

**Wakefield Municipal Gas and Light
Department
Board of Commissioners**



July 17, 2024

NOTICE OF MEETING
WAKEFIELD MUNICIPAL LIGHT & GAS DEPARTMENT
BOARD OF COMMISSIONERS

DATE: July 17, 2024
CALL TO ORDER: 6:30 P.M.
LOCATION: 480 North Ave, Wakefield, MA 01880

This meeting will be in person at 480 North Ave in Wakefield. The public is NOT required to physically attend this meeting. Every effort will be made to allow the public to view and or listen to the meeting in real time. Persons who wish to do so are invited to click on the following link

Register for the Zoom Meeting

https://us06web.zoom.us/meeting/register/tZlSfu6vrzgsGN3TpyNyQUD-12e3_Kf_h8_7

Please only use dial in or computer and not both as feedback will distort the meeting.

**WMGLD BOARD OF COMMISSIONERS MEETING
480 North Ave
Wakefield, Massachusetts 01880**

**July 17, 2024
6:30 PM
AGENDA**

A. **Call to Order**

B. **Opening Remarks**

Chair's Remarks – Sharon Daly
Commissioners Reports
Town Council Liaison Comments
Public Comments

C. **Secretary's Report**

1 Approval of June 17, 2024 Minutes

D. **Old Business**

1 Project Updates
 A. Energy Park
2 Kenneth J. Chase Jr Community Solar Project and
Dedication Update
3 Strategic Planning Discussion
4 State Grant Summary and Discussion.

E **New Business**

1 Town's Energy Reduction Plan

F **Any other matter not reasonably anticipated by the Chair**

G **Executive Session if necessary**

H **Adjournment**



JUNE 2024 WMGLD COMMISSIONER'S DASHBOARD

Outages (Elec)

	SAIFI	CAIDI
Apr	0.40	56
May	0.51	57
Jun	0.88	59
Cal YTD	0.51	52

CYTD Pipe Replacement

	Replaced	System Total
4"	1,310	169,041
6"	-	157,903
8"	-	84,789

New Services on the System

	Electric	Gas
Apr	1	-
May	5	1
Jun	4	-

Solar Generation 90 Customers

	Generated	Back to WMGLD
CYTD	1,199,191	535,946
Comm'l	10,668,133	2,489,500
Res	3,533,583	2,113,091
Inception	14,201,716	4,602,591

Monthly & Annual Peaks

	Prior Year	Current Year
Apr	22.3 Mw	23.8 Mw
May	22.0 Mw	28.3 Mw
Jun	32.3 Mw	41.2 Mw

Summer YTD Peak

Date	Peak
9/7/23	39.3 Mw
6/20/24	41.2 Mw

Winter YTD Peak

Date	Peak
2/3/23	27.7 Mw
1/7/24	26.5 Mw

All Time Peak

Date	Peak
1/2/14	36.5 Mw
8/2/06	50.7 Mw

CONSERVATION BUDGET

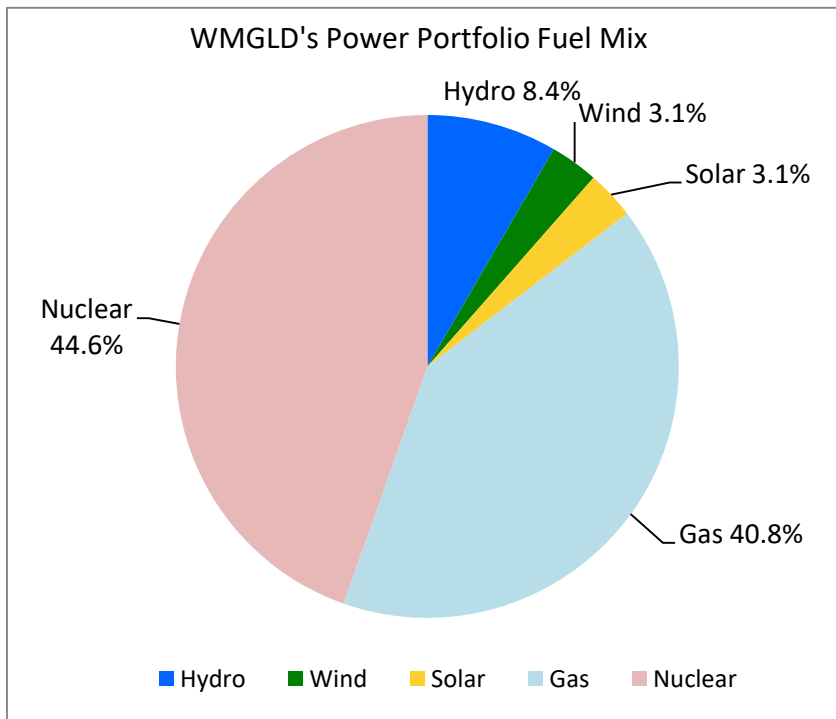
YTD FY24 Conservation Revenue Billed	\$	686,595
YTD FY24 Paid out to Customers:		
407 Appliances & Thermostats	\$	(25,901)
73 Air Sealing (insulation/windows)		(81,679)
104 Heating & Cooling		(126,328)
20 Residential Solar		(220,070)
126 Cordless Yard Equipment	\$	(10,448)

GREEN CHOICE RATE	Jun	CYTD
Green Choice Revenues	\$ 1,075	\$ 6,832
KwH billed on GC Rate	58,633	372,524
Number of Customers		108

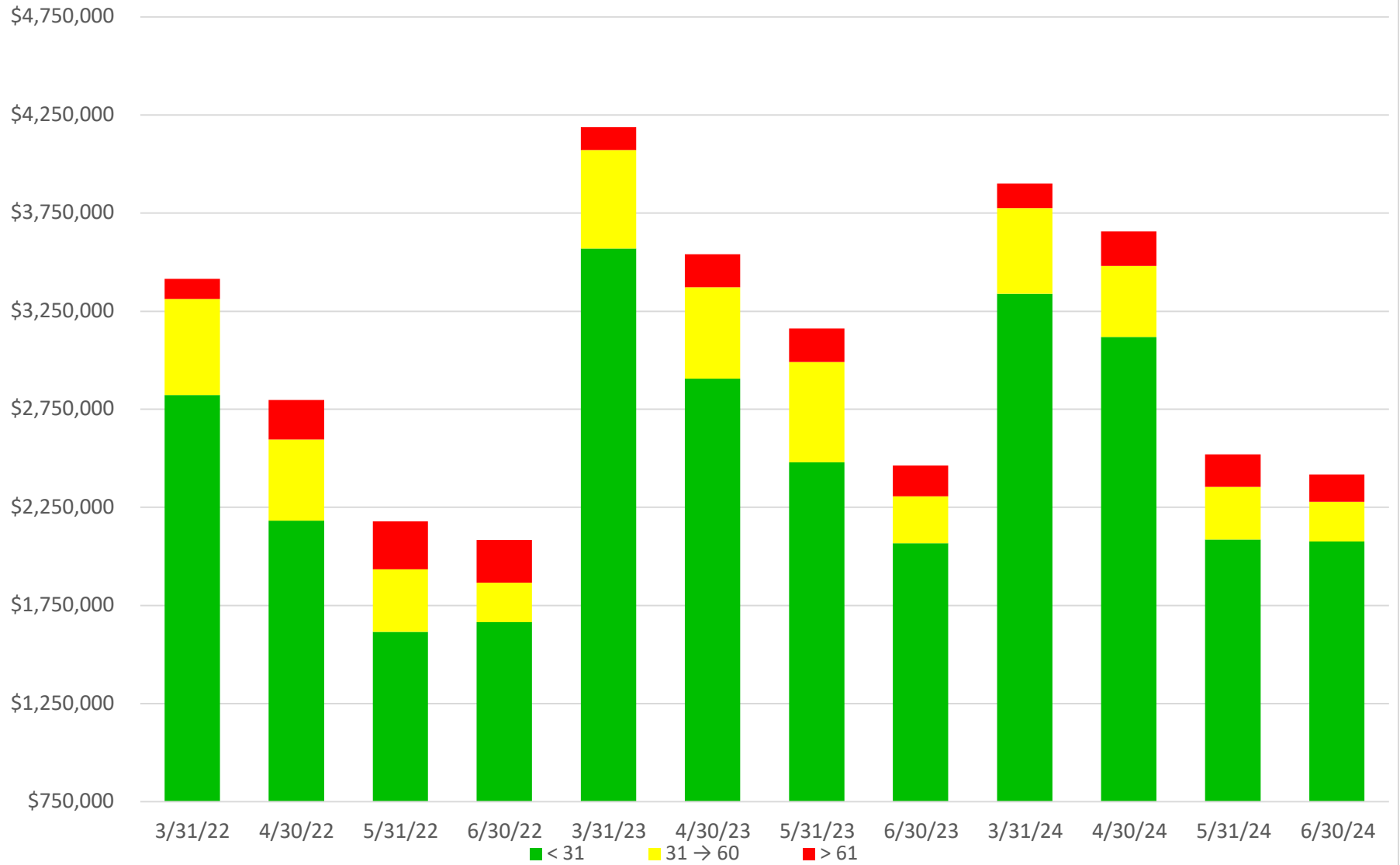
Natural Gas Peak Usage

Current Year Peak (Nov '23 → May '24)	1,069,156 CCF
Prior Year Peak (Nov '22 → May '23)	1,001,593 CCF
All-Time Peak - Jan '18	1,370,554 CCF

WMGLD's Power Portfolio Fuel Mix



Receivables Aging - As of June 30, 2024



COMMISSIONER REQUESTS LOG	Requested By	Request Date	Completion Date
Analysis on Gas Consumption since Moritorium and Heat Pump Program	JK	1/14/23	2/3/23
Webpage for Energy Park on our website	TB, JK	2/8/23	3/3/23
Create Separate Rates Tab on Website	JW, TB	3/8/23	3/29/23
Share Community Solar Design Spreadsheet	JW, TB	6/21/23	7/7/23
Presentation on ISO-NE Load Shedding Requirements	JW	9/6/23	In progress
Update Community Solar Powerpoint	JW, SD, TB	12/6/23	12/28/23
Update Grant Summary Sheet to Include Matching Funds	EP, JK	6/17/24	6/26/24

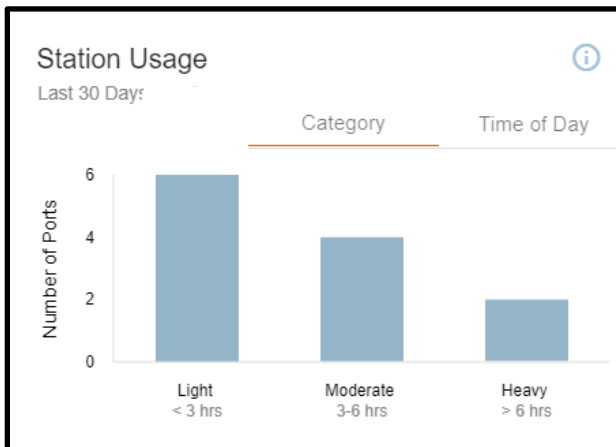
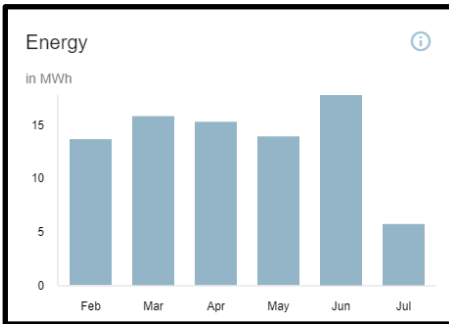
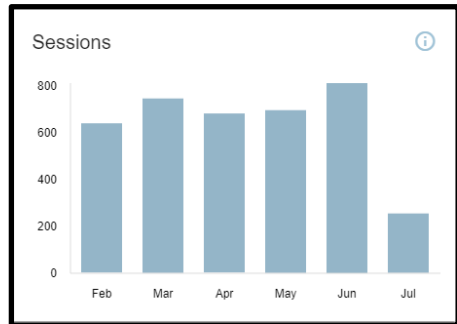
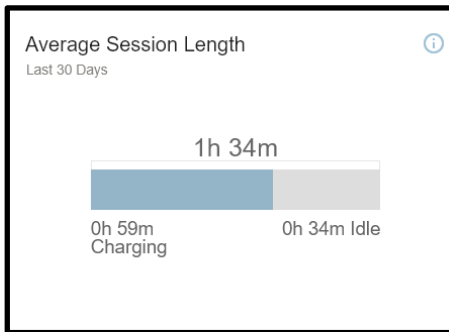
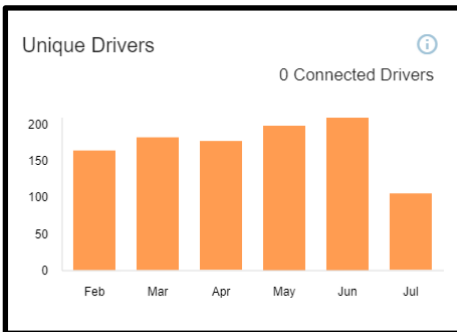
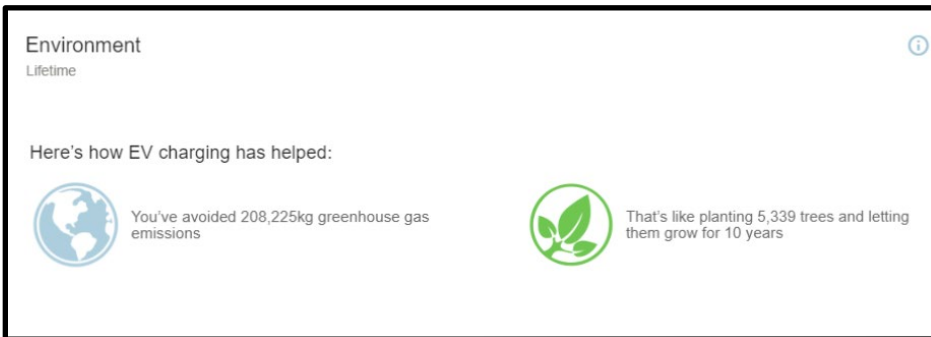
Wakefield Municipal Gas & Light Department
Customer Issues Log

Date	Issue	Resolution
January 26, 2024	Customer expressed dissaproval that gas could not be brought to her house. Customer has indicated an interest in joining WMGLD board meetings to learn more about why she cannot receive gas.	WMGLD has informed the customer that no new gas lines are being installed. The policy is in line with state and local decarbonization goals. WMGLD will answer any questions the customer has in open session.
April 5, 2023	Customer on Gumwood joined board meeting in regards to opposing an additional potential streetlight desired by customer who reached out in November 29, 2022 customer issue.	WMGLD informed customer that streetlight placement must be dealt with through the town, and that WMGLD has added LED lights to brighten current streetlighting on Gumwood.
February 15, 2023	Customer contacted board of commissioners and WMGLD management with concerns about increase in natural gas prices.	WMGLD met with the customer to discuss the driving factors that lead to gas supply rate. In addition, referred customer to November 2022 board meeting with our gas supplier.
January 24, 2023	Customer reached out with a service issue.	WMGLD is currently working to resolve this issue with customer.
November 29, 2022	Customer reached out with a concern about appropriate lighting of street lights on Gumwood.	WMGLD replaced streetlights with LEDs and was prepared additional street lights, however residents pushed back on this addition.

Electric Vehicle Charging Stations

Dashboard – June 2024

- Lincoln St. - level 3 (1 plug)
- Civic Center – Level 2 (2 plugs)
- Vets Field – Level 2 (2 plugs)
- Quannapowitt Pkwy @ Lowell St – Level 3 (2 plugs)
- North Ave Garage – level 2 (4 plugs)
- North Ave Garage – level 3 (1 plug)



EV Charging Stations				
Utility Billing and Town Revenue				
Jun-24				
Locations	Utility Billing	KWh	Town Revenue From Charge Point	KWh
Vets Field	\$232.93	1146	\$260.26	1157
Civic Center	\$193.37	879	\$197.67	879
Public Parking Lot	\$595.20	3000	\$1,042.33	2895
Totals	\$1,021.50	5025	\$1,500.26	4930
EV Charging Stations				
Usage and Revenue				
Jun-24				
Locations			Revenue From Charge Point	KWh
Quannapowitt			\$4,394.97	11038

General Manager's Report

The following is the General Managers Report for July, 2024

Engineering and Operations Report

Major New Customer Projects

Working:

- **610 Salem St.** – New 34 unit apartment building – Working
- **404 Lowell St.** – 8 Residential units – Working
- **330 Salem St.** – 19 Residential units – Working
- **200 Quannapowitt** – 440 Apartments / 3 buildings / parking garage – Working
 - **Building Demolition/Disconnect** – Q2- 2023 (Complete)
 - **WMGLD installing conduit on QP to meet customer installed MH** – Working
 - **Site contractor Installing 6 MHs, 3200' of ductback, 2 switch bases and 4 transformer foundations** - Working
 - **Temporary Power (construction)** – Q2/2024 (COMPLETED 5/23/2024)
 - **Permanent Power**
 - **Building 1** – 8/1/2025 64 units
 - **Building 3a** – 1/26/2026 160 units and garage
 - **Building 3b** – 4/20/2026 130 units
 - **Building 2** – 7/22/2026 86 units
 - **Full Occupancy:** Q3 2026
- **62 Foundry Street phase 2** – 55 unit condo complex and commercial space – Working
- **596 North Ave** – 38 Residential Apartments – Working
- **100 Nahant St** – 100 Units

Permitting:

- **97-99 Water St** – 5 Residential Apartments – Permitting Phase – ON HOLD
- **10 Broadway St.** - 124 Residential apartments – Permitting Stage
- **46 Crescent St.** - 56 Residential units – Permitting Stage
- **184 Water St** – 8 Residential units and commercial – Permitting

Planning:

- **369 – 371 Main St** – 20 residential apartments and rehab of the existing commercial space (former Santander Bank – on-hold)
- **460-472 Main St** – 16 residential apartments and commercial space (former Molise Building)
- **Albion St @ Lake St.** - 9 unit apartment building – Planning stage

- **127 Nahant St.** – 26 Residential units proposed – **Planning stage**
- **1000 Main Street** – 30 Residential units proposed – **Planning stage**
- **525-527 Salem St** – New 22-unit building – **On-Hold**
- **32 Nahant St** – 32 Units

Gas Department

- Gas main and services upgrades were in the Greenwood area is underway after the placing dead main was completed last month. Bids for the construction of the grant project work have been received and were higher than the original estimates, driven by the increased costs of labor and materials since the grant application in 2022. Work is still planned start by August.
- 782 meters were replaced so far this year with a target of 1191 for the year.
- There are currently 1796 inside gas services and 3392 outside services. 75 services have been moved outside this year.
- Leaks Class 1 – 0* Class 2 – 0 Class 3 –28

Financial Reports

Monthly Financials through May and Consumption Reports through June are enclosed.

Project Updates

Energy Park:

- **Bill H3995 – update: Signed by the Governor on November 14, 2023 – COMPLETE**
- **Town Council meeting – 12/11 to sign easement**
- **Conservation Commission - accepted easement on 1/2/2023**
- **Generator Bid: Awarded**
- **Switchgear Bid: Awarded**
- **Padmount switches : Awarded**
- **Finalizing the operating plan, design and engineering documents – Working**
- **Meetings with battery vendor Delorean and MMWEC to finalize contract language**
- **DPW Storm Water Advisory Board – Approval letter received 5/1/2024**
- **Site Clearing – (COMPLETED)**

NEMT:

- Meeting as needed with the NEMT design team and OPMs
- Poles and associated wire relocated to facilitate the construction of the access road – **COMPLETED**
- Temporary Services provided for construction trailers – **COMPLETED**
- Finalized the permanent utility service design – **COMPLETED**
- Solar design- working with Zapotec Energy and NEMT design team – **Completed**
- Procurement process for long lead time items – (3) Transformers – **Award 1/15/2024**
- Temporary construction power – **March 2024**
- Permanent power - **January 2026**
- Occupancy - **September 2026**
- Electric Service – Hemlock Road ductbank from Energy Park to point of interconnection – **Working**

WMHS:

- Meetings held bi-weekly with the WMHS design team and OPMs
- Working with design team on permanent power design – **WORKING**
- Solar design- working with Zapotec Energy and WMHS design team – **Completed**
- Procurement process for long lead time items – (3) Transformers – **Award 1/15/2024**

- Temporary service for construction of the new building – **July 2024**
- Permanent and emergency power for testing and commissioning: **2026**
- Substantial completion / occupancy: **Students and Staff January 2027**
- Electric Service – Hemlock Road ductbank from Energy Park to point of interconnection – **Working**

Major Projects:

Solar Projects:

- 480 North Ave. – **COMPLETE**

Convert remaining 2 MAT type enclosures to Padmount or OH construction

- Lowell at Vernon – Customer moved outage scheduled May 20th – **COMPLETE**
- 50 Audubon Rd - - scheduled Q3 2024

Electric Meter Inspections - Progress

- Residential – in progress 12,440 of 13,754 meters inspected, 90% complete
 - 2393 had missing or cut seals - 20% (list has been provided to Building Dept.)
 - 2039 have been re-inspected and new seals installed
 - 1 theft of current found
 - 1 meter & socket that needed immediate attention.
 - 4 customer services found in poor condition – pictures and information provided to wiring inspector and homeowner contacted
- Commercial – CT Testing: 92 of 149 locations inspected and tested, 61.7% completed

Pole replacements:

- Verizon replacing Poles & WMGLD crews transferring – On-going

Vegetation:

- Tree Trimming for 2024 scheduled to start February 2024 – Area 1 (East side / Montrose Area) – **Completed**
- Residential Tree Planting Program (Utility Friendly and Shade Trees) - 50 Residents signed-up - **WORKING**

Substations:

- **Beebe Substation** – Relay upgrades on main breakers and NGrid communications project - **Working**
- **Burns Station** – Remove remaining equipment (**COMPLETED**) and site remediation Q3 2024

Town Projects:

- **Vets Field Lighting** – Upgrade lighting at Vets field with LED fixtures and install secondary cable –**2024**

Summer Preparation, Monitoring & Load Balancing:

- Distribution transformer additions and replacements based on transformer load management – 15 locations identified – **WORKING**

Hurricane Preparation / Survey:

- Overheat circuit patrols: Evaluating wire, equipment, hardware, poles and vegetation – corrective action scheduled as needed - **Working**

Padmount Transformer and Switch Maintenance:

- As needed repairing rust, rot and repainting

Information for Discussion at this time

Board of Commissioners

July 17, 2024

Agenda Item No D-2

Community Solar Program

The solar array on the roof of 480 North Ave is in service. There have been multiple Community Solar Program Customer Information sessions held. The official start of the program was extended from April 1 to May 1. The program is fully subscribed.

Information for Discussion

Board of Commissioners

July 17, 2024

Agenda Item No. D-3

Strategic Planning

During the Strategic Planning Session on March 20, 2024, the draft goals were refined and initiatives were developed. The Commissioners and Staff have been reviewing. With a completed goal/initiative document, staff will create a timeline/roadmap for initiatives for the September meeting.

Information for Discussion

**Board of Commissioners
July 17, 2024
Agenda Item No. D-4**

State Grant Summary and Discussion

Enclosed is a data summary of the various grants the department has pursued and the various awards and statuses. The Town Council is seeking an estimate of the department's lost opportunities if the Town does not pass the Zoning By Law changes associated with the MBTA communities act. We have a summary of the grants we have received from the State over the past several years and a projection of some of the grants that will be available over the next several years. The Board will discuss a method of providing an estimate of the lost opportunities to the Town Council.

Information for Discussion

**Board of Commissioners
July 17, 2024
Agenda Item No. E-1**

Town of Wakefield Energy Reduction Plan

A detailed energy audit of the Dolbeare and Woodville schools was conducted on June 24. The audit firm is preparing a detailed report with options for the Town to consider ranging in scope. The report is expected by the end of August.

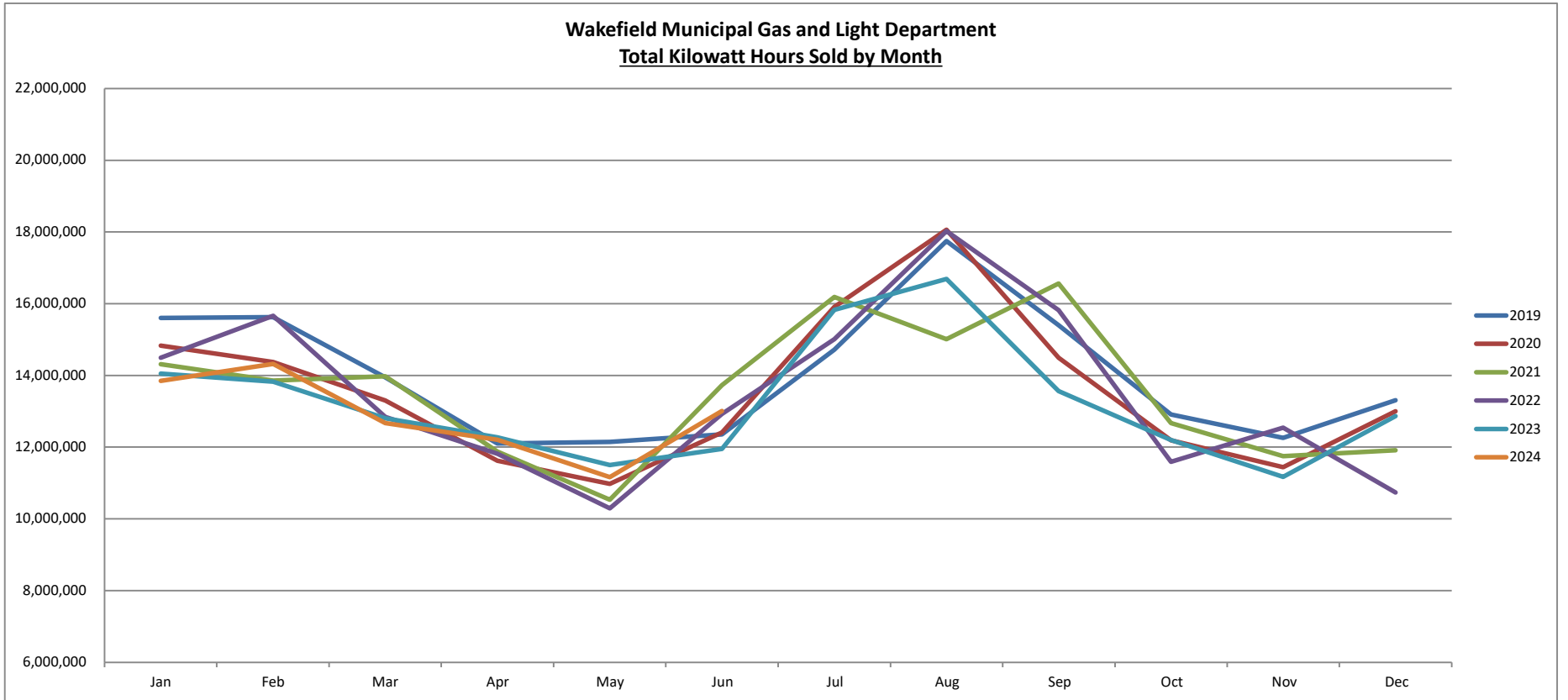
Information for Discussion

Executive Session- If necessary

APPENDICIES

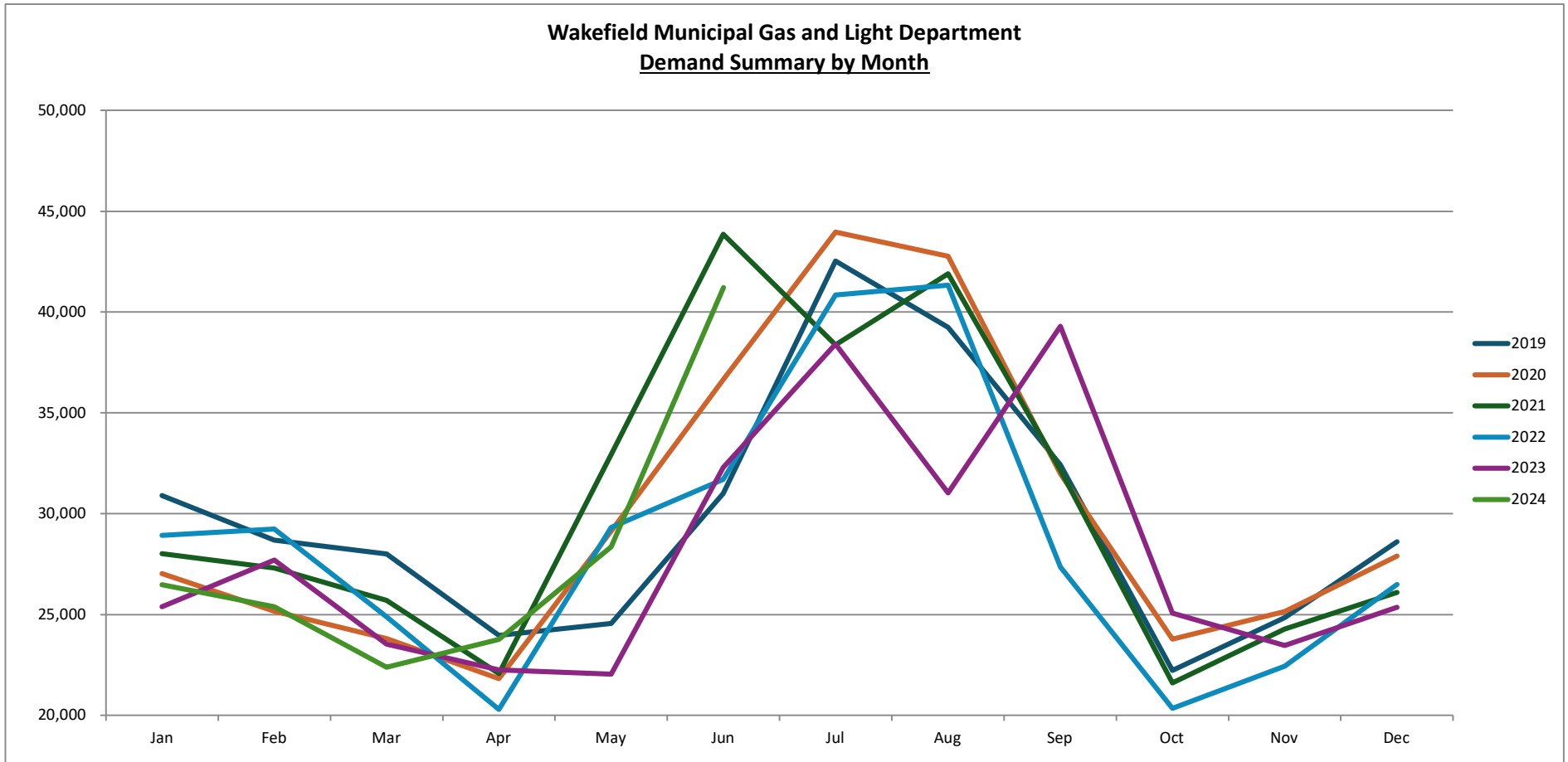
**Wakefield Municipal Gas and Light Department
Total Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Jun	Annual Total	Increase (Decrease)
2019	15,603,457	15,622,295	13,945,735	12,101,427	12,149,665	12,351,319	14,712,024	17,745,521	15,394,404	12,913,523	12,257,655	13,307,183	81,773,898	168,104,208	(6.0%)
2020	14,828,122	14,373,838	13,299,621	11,620,258	10,978,443	12,406,390	15,909,116	18,062,379	14,494,332	12,189,623	11,444,845	12,998,123	77,506,672	162,605,090	(3.3%)
2021	14,315,035	13,860,939	13,975,661	11,872,008	10,531,822	13,728,211	16,181,525	15,008,717	16,563,996	12,671,184	11,747,642	11,913,051	78,283,676	162,369,791	(0.1%)
2022	14,493,854	15,665,202	12,846,264	11,814,998	10,293,528	12,923,009	15,012,617	18,027,075	15,822,886	11,590,549	12,547,838	10,732,987	78,036,855	161,770,807	(0.4%)
2023	14,045,840	13,821,742	12,806,211	12,275,410	11,500,963	11,949,119	15,829,221	16,686,719	13,562,408	12,197,234	11,171,431	12,868,832	76,399,285	158,715,130	(1.9%)
2024	13,850,212	14,323,389	12,666,211	12,206,533	11,166,537	13,006,783							77,219,665	77,219,665	(51.3%)



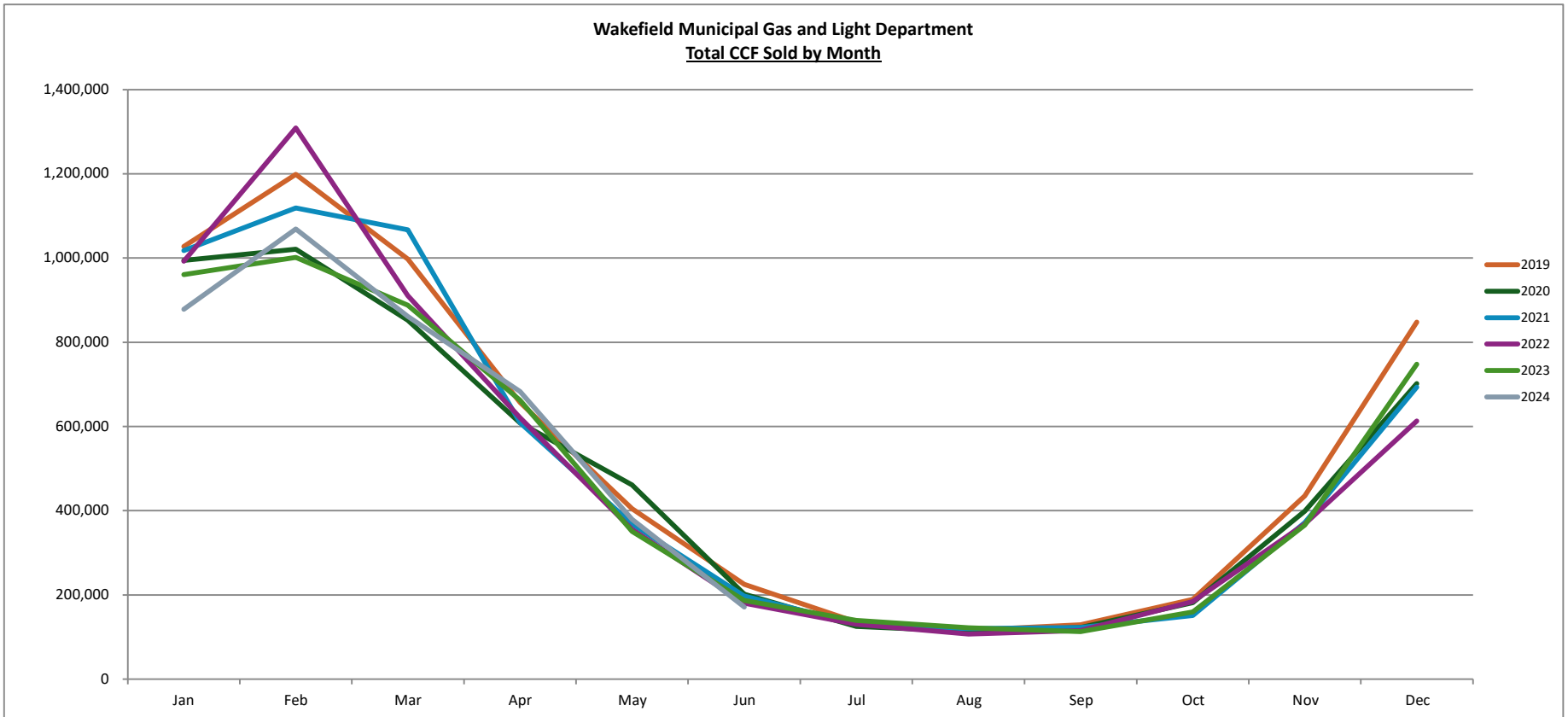
**Wakefield Municipal Gas and Light Department
Demand Summary by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Peak	Increase (Decrease)
2019	30,896	28,694	28,005	23,973	24,561	31,013	42,538	39,245	32,423	22,226	24,847	28,610	42,538	(3.3%)
2020	27,031	25,166	23,806	21,823	29,147	36,658	43,966	42,773	31,971	23,789	25,149	27,898	43,966	3.4%
2021	28,023	27,300	25,704	22,075	32,944	43,864	38,381	41,900	32,172	21,605	24,276	26,091	43,864	(0.2%)
2022	28,929	29,248	24,881	20,295	29,315	31,702	40,840	41,328	27,367	20,345	22,445	26,493	41,328	(5.8%)
2023	25,385	27,704	23,537	22,260	22,042	32,290	38,405	31,029	39,294	25,065	23,470	25,351	39,294	(4.9%)
2024	26,477	25,385	22,394	23,772	28,360	41,221							41,221	4.9%



**Wakefield Municipal Gas and Light Department
Total CCF Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Jun	Annual Total	Increase (Decrease)
2019	1,027,554	1,198,806	997,533	657,267	405,201	224,983	136,083	116,142	129,215	189,712	435,624	847,819	4,511,344	6,365,939	(2.4%)
2020	994,568	1,020,971	852,440	608,122	461,181	202,283	125,139	113,927	122,475	182,071	398,894	701,805	4,139,565	5,783,876	(9.1%)
2021	1,018,323	1,118,751	1,067,083	609,268	368,207	197,298	131,406	120,133	122,771	151,033	371,698	693,323	4,378,930	5,969,294	3.2%
2022	992,152	1,308,855	910,767	620,801	355,552	180,737	130,599	107,477	115,762	184,235	368,178	612,837	4,368,864	5,887,952	(1.4%)
2023	961,207	1,001,593	887,721	662,622	351,528	186,758	139,576	121,858	112,906	159,667	365,980	748,461	4,051,429	5,699,877	(3.2%)
2024	878,703	1,069,156	861,771	682,896	379,922	171,265							4,043,713	4,043,713	(29.1%)



**Wakefield Municipal Gas and Light Department
Comparative Balance Sheet - Electric Division**

	5/31/2023	5/31/2024
ASSETS		
Sinking Fund - Self Insurance	\$ 187,075.43	\$ 197,719.34
Depreciation Fund	185,802.95	190,514.63
Consumer Deposits	907,219.96	956,687.12
Total Investments	<u>1,280,098.34</u>	<u>1,344,921.09</u>
Operating Cash	12,574,328.40	21,429,204.18
Depreciation Fund	2,764.77	2,834.88
Consumer Deposits	306,590.61	338,344.06
Petty Cash	525.00	525.00
Total Cash	<u>12,884,208.78</u>	<u>21,770,908.12</u>
Accounts Receivable-Rates	3,748,362.13	3,525,891.37
Accounts Receivable-Other	1,471,669.69	1,222,976.88
Inventory	1,158,838.22	1,022,164.21
Prepayments Other	795,596.92	759,781.76
Prepayments Power	4,789,542.58	4,877,047.08
Other Deferred Debits	845,332.80	1,976,351.59
Total Other Assets	<u>12,809,342.34</u>	<u>13,384,212.89</u>
Total Current Assets	26,973,649.46	36,500,042.10
Distribution Plant	18,851,182.26	18,737,253.85
General Plant	1,642,452.85	1,497,989.82
Net Fixed Assets	<u>20,493,635.11</u>	<u>20,235,243.67</u>
Total Assets	<u><u>\$ 47,467,284.57</u></u>	<u><u>\$ 56,735,285.77</u></u>
LIABILITIES AND EQUITY		
Accounts Payable	\$ 170,725.07	\$ 209,132.69
Consumer Deposits	1,213,810.57	1,295,031.18
Other Accrued Liabilities	13,295.84	25,665.47
Reserve for Uncollectable Accounts	106,502.84	96,530.56
Total Current Liabilities	<u>1,504,334.32</u>	<u>1,626,359.90</u>
Compensated Absences	406,034.46	371,881.39
MMWEC Pooled Loan Debt	8,579,149.67	7,589,400.21
OPEB Liability	647,512.25	302,334.00
Pension Liability	6,425,250.00	7,528,500.00
Total Long Term Liabilities	<u>16,057,946.38</u>	<u>15,792,115.60</u>
Total Liabilities	17,562,280.70	17,418,475.50
Retained Earnings	12,944,976.77	14,970,237.70
Year to Date Income	1,816,049.63	8,338,079.19
Sinking Fund Reserve-Self Ins	187,075.43	197,719.34
Contribution in Aid of Construction	3,705,337.66	3,705,337.66
Investment in Fixed Assets	11,251,564.38	12,105,436.38
Total Equity	<u>29,905,003.87</u>	<u>39,316,810.27</u>
Total Liabilities and Equity	<u><u>\$ 47,467,284.57</u></u>	<u><u>\$ 56,735,285.77</u></u>

Wakefield Municipal Gas and Light Department
Budget vs Actual - Electric Division
For the Eleven Months Ending, May 31, 2024

	CURRENT MONTH	YEAR TO DATE		
	FY 2024	FY 2023	FY 2024	YTD Budget
Energy Revenue (Net of Discounts)				
Residential Sales	\$ 1,112,344.06	\$ 15,543,079.69	\$ 16,395,368.58	\$ 13,283,000.00
Commercial Sales	1,013,795.42	12,835,653.20	13,329,662.19	11,044,000.00
Street Lighting	15,678.00	172,453.00	172,453.00	172,453.00
Municipal Sales	117,560.87	1,431,607.26	1,504,488.46	1,239,000.00
Private Area Lighting	7,440.00	80,638.17	82,080.53	81,565.00
Green Choice Revenue	926.51	11,117.07	12,552.32	-
Total Energy Revenue	2,267,744.86	30,074,548.39	31,496,605.08	25,820,018.00
Other Revenues				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	4,167.70	21,358.17	47,074.80	45,833.00
Interest Income-Depreciation Fund	409.67	2,576.73	4,394.32	-
Interest Income-Self Ins Sinking Fund	918.94	6,511.08	9,828.36	-
Interest Income-MMWEC	10,203.44	30,749.66	85,482.45	-
Income (Exp) - Merchandise & Jobbing	28,072.23	(11,583.83)	246,829.49	55,000.00
Other Revenues-Temp Services	200.00	1,100.00	1,500.00	917.00
Sales Tax	52,974.67	673,429.72	709,779.73	641,667.00
Conservation Charge	46,956.57	549,860.05	629,503.87	638,000.00
Reconnect Fees	900.00	2,150.00	2,950.00	3,667.00
Comcast & RCN Pole Fees	13,565.71	119,222.54	127,368.28	110,000.00
Insurance Reimbursements	-	1,246.28	8,482.34	-
EV Chargers	3,619.82	50,707.77	37,603.92	-
Other Electric Revenue	20,476.87	251,015.03	212,726.68	183,333.00
Total Other Revenue	182,465.62	1,698,343.20	2,123,524.24	1,678,417.00
Total Revenue	2,450,210.48	31,772,891.59	33,620,129.32	27,498,435.00
Power Costs				
Purchased Power	(1,125,623.13)	(18,087,740.80)	(13,944,124.99)	(14,963,000.00)
Power Expense Generation	(1,743.74)	(77,824.85)	(21,440.17)	(475,248.00)
Power Expense Battery	(5,323.50)	(65,992.32)	(60,776.23)	(231,666.00)
Total Power Costs	(1,132,690.37)	(18,231,557.97)	(14,026,341.39)	(15,669,914.00)
Gross Profit	\$ 1,317,520.11	\$ 13,541,333.62	\$ 19,593,787.93	\$ 11,828,521.00
Operating Expenses				
Miscellaneous Operating Expenses				
Depreciation Expense	(199,186.90)	(2,412,496.37)	(2,133,110.40)	(2,084,401.00)
Sales Tax	(52,974.67)	(673,429.72)	(709,779.73)	(643,000.00)
Interest Expense-Consumer Deposits	(5,506.22)	(9,277.12)	(43,405.56)	(16,500.00)
Interest Expense-Sub + MMWEC	(13,145.45)	(181,996.50)	(151,320.85)	(150,645.00)
Total Misc Operating Expenses	(270,813.24)	(3,277,199.71)	(3,037,616.54)	(2,894,546.00)
Distribution Expenses				
Supervision and Engineering	(31,934.33)	(227,864.68)	(242,806.29)	(265,828.00)
Substation Salaries and Expense	(43,634.40)	(556,402.18)	(625,385.57)	(605,000.00)
Customer Installation Expenses	(496.74)	(6,542.70)	(6,923.75)	(22,917.00)
Distribution Operations Expense	(63,041.17)	(629,686.20)	(630,137.38)	(641,664.00)
Total Distribution Expenses	(139,106.64)	(1,420,495.76)	(1,505,252.99)	(1,535,409.00)

Wakefield Municipal Gas and Light Department
Budget vs Actual - Electric Division
For the Eleven Months Ending, May 31, 2024

	CURRENT MONTH	YEAR TO DATE		
	FY 2024	FY 2023	FY 2024	YTD Budget
Maintenance Expenses				
Supervision and Engineering	(18,912.00)	(210,335.93)	(227,193.30)	(220,000.00)
Maintenance of Station Equipment	-	(2,265.66)	(189.00)	(13,751.00)
Maintenance of Other Equipment	(3,510.00)	(1,662.44)	(4,879.15)	-
Maintenance of Overhead Lines	(78,019.09)	(1,235,297.83)	(1,502,818.61)	(1,274,167.00)
Maintenance of Underground Lines	-	(2,852.47)	-	(13,751.00)
Maintenance of Line Transformers	-	-	(6,700.00)	(9,167.00)
Maintenance of Street Lighting	-	-	-	(4,588.00)
Maintenance of Meters	(4,445.77)	(37,287.78)	(87,152.29)	(36,667.00)
Maintenance of Distribution Plant	(1,076.72)	(14,220.12)	(14,806.75)	(22,001.00)
Total Maintenance Expenses	(105,963.58)	(1,503,922.23)	(1,843,739.10)	(1,594,092.00)
Customer Account Expense				
Meter Reading Expense	(4,123.06)	(43,855.37)	(46,510.62)	(47,667.00)
Customer Records & Collection Exp	(95,059.04)	(915,824.17)	(902,235.97)	(962,500.00)
Total Customer Account Exp	(99,182.10)	(959,679.54)	(948,746.59)	(1,010,167.00)
Administrative and General Expenses				
Community Relations & Advertising	-	(590,957.91)	(76,991.94)	(91,667.00)
Administrative Salaries and Expense	(17,359.42)	(191,866.94)	(227,683.41)	(220,000.00)
Business Mgr, Office Salaries & Exp	(21,299.74)	(181,686.65)	(158,562.59)	(201,667.00)
MIS Salaries and Expense	(25,349.14)	(312,325.48)	(371,061.32)	(330,000.00)
Outside Services	-	(21,750.00)	(22,875.00)	-
Conservation & Rebates	(64,827.58)	(849,553.90)	(756,348.93)	(638,000.00)
Property & Liability Insurance, Damages	(14,056.53)	(125,509.26)	(123,002.29)	(132,917.00)
Employee Pensions and Benefits	(114,413.58)	(1,465,681.55)	(1,314,864.61)	(1,283,333.00)
General Administrative Expense	(176.81)	(53,001.37)	(36,595.68)	(330,000.00)
Maintenance of General Plant	(15,995.33)	(78,348.96)	(82,133.13)	(100,833.00)
Total Admin & General Expenses	(273,478.13)	(3,870,682.02)	(3,170,118.90)	(3,328,417.00)
Net Income (Loss) Before Surplus Adjustments	\$428,976.42	\$2,509,354.36	\$9,088,313.81	\$1,465,890.00
Surplus Adjustments				
Additions				
Sale of Scrap	-	19,209.15	19,656.48	18,333.00
MMWEC Refund	-	-	-	-
Total Additions to Surplus	-	19,209.15	19,656.48	18,333.00
Subtractions				
Interest on Sinking Fund	918.94	6,511.08	9,828.36	7,333.00
Payment in Lieu of Taxes	60,000.92	650,256.75	660,010.08	660,009.00
Plant Removal Costs	-	55,746.05	100,052.66	128,333.00
Total Subtractions from Surplus	60,919.86	712,513.88	769,891.10	795,675.00
Net Income (Loss)	\$ 368,056.56	\$ 1,816,049.63	\$ 8,338,079.19	\$ 688,548.00

**Wakefield Municipal Gas and Light Department
Comparative Balance Sheet - Gas Division**

	5/31/2023	5/31/2024
ASSETS		
Sinking Fund - Self Insurance	\$ 187,075.43	\$ 197,719.34
Consumer Deposits	102,637.69	115,004.51
Total Investments	<u>289,713.12</u>	<u>312,723.85</u>
Operating Cash	(20,760,866.90)	(21,786,395.46)
Consumer Deposits	208,118.31	215,497.49
Petty Cash	175.00	175.00
Total Cash	<u>(20,552,573.59)</u>	<u>(21,570,722.97)</u>
Accounts Receivable-Rates	1,181,037.54	923,986.12
Inventory	744,827.11	973,857.22
Prepayments Miscellaneous	99,280.70	101,484.27
Other Deferred Debits	276,115.18	652,599.74
Total Other Assets	<u>2,301,260.53</u>	<u>2,651,927.35</u>
Total Current Assets	(17,961,599.94)	(18,606,071.77)
Distribution Plant	25,615,646.20	26,507,959.35
General Plant	507,023.37	659,250.86
Net Fixed Assets	<u>26,122,669.57</u>	<u>27,167,210.21</u>
Total Assets	<u><u>\$ 8,161,069.63</u></u>	<u><u>\$ 8,561,138.44</u></u>
LIABILITIES AND EQUITY		
Accounts Payable	\$ 2,884.65	\$ 14,190.73
Consumer Deposits	310,756.00	330,502.00
Other Accrued Liabilities	3,785.09	8,176.22
Reserve for Uncollectable Accounts	106,502.84	96,530.56
Total Current Liabilities	<u>423,928.58</u>	<u>449,399.51</u>
Compensated Absences	250,058.31	206,684.73
OPEB Liability	215,836.75	100,778.00
Pension Liability	2,141,750.00	2,509,500.00
Total Long Term Liabilities	<u>2,607,645.06</u>	<u>2,816,962.73</u>
Total Liabilities	3,031,573.64	3,266,362.24
Retained Earnings	(18,446,691.79)	(21,449,604.81)
Year to Date Income (Loss)	(2,595,838.72)	287,799.00
Sinking Fund Reserve-Self Ins	187,028.83	197,719.34
Contribution in Aid of Construction	13,600.00	13,600.00
Investment in Fixed Assets	25,971,397.67	26,245,262.67
Total Equity	<u>5,129,495.99</u>	<u>5,294,776.20</u>
Total Liabilities and Equity	<u><u>\$ 8,161,069.63</u></u>	<u><u>\$ 8,561,138.44</u></u>

Wakefield Municipal Gas and Light Department
Income Statement - Gas Division
For the Eleven Months Ending, May 31, 2024

	CURRENT MONTH	YEAR TO DATE		
	FY 2024	FY 2023	FY 2024	YTD Budget
Energy Revenue (Net of Discounts)				
Residential Sales	\$ 537,687.45	\$ 9,105,821.83	\$ 8,391,861.31	\$ 9,962,000.00
Commercial Sales	145,481.92	2,712,755.07	2,353,893.75	3,154,000.00
Municipal Sales	37,914.27	988,739.21	878,111.49	994,000.00
Total Energy Revenue	721,083.64	12,807,316.11	11,623,866.55	14,110,000.00
Other Revenues				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	1,041.92	5,339.55	11,800.08	15,588.00
Interest Income-Self Ins Sinking Fund	918.94	6,511.09	9,750.42	-
Income from Merchandise & Jobbing	3,000.00	25,874.43	27,934.73	22,922.00
Special Gas Charges	-	7,289.26	4,000.00	9,167.00
Sales Tax	6,639.95	126,128.00	107,601.12	119,167.00
Reconnect Fees	250.00	100.00	250.00	-
Insurance Reimbursements	-	-	-	-
Other Gas Revenue	74.03	76,998.18	55,348.23	174,167.00
Total Other Revenue	11,924.84	248,240.51	216,684.58	341,011.00
Total Revenue	733,008.48	13,055,556.62	11,840,551.13	14,451,011.00
Cost of Gas Purchased	(154,750.55)	(10,972,184.67)	(6,834,279.53)	(8,955,000.00)
Gross Profit	\$ 578,257.93	\$ 2,083,371.95	\$ 5,006,271.60	\$ 5,496,011.00
Operating Expenses				
Miscellaneous Operating Expenses				
Depreciation Expense	(181,271.51)	(1,937,292.77)	(1,986,784.16)	(1,980,912.00)
Sales Tax	(6,639.95)	(126,128.00)	(107,601.12)	(119,167.00)
Interest Expense-Consumer Deposits	(1,376.56)	(2,319.28)	(10,851.39)	(4,583.00)
Total Misc Operating Expenses	(189,288.02)	(2,065,740.05)	(2,105,236.67)	(2,104,662.00)
Distribution Expenses				
Supervision and Engineering	(20,487.30)	(264,179.34)	(261,343.71)	(256,662.00)
Station Labor and Expenses	(17,672.09)	(241,529.64)	(191,877.68)	(256,667.00)
Mains and Service	(359.97)	36,553.12	(44,448.66)	(54,995.00)
Customer Installation Expenses	(12,358.55)	(204,576.64)	(200,368.80)	(220,000.00)
Miscellaneous Plant Expenses	(622.92)	(36,310.77)	(87,692.07)	(73,333.00)
Total Distribution Expenses	(51,500.83)	(710,043.27)	(785,730.92)	(861,657.00)
Maintenance Expenses				
Maintenance of Mains	(43,105.79)	(477,392.19)	(414,952.33)	(531,662.00)
Maint of Meters and House Regulators	(1,503.64)	(20,333.01)	(21,154.02)	(18,333.00)
Maintenance of Distribution Plant	(318.87)	(27,437.10)	(50,364.18)	(36,667.00)
Total Maintenance Expenses	(44,928.30)	(525,162.30)	(486,470.53)	(586,662.00)
Customer Account Expense				
Meter Reading Expense	(1,374.34)	(14,618.31)	(15,503.39)	(18,333.00)
Customer Record and Collection Expenses	(31,655.07)	(301,321.82)	(300,809.51)	(330,000.00)
Total Customer Account Expenses	(33,029.41)	(315,940.13)	(316,312.90)	(348,333.00)

Wakefield Municipal Gas and Light Department
Income Statement - Gas Division
For the Eleven Months Ending, May 31, 2024

	CURRENT MONTH	YEAR TO DATE		
	FY 2024	FY 2023	FY 2024	YTD Budget
Administrative and General Expenses				
Community Relations & Advertising	-	(7,514.50)	(11,487.77)	(13,745.00)
Administrative Salaries and Expense	(5,423.20)	(60,212.92)	(68,555.53)	(68,750.00)
Business Mgr, Office Salaries & Exp	(3,273.65)	(54,846.97)	(41,961.83)	(64,167.00)
MIS Salaries and Expense	(8,449.68)	(104,163.24)	(123,686.91)	(109,995.00)
Outside Services	-	(22,611.30)	(21,869.64)	(27,500.00)
Property & Liability Insurance, Damages	(3,832.17)	(31,200.79)	(31,059.44)	(34,833.00)
Employee Pensions and Benefits	(20,974.79)	(301,493.39)	(222,319.33)	(329,995.00)
General Administrative Expense	(52.10)	(17,201.68)	(15,092.77)	(91,667.00)
Maintenance of General Plant	(5,331.80)	(26,196.43)	(36,013.94)	(36,667.00)
Total Admin & General Expenses	(47,337.39)	(625,441.22)	(572,047.16)	(777,319.00)
Net Income (Loss) Before Surplus				
Adjustments	\$212,173.98	(\$2,158,955.02)	\$740,473.42	\$817,378.00
Surplus Adjustments				
Additions	-	-	-	-
Subtractions	-	-	-	-
Interest on Sinking Fund	918.94	6,511.09	9,828.37	7,346.00
Payment in Lieu of Taxes	20,000.33	216,752.25	220,003.67	220,004.00
Plant Removal Costs	-	213,620.36	222,842.38	68,754.00
Total Subtractions from Surplus	20,919.27	436,883.70	452,674.42	296,104.00
Net Income (Loss)	\$191,254.71	(\$2,595,838.72)	\$287,799.00	\$521,274.00

WMGLD Grant Summary - Past and Current Opportunities

Funding Opportunity	Fed/State	Agency/Org	Brief Description	Total Amount Available	Date Applied	Amount Applied	Amount Awarded	Cost Share Amount	Date Awarded	Notes
Massachusetts Electric Vehicle Incentive Program (Mass EVIP) Direct Current Fast Charging (DCFC) Program	State	MassDEP	Reduce greenhouse gas emissions through installation of public DC Fast Chargers in accessible locations.	\$86,600,000	4/29/2022	\$100,000	\$100,000	\$84,904.52	7/6/2022	To assist with the funding of two (2) DC Fast Chargers installed at the head of lake Quannapowitt.
Massachusetts Electric Vehicle Incentive Program (Mass EVIP) Direct Current Fast Charging (DCFC) Program	State	MassDEP	Reduce greenhouse gas emissions through installation of fleet charging stations to incentivize adoption of fleet EVs.	Rolling Annual	9/1/2022	\$46,423	\$46,423	Not required	10/24/2022	To assist with the funding of two (2) Level-2 chargers installed at the WMGLD facility at 480 North Ave.
National Gas Distribution Infrastructure Safety and Modernization Grant (FY2022)	Federal	DOT	Rehabilitate, enhance, or replace portions of gas systems to reduce incidents and fatalities and to avoid economic losses.	\$200,000,000	7/18/2022	\$1,275,059	\$1,275,059	Not required	4/5/2023	Water and Crescent Street cast iron pipe replacement project. Awarded total amount, project to beginning Summer 2024.
Demonstration of Energy & Efficiency Developments (DEED)	?	APPA	Research and development program targeted to public power that funds pilots, new tech demonstrations, and other education initiatives to advance public power utilities.	Maximum \$125,000 per project	9/8/2022	\$125,000	\$125,000	Not required	11/9/2022	Applied for to help create an educational piece to the Energy Park Project. Integrate components of the Energy Park into WMHS and NEMT curriculum.
Energy Future Grants	Federal	DOE	Planning grant focused on overcoming the roadblocks of electrification and decarbonization with a special focus on low-income	\$27,000,000	11/5/2023	\$500,000	\$500,000 (Shared with 26 other municipalities)	Not required	4/3/2024	Group Application with 26 other municipalities. Work together to create easier pathways for low-income customers to participate in electrification and decarbonization. Littleton is the lead on this project.
Grid Resilience and Innovation Partnerships (Topic Area 1)	Federal	DOE	Grid Resilience - Infrastructure upgrades to electric system. Reduce risks and improve system adaptivity	\$10,500,000,000 (Total Between all Topic Areas)	4/16/2024	\$21,000,000 (\$8.1M - WMGLD Allocation)	Pending	\$7,000,000 (\$2.7M - WMGLD Allocation)	N/A	Group Application with 3 other municipalities including, Stowe Electric, Hyde Park, and Littleton Electric. Underground cable replacement and new circuit for Wallace Substation.
Grid Resilience and Innovation Partnerships (Topic Area 3)	Federal	DOE	Grid Innovation - Innovative project approaches on the transmission and distribution system leveraging advance DG and other technologies to create widescale expansion and renewable energy interconnection.	\$10,500,000,000 (Total Between all Topic Areas)	4/16/2024	\$176,000,000 (\$16.1M - WMGLD Allocation)	Pending	\$58,666,667 (\$5,366,667 - WMGLD Allocation)	N/A	Group application with 10 other municipalities. Various innovative projects including our Energy Park as well as solar projects paired with battery storage.
National Gas Distribution Infrastructure Safety and Modernization Grant (FY2024)	Federal	DOT	Rehabilitate, enhance, or replace portions of gas systems to reduce incidents and fatalities and to avoid economic losses.	\$200,000,000	6/20/2024	\$1,275,059	Pending	Not required	N/A	Applied for some pieces of prior application as well as additional sections to replace across town

WMGLD Grant Summary - Potential Opportunities (Sharon's Notes)

Funding Opportunity	Funding Cycle	Fed/State	Agency/Org	Brief Description	Total Program Funding Available	Amount Per Award	Posted NOFO	Application Deadline	Cost Share	Notification of Award	Eligible Entities	Notes
Charging and Fueling Infrastructure (CFI) Discretionary Grant Program	Round 2	Federal	DOT	Grants for EV charging and alternative fueling infrastructure, including DC Level 3 or AC Level 2 chargers that are publicly-accessible and/or along designated Alternative Fuel Corridors (AFCs).	\$1.3B (\$800M for new applications; \$521M for resubmitted applications)	\$500,000	5/30/2024	8/28/2024	20%	9/27/2024	- Unit of local governments - State or local authorities with ownership of publicly accessible transportation facilities (applies to Community Program only)	https://www.fhwa.dot.gov/environ/ment/cfi/
Energy Efficiency and Conservation Block Grant (EECBG) Program	Round 1	State	MA DOER	Grants for clean energy planning; clean energy community campaigns; energy manager seed funds; engineering and design for building decarbonization; and building envelope improvement projects.	\$1.6M	\$50,000 or \$75,000 (only for building envelope improvement projects)	5/30/2024	8/16/2024	Not required	???	All municipalities across MA	https://www.commbuys.com/bidDetail.sdo?docId=BD-24-1041-ENE01-ENE01-103737&external=true&parentUrl=close
Accelerating Clean Transportation (ACT) School Bus Fleet Deployment program	Round 1	State	MA CEC	Grants for depot upgrades and purchases of electric school buses and associated charging infrastructure.	???	Up to \$2M	4/22/2024	7/10/2024	Not required	July-August 2024	Public school districts and private school bus transportation contractors that are eligible under EPA's Clean School Bus Program.	https://www.masscec.com/program/accelerating-clean-transportation-act-school-bus-fleet-deployment?mc_cid=fb4e25fe57&mc_eid=8068f54502 https://driveelectric.gov/clean-bus-planning-awards?utm_medium=email&utm_source=govdelivery
Clean Bus Planning Awards (CBPA) program	Rolling	Federal	Joint Office of Energy & Transportation (JOET)	Technical assistance to develop comprehensive and customized fleet electrification transition plans.	???	CBPA is not an incentive program; rather, selected applicants will be allocated technical assistance resources by NREL.	2/20/2024	Rolling	Not required	Rolling	- State and local governmental entities providing bus service, including public school districts and charter schools. - Private school bus fleets with an active contractual agreement to serve a public school district. - Nonprofit school transportation associations.	
Clean Heavy-Duty Vehicle Grant Program	Round 1	Federal	EPA	Grants to cover the incremental cost of replacing a non-zero emission with a zero-emission heavy duty vehicle (Class 6/7); Eligible vehicles include: School Buses, Delivery Trucks, Utility Trucks, Bucket Trucks, Other box trucks, Refuse Haulers/Dump Trucks, and Class 6/7 Transit Buses.	\$932M	75% for School Buses and 33-65% for Other Vehicles of vehicle cost	4/24/2024	7/25/2024	25% for School Buses; 67-35% for Other Vehicles	November 2024	Municipalities and public-school districts	https://www.epa.gov/clean-heavy-duty-vehicles-program/clean-heavy-duty-vehicles-grant-program
Green Communities Competitive Grant Program	Block 2	State	MA DOER	Grants for constructing and implementing energy efficiency projects: Traditional, Prescriptive and Building Decarbonization projects	\$15M	\$225,000 for Traditional and Prescriptive projects; \$500,000 for Building Decarbonization projects	3/27/2024	10/18/2024	25% for Building Decarbonization projects only		Applicant must be a designated Green Community and meet the eligibility for Block 2 Grants.	https://www.commbuys.com/bidDetail.sdo?docId=BD-24-1041-ENE01-ENE01-100639&external=true&parentUrl=close
Low- and Moderate-Income Housing Decarbonization Grant Program	Amended 1/12/24	State	MA DOER	Grant funding for decarbonization retrofits of existing low- or moderate-income residential buildings.	\$50M		1/12/2024	2/16/24; 6/1/24; 12/1/24; 6/1/25; 12/1/25; 6/1/26; 12/1/26; 6/1/27	Not required?	Within 1 month of application due dates.	Applicant can be a private party, non-profit, municipality or other public entity.	https://www.commbuys.com/bidDetail.sdo?docId=BD-24-1041-ENE01-ENE01-95811&external=true&parentUrl=close

WMGLD Grant Summary - State Grants

Funding Opportunity	Funding Cycle	Fed/State	Agency/Org	Brief Description	Total Program Funding Available	Amount Per Award	Posted NOFO	Application Deadline	Cost Share	Notification of Award	Eligible Entities	Link
Energy Efficiency and Conservation Block Grant (EECBG) Program	Round 1	State	MA DOER	Grants for clean energy planning; clean energy community campaigns; energy manager seed funds; engineering and design for building decarbonization; and building envelope improvement projects.	\$1.6M	\$50,000 or \$75,000 (only for building envelope improvement projects)	5/30/2024	8/16/2024	Not required	TBD	All municipalities across MA	https://www.commbuys.com/bso/external/bidDetail.sdo?docId=BD-24-1041-ENE01-ENE01-103737&external=true&parentUrl=close
Accelerating Clean Transportation (ACT) School Bus Fleet Deployment program	Round 1	State	MA CEC	Grants for depot upgrades and purchases of electric school buses and associated charging infrastructure.	Unspecified	Up to \$2M	4/22/2024	7/10/2024	Not required	July-August 2024	Public school districts and private school bus transportation contractors that are eligible under EPA's Clean School Bus Program.	https://www.masscec.com/program/accelerating-clean-transportation-act-school-bus-fleet-deployment?mc_cid=fb4e25fe57&mc_eid=8068f54502
Green Communities Competitive Grant Program	Block 2	State	MA DOER	Grants for constructing and implementing energy efficiency projects: Traditional, Prescriptive and Building Decarbonization projects	\$15M	\$225,000 for Traditional and Prescriptive projects; \$500,000 for Building Decarbonization projects	3/27/2024	10/18/2024	25% for Building Decarbonization projects only	TBD	Applicant must be a designated Green Community and meet the eligibility for Block 2 Grants.	https://www.commbuys.com/bso/external/bidDetail.sdo?docId=BD-24-1041-ENE01-ENE01-100639&external=true&parentUrl=close
Low- and Moderate-Income Housing Decarbonization Grant Program	Amended 1/12/24	State	MA DOER	Grant funding for decarbonization retrofits of existing low- or moderate-income residential buildings.	\$50M		1/12/2024	2/16/24; 6/1/24; 12/1/24; 6/1/25; 12/1/25; 6/1/26; 12/1/26; 6/1/27	Not required	Within 1 month of application due dates.	Applicant can be a private party, non-profit, municipality or other public entity.	https://www.commbuys.com/bso/external/bidDetail.sdo?docId=BD-24-1041-ENE01-ENE01-95811&external=true&parentUrl=close
Massachusetts Electric Vehicle Incentive Program (Mass EVIP) Fleets	Rolling	State	MassDEP	Grants that provide incentives for public entities to buy or lease electric vehicles.	Unspecified	\$7,500/\$5,000 for purchase/lease of BEV, \$5,000/\$3,000 for purchase/lease of PHEV	7/11/2022	Rolling	Not required	Rolling	Municipal governments, public colleges/universities, and state agencies	https://massgov.formstack.com/forms/massevip_fleets_20
Massachusetts Electric Vehicle Incentive Program (Mass EVIP) Public Access Charging Program	Rolling	State	MassDEP	Provides incentives for property owners or managers with publicly accessible parking to acquire and install Level 1 and Level 2 EV charging stations.	\$200,000 minimum per MassDEP region	\$50,000 maximum per street address	9/6/2023	Rolling	Not required for government-owned properties, 20% for all other locations	Rolling	Public, private, and non-profit entities in MA	https://massgov.formstack.com/forms/massevip_pac_20
Massachusetts Electric Vehicle Incentive Program (Mass EVIP) Workplace and Fleet Charging Incentives	Rolling	State	MassDEP	Provides incentives for employers and fleet operators to acquire and install Level 1 and Level 2 EV charging stations.	Unspecified	\$50,000 maximum per street address	9/6/2023	Rolling	40%	Rolling	Private, public, or non-profit workplaces with at least 15 employees on site, and private, public or non-profit locations where fleet vehicles are garaged	MassEVIPWorkplace and Fleet (WPF) Charging Program Application - Formstack
Home Efficiency Rebates (HER) Municipal Light Plant Program	N/A	State	MA DOER	Proposing HER funds for customers in MLP communities without access to Mass Save. Specific focus on heat pump incentives and low-to-0% loans	\$22M	TBD	N/A	TBD	\$9.8M total cost match from MLPs	N/A	Targeting moderate income residents. DOER applied for federal funding for this program on 5/30/2024	https://www.mass.gov/doc/her-and-heat-straw-proposal-for-public-input/download
Massachusetts Solar for All Grant Program	N/A	State	MA DOER	Will fund five separate initiatives, including a residential 0% loan, residential solar lease, solar for public housing, solar for affordable housing, and low-income community solar	\$156M	TBD	Expected Fall 2024	TBD	TBD	N/A	TBD	https://www.mass.gov/info-details/massachusetts-solar-for-all-application-solar-for-all-application-overview

MGLD's Dion named to national council

LUDLOW — Wakefield Municipal Gas and Light Department (WMGLD) General Manager Peter Dion has been named to the national Electricity Subsector Coordinating Council (ESCC).

Dion is one of four public power representatives on the Council, chosen by the American Public Power Association. Other Council members represent the Edison Electric Institute (EEI) and the National Rural Electric Cooperative As-

sociation (NRECA). He was appointed to a three-year term.

The ESCC serves as the principal liaison between the federal government and the electric power industry on efforts to prepare for, and respond to, national-level disasters or threats to critical infrastructure. The ESCC works across the sector, and with the Electricity Information Sharing and Analysis Center (E-ISAC) to develop actions and strate-

gies that help protect the North American energy grid and prevent a spectrum of threats from disrupting service. The Council includes CEOs and executives from electric companies, public power utilities, and rural cooperatives, as well as their trade association leaders, representing all segments of the industry.

Through the ESCC, the industry works

closely with government, including senior administration officials from the White House, cabinet agencies such as the Department of Energy, federal law enforcement and national security organizations.

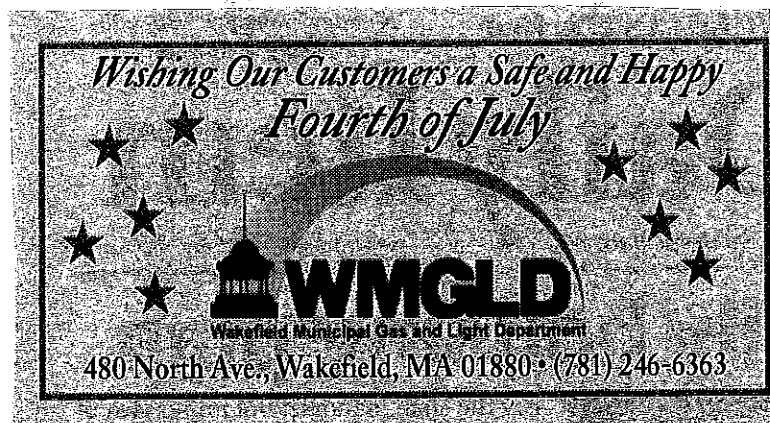
"I look forward to serving on the ESCC with my public power colleagues while we work to solve some of the biggest challenges in our industry," Dion said. "As we move to electrify and decarbonize our grid, utilities across the country are facing threats to reliability and

long-term grid resilience such as extreme weather and cyber incidents."

Dion has been general manager at WMGLD for 17 years. He has served as the President of the Massachusetts Municipal Wholesale Electric Company (MMWEC), the Commonwealth's designated joint action agency for municipal utilities, since 2009.

WMGLD, established in 1894, serves over 13,000 electric and gas customers in the Wakefield, Mass., community.

MMWEC is a not-for-profit, public corporation and political subdivision of the Commonwealth of Massachusetts created by an Act of the General Court in 1975 and authorized to issue tax-exempt debt to finance a wide range of energy facilities. MMWEC provides a variety of power supply, financial, risk management and other services to the state's consumer-owned, municipal utilities. It is the largest provider of asset-owned generation for municipal light departments in New England.



WMGLD: How to help reduce energy use during heat wave

WAKEFIELD - With high temperatures expected to continue through the week, Wakefield Municipal Gas & Light Department customers can do their part by reducing their energy consumption, especially between the hours of 3 p.m. and 8 p.m.

The WMGLD is asking customers to reduce the electrical load during these peak times by reducing or rescheduling the use of electricity whenever possible.

• Run appliances such as washing machines, dryers, ovens, and dishwashers in the

early morning or late at night.

• Use a microwave to cook, or a barbecue outside, if possible.

• Set your air conditioner thermostat no lower than 78 degrees. Each degree lower increases cooling costs by 6 percent.

• If you have a room air conditioner, close off the rooms not being used; if you have central air, close the vents in unused rooms.

• Turn off lights and other appliances, using a timer to turn them on as necessary.

• Keep cool with fans, air conditioning, and cool baths or showers. You can make your own air conditioner by placing a bowl of ice in front of a fan and letting it blow on you.

• When the temperature cools and you can open the windows, remember that window fans work best when blowing air out, so put your fan on the sunny side of the house and let it pull out the hot air while pulling cool air from open windows on the shady side.

• Keep shades or curtains pulled on the sunny side of the house.

When the temperatures and humidity levels are high:

• Remember to keep hydrated by drinking cool, nonalcoholic beverages.

• Dress in light, loose, cotton clothing. Natural fabrics like cotton are much cooler than most synthetics and loose-fitting clothes allow air to circulate, keeping you cooler.

• Avoid strenuous activity during the day. Stay indoors in a

cool environment if possible.

• Check on the elderly. Their bodies don't adjust as well as younger people to sudden changes in temperature.

It's also important to protect appliances and electronics from voltage instability caused by brownouts, lightning strikes, momentary power fluctuations and/or storm-related blackouts. Using Uninterruptible Power Supply (UPS) systems, surge protectors, and surge suppressors will best protect this equipment. These protection devices can be purchased locally.

"Even when the region is not in a heat wave, customers should continue to conserve electricity throughout the summer," WMGLD General Manager Pete Dion said. "We're doing our part by monitoring the electrical load, but we need your help."

Dion also encourages customers to sign up for the WMGLD's Connected Homes Program which helps the department better manage its electric load, reduce costs and keep rates

low. WMGLD customers who enroll in the Connected Homes program utilize the technology of their smart appliances and devices and agree to allow the department to make brief, limited adjustments to their devices during times of peak electric demand, such as temporarily reducing the charging rate of an electric vehicle during peak hours. Smart devices that may be enrolled through the WMGLD Connected Homes program include home batteries that store electricity, electric vehicle chargers, electric hot water heaters and mini-split controllers.

"If we all do our part and practice energy conservation, we can all stay cool during periods of high temperatures and humidity," he concluded.

For additional information about energy conservation and the Connected Homes Program, visit the WMGLD website, www.wmgld.com, or check out the WMGLD page on Facebook for any heat-related updates.

Comments

Let's keep it going

The Fourth of July celebration has always been an important one here in Wakefield. Generations have honored our nation's birthday with games, decorated bikes and wagons, races, songs, an awesome parade and spectacular fireworks over Lake Quannapowitt.

The two groups that bring us our Independence Day events need help keeping the endeavors alive.

The West Side Social Club's Fourth of July Committee puts on the morning kids' activities and comes back after the Wakefield Independence Day Committee's parade to present a concert on the Common before hosting fireworks to cap off the Fourth.

Apparently, some sort of issue developed this year with getting a fundraising drive going with the Municipal Gas and Light Department.

A spokesperson reported, "The WMLD graciously allows the West Side to insert mailing envelopes to each Wakefield household light bill that has been successful with collecting donations to support the Fourth.

"Unfortunately, there was a delay in getting the mailing envelopes out to the public which is causing a big delay in funds to make their way to the WSSC. The WMLD mailing began last week, but due to their weekly mailing schedule, it will be cutting it close for all donations to be collected.

"The WSSC is asking townspeople to kindly send in your donation directly to the WSSC 4th of July Committee at 4 Harrington Court, Wakefield, MA 01880 if you have not received a donation envelope in your electric bill.

"The expenses to keep this tradition ongoing escalate year after year, but donations have remained the same. It is vital to keep the donations coming so that this tradition can continue for years to come. The WSSC has been running very close with paying expenses since COVID.

"If any businesses can assist, please reach out to Carol Nicastro Hubbard at 617-947-3487 as soon as possible so that proper signage can be displayed on the Common.

"As always, the WSSC is very appreciative of all donations in any denomination that helps keep this wonderful celebration of our Nation's birthday alive. It's because of you that the Town of Wakefield stands out from surrounding com-

munities." The Wakefield Independence Day Committee puts on a very expensive parade beginning late in the afternoon. Donations to their cause can be made on-line by going to the group's website

or by pitching in July Fourth along the parade route. Everything these groups do is for us. Let's help them again in 2024.