site generation is not available as well as times when the on-site generation is exported to the SELCO distribution system.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

General Service Rate (GS-1)

Bill Code 5GS

Effective Sept. 1, 2022 **MDPU # 177**

(Cancels MDPU # 157)

Availability:

Service under this rate is available for all uses by commercial or industrial customers with a 12 month average kWh of greater than 10,000 kWh and less than 200 kW/month demand.

A customer may be transferred from the GS-1 rate at the option of Shrewsbury's Electric Light Plant if the customer fails to meet the availability criteria.

No service will be furnished hereunder to a customer for resale in whole or in part within Shrewsbury's Electric Light Plant's service territory.

Character of Service:

120/240 volt single phase, 120/208, 240, 480, or 277/480, 4160 volt three phase and 13,800 volt three phase.

Rate:

Customer Charge	$ 50.00 per month
Distribution Charge	$0.02230 per kWh
Transmission Charge	$0.01950 per kWh
Generation Service Charge	$0.06600 per kWh
Generation and Transmission Adjustment	(see below)
Demand Charge	$ 4.45/kW

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by

SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Demand Charge - the charge that recovers a portion of the cost of SELCO's local infrastructure that is needed to meet the customer's peak electricity needs.

Billing Demand - Maximum 15 minutes measured kW demand in the month, but not less than 80% of the maximum demand established during the preceding 11 months. A 15-minute demand established during the preceding 11 months before application of this rate will become the billing demand under this rate.

Power Factor Adjustment – SELCO may at its option, require the Customer to make such changes in equipment and/or operations as necessary to increase the Customer's power factor to a minimum of 90% lagging, or be billed 90% of the maximum 15 minutes measured KVA demand in the month to compensate for operation at the lower power factor.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Transformer Ownership and Primary Metering Discount - 3% discount when energy is metered at 4160 volt and above, and Shrewsbury's Electric Light Plant is not required to furnish the transformers.

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

General Service Net Metered Rate (NMGS-1)

Bill Code NMGS-1

Effective Sept. 1, 2022 **MDPU # 178**
(Cancels MDPU # 161)

Availability:

Service under this rate is available for all uses by commercial or industrial customers with a 12 month average kWh of greater than 10,000 kWh and less than 200 kW/month demand.

A customer may be transferred from the GS-1 rate at the option of Shrewsbury's Electric Light Plant if the customer fails to meet the availability criteria.

No service will be furnished hereunder to a customer for resale in whole or in part within Shrewsbury's Electric Light Plant's service territory.

Character of Service:

120/240 volt single phase, 120/208, 240, 480, or 277/480, 4160 volt three phase and 13,800 volt three phase.

Rate:

Customer Charge	$ 50.00 per month
Distribution Charge	$0.02230 per kWh
Transmission Charge	$0.01950 per kWh
Generation Service Charge	$0.06600 per kWh
Generation and Transmission Adjustment	(see below)
Demand Charge	$ 4.45/kW
Distribution Recovery Charge	$ 2.00 per installed kW in excess of 50% of Billing Demand

Minimum Bill – shall be equal to the Customer Charge

Customer Charge – is a monthly fixed charge which applies to all customers. It is designed to recover costs related to metering, meter reading, billing and other administrative costs.

Transmission Charge – is the charge that recovers the cost to transport electricity from remote generating facilities where it is produced, to the SELCO service territory.

Generation Charge – is the cost for the electric power produced at power plants or purchased from the wholesale market. This charge covers the general categories of expenses including fuel or energy costs and capacity costs.

Distribution Charge – is the charge that recovers the cost of delivering electric power over SELCO's local distribution system to the customer's location.

Generation and Transmission Adjustment – is an adjustment, either a charge or a credit, to the Generation and Transmission Charges to reflect changes in the cost of power purchased by

Town of Shrewsbury Municipal Light Department

(AKA Shrewsbury Electric and Cable Operations - SELCO)

General Service Net Metered Rate (NMGS-1)

Bill Code NMGS-1

Effective Sept. 1, 2022 **MDPU # 178**

(Cancels MDPU # 161)

SELCO and transported to the SELCO service territory. The Generation and Transmission Adjustment will be calculated periodically in accordance with MDPU Schedule No. 179.

Demand Charge - the charge that recovers a portion of the cost of SELCO's local infrastructure that is needed to meet the customer's peak electricity needs.

Billing Demand - Maximum 15 minutes measured kW demand in the month, but not less than 80% of the maximum demand established during the preceding 11 months. A 15-minute demand established during the preceding 11 months before application of this rate will become the billing demand under this rate.

Power Factor Adjustment – SELCO may at its option, require the Customer to make such changes in equipment and/or operations as necessary to increase the Customer's power factor to a minimum of 90% lagging, or be billed 90% of the maximum 15 minutes measured KVA demand in the month to compensate for operation at the lower power factor.

Farm Discount - Customers who meet the eligibility requirements for being engaged in the business of agriculture or farming as defined in M.G.L. Chapter 128 Section 1a at their service location are eligible for an additional discount from their distribution service rates. The discount will be calculated as 10% of the customer's total bill for service provided by the company before application of this discount. Customers who meet the requirements of this section must provide the company with appropriate documentation of their eligibility under this provision.

Terms and Conditions - The Light Plant's terms and conditions in effect from time to time, where not inconsistent with this rate, are incorporated as part of this rate.

Transformer Ownership and Primary Metering Discount - 3% discount when energy is metered at 4160 volt and above, and Shrewsbury's Electric Light Plant is not required to furnish the transformers.

Distribution Recovery Charge – is the charge to net metered installations to ensure that the cost of maintaining the electrical distribution system is shared fairly among all of SELCO's rate payers including those who have reduced their financial contribution towards these services by replacing some or all of the energy purchased from SELCO with energy generated by customer owned equipment. Customers with on-site generation continue to receive all of the services provided by the electric distribution system during times when it is required to supply electricity when the on-site generation is not available as well as times when the on-site generation is exported to the SELCO distribution system. For General Service customers, this charge is applied when the maximum system output of customer generation systems are greater than 50% of the customer's Billing Demand. The charge applies to the portion of the system maximum system output in kW that exceeds 50% of Billing Demand.