

**Wakefield Municipal Gas and Light
Department**

Board of Commissioners



September 6, 2023

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

DATE: September 6, 2023
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 to register for the Zoom Meeting. Once you register for the meeting, you will be sent a link to join Zoom Meeting.

The meeting registration link is:

<https://us06web.zoom.us/meeting/register/tZEuduGgrzgoG9zBlKHwDw5TlByCuUlwke-q>

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

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

**September 6, 2023
6:30 PM
AGENDA**

- A. **Call to Order**

- B. **Opening Remarks**
 - Chair's Remarks – Jack Warchol
 - Commissioners Reports
 - Town Council Liaison Comments
 - Public Comments

- C. **Secretary's Report**
 - 1 Approval of July 19, 2023 Minutes

- D. **Old Business**
 - 1 Project Updates
 - A. Energy Park
 - 2 Facilities and Procurement Update – Sara Eriksen
 - 3 2023 Strategic Planning Discussion
 - 4 Community Solar Program Discussion

- E **New Business**
 - 1. 2023 Goals and Objectives Mid Year Update
 - 2. Discussion of NEPPA Annual Conference
 - 3. Environmental Sustainability Committee Representative

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

G **Executive Session-** If Necessary

H **Adjournment**



WMGLD
P.O. BOX 190 480 North Ave.
Wakefield, MA 01880
Tel. (781) 246-6363 Fax (781)
246-0419

Peter D. Dion, General Manager

John J. Warchol, Chair
Elton Prifti, Secretary
Thomas Boettcher
Jennifer Kallay
Sharon Daly

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

July 19, 2023

IN ATTENDANCE:

Comms., Chair Jack Warchol
Elton Prifti, Secretary
Jennifer Kallay
Thomas Boettcher
Sharon Daly

Peter Dion, General Manager, WMGLD
Mark Cousins, Finance Manager
Dave Polson, Engineering and Operations Manager
Vinnie McMahon, Senior System Engineer
Sylvia Vaccaro, Minute Secretary

PLACE:

**480 North Ave., Wakefield, MA
& ZOOM MEETING**

CALL TO ORDER:

Commr. Warchol called the meeting to order at 6:30 pm and advised the meeting was being recorded.

CHAIR REMARKS:

Commr. Warchol welcomed Commr. Sharon Daly to the Board.

COMMISSIONER REMARKS:

Commr. Boettcher remarked that he attended the tour of the Seabrook Power Station provided by MMWEC and that it was both an educational and eye-opening experience.

TOWN COUNCIL LIASON:

Not present

Public Comments

None

SECRETARY'S REPORT

Approval of the June 21, 2023, minutes was before the Board for approval.

A motion to approve the June 21, 2023, minutes with amendments provided in the Board book was made by Commr. Prifti and seconded by Commr. Kallay.

Vote: The motion was approved unanimously 5-0.

Commr. Warchol suggested reviewing the Dashboard for Commr. Daly's benefit. He requested an update on the peak for July 5, 2023. Pete explained that the load was higher than forecasted and the grid lost a major transmission line which increased the price per kwh for a short period. Pete explained that the situation was rectified relatively quickly, but the costs did exceed \$2.60/kwh for a period of time. Pete also explained that although the constraint on July 5th caused a pricing issue, the highest use so far for the summer was on July 6th. The Board discussed options that can be used to effectively communicate shedding load during potential peak periods to customers. Pete stated that staff will prepare a presentation on this topic for customers.

OLD BUSINESS:

Project Updates

Energy Park

Pete stated that he met with EEA and state representatives, Lewis, Wong, and Lipper-Garabeddian. EEA provided updated language they would prefer to see in the Home-Rule petition which has been shared with the House. It has been referred out of committee with recommendation to pass and is now in the next committee for a third reading. Pete noted that the process is heading in a positive direction. Commr. Warchol inquired about the timeline for ordering equipment. Pete mentioned that Dave was able to push back the order date for the generator. He said that we do not want to commit to a downpayment on the generator until we have the approval we need. He said we have a little time left, but that he explained to our Representatives that we need approval soon so we can procure equipment with enough lead time to meet deadlines. Dave said the Vocational Tech

still wants permanent service by August 2025. Commr. Kallay asked that the Energy Park section of the Board book be updated and presented in a dated bullet format.

Transformer Load Management

Vinnie McMahon provided the Board with an overview of the transformer load management tool being utilized at WMGLD.

- Hourly data is gathered from the Fixed AMR network metering system
- System uses the hourly meter reads to calculate hourly demand per meter
- The connectivity model in GIS system automatically links all meters to their associated transformer
- Searches by date range and percent overload are used to manage over (and under) loaded transformers
- Accuracy is also confirmed with meters in many cases.

He noted that every spring and summer transformers that show over 130% load are analyzed to determine if any of the following steps need to be taken:

- Split secondary cribs (groups of customer connected to the same transformer) by adding an additional transformer
- Install larger transformers
- Rearrange crib to distribute load to a nearby transformer that has available capacity

Vinnie explained that underloaded transformers are also analyzed to ensure they are being used efficiently. He noted that WMGLD has not had any transformers fail due to overloading since using this tool. Pete mentioned that it has been over three years since there has been a failed transformer due to overload. Vinnie mentioned that he just placed an order for new transformers that has a lead time of 2026 and that the price has tripled. Commr. Prifti inquired if we are trying to standardize the transformers we are purchasing. Dave noted that we are ordering 50 kVA transformers at a minimum. That is up from 37.5 kVA minimum prior. Commr. Prifti also asked if there is any strategic analysis being done. Dave noted that we are currently doing a study to determine current loads and how those loads will be affected with future electrification, such as EV chargers and heat pumps. Dave said that now you could have 10-11 customers on one transformer, but with future growth you are probably looking at 4 customers to each transformer. Commr. Kallay stated that she would like to see the completed study and inquired if there is any concern given the lengthy lead times. Dave noted that we are looking at the system and designing it for the next 15-20 years. He stated that Vinnie has done a great job with ordering, and we are in good shape for all our projects. Pete mentioned that MMWEC has a project they are working on to place a mass order for transformers. Pete explained that the new Wallace substation has given us redundancies at the system level, which puts us in good shape. Commr. Prifti stated that most of the load in town could be served by one substation transformer on most days and we have four. He asked if staffing levels will be sufficient to handle the increases. Pete noted that he is looking to add one substation person and an apprentice lineman to the training pipeline over the next year.

Community Solar Discussion

Joe Collins reviewed the solar fee structure spreadsheet with the Board. He stated that the net lease payment would be \$154,240 over 20 years assuming the application of the current \$1.20 per watt to the lease cost. Pete stated that he knew there was a difference in the solar activity in the winter months but did not realize how significant the difference is. Commr. Boettcher stated that there would need to be education available to customers about solar production and how it varies from the winter to summer months. A discussion ensued about the monetary benefits for customers. Commr. Kallay stated that we need to look at the savings for both low-income and non-low-income customers and if the savings will be enough for the customers to sign-up for the program. Pete said that he would be looking at rolling the program out on April 1, 2024. He stated that the \$1.20 may be too high right now and may need to be adjusted.

Strategic Planning

The Board agreed to have Jon Wortmann join the October 4, 2023, Board meeting to discuss strategic planning. Commr. Warchol noted that if more time is needed then they may schedule a second separate meeting.

New Business

None

A motion to adjourn was made at 8:36 pm by Commr. Prifti and seconded by Commr. Boettcher

Vote: The motion was approved unanimously 5-0.



JULY 2023 WMGLD COMMISSIONER'S DASHBOARD

Outages (Elec)

	<u>SAIFI</u>	<u>CAIDI</u>
May	0.38	52
Jun	0.45	53
Jul	0.47	61
Cal YTD	0.42	53

CYTD Pipe Replacement

	<u>Replaced</u>	<u>System Total</u>
4"	1,000	171,122
6"	1,343	159,463
8"	-	82,722

New Services on the System

	<u>Electric</u>	<u>Gas</u>
May	5	1
Jun	3	2
Jul	6	1

Solar Generation 90 Customers

	<u>Generated</u>	<u>Back to WMGLD</u>
CYTD	1,458,993	595,264
Comm'l	9,207,659	2,053,900
Res	2,800,432	1,666,121
Inception	12,008,091	3,720,021

Monthly & Annual Peaks

	<u>Prior Year</u>	<u>Current Year</u>
May	29.3 Mw	22.1 Mw
Jun	31.7 Mw	32.3 Mw
Jul	40.8 Mw	38.4 Mw

Summer YTD Peak

<u>8/5/22</u>	<u>7/27/23</u>
41.3 Mw	38.4 Mw

Winter YTD Peak

<u>2/1/22</u>	<u>2/3/23</u>
29.2 Mw	27.7 Mw

All Time Peak

<u>1/2/14</u>	<u>8/2/06</u>
36.5 Mw	50.7 Mw

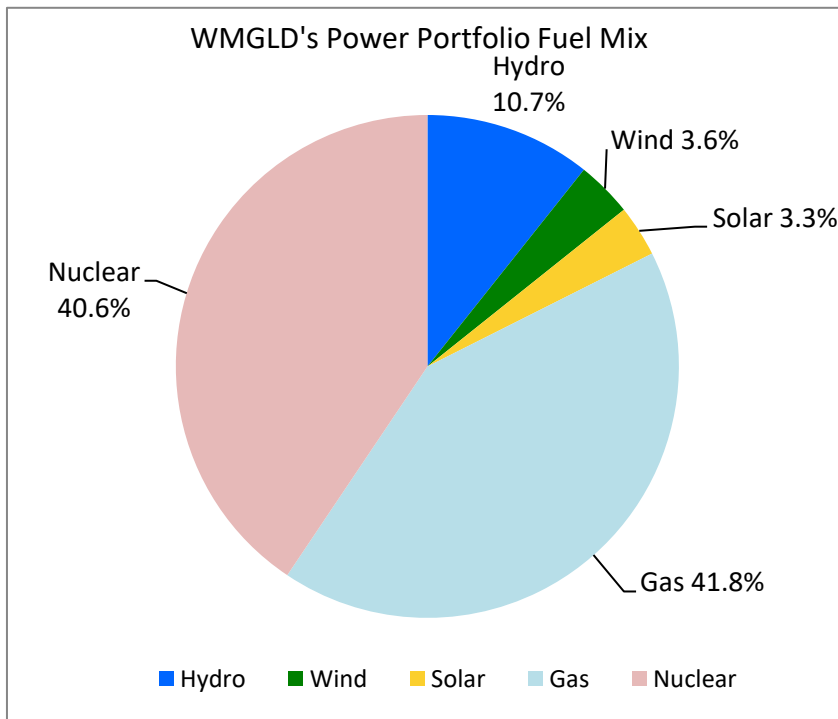
CONSERVATION BUDGET

YTD FY24 Conservation Revenue Billed	\$	69,014
YTD FY24 Paid out to Customers:		
40 Appliances & Thermostats	\$	(2,525)
3 Air Sealing (insulation/windows)		(4,298)
10 Heating & Cooling		(10,005)
0 Residential Solar		-
24 Cordless Yard Equipment	\$	(1,350)

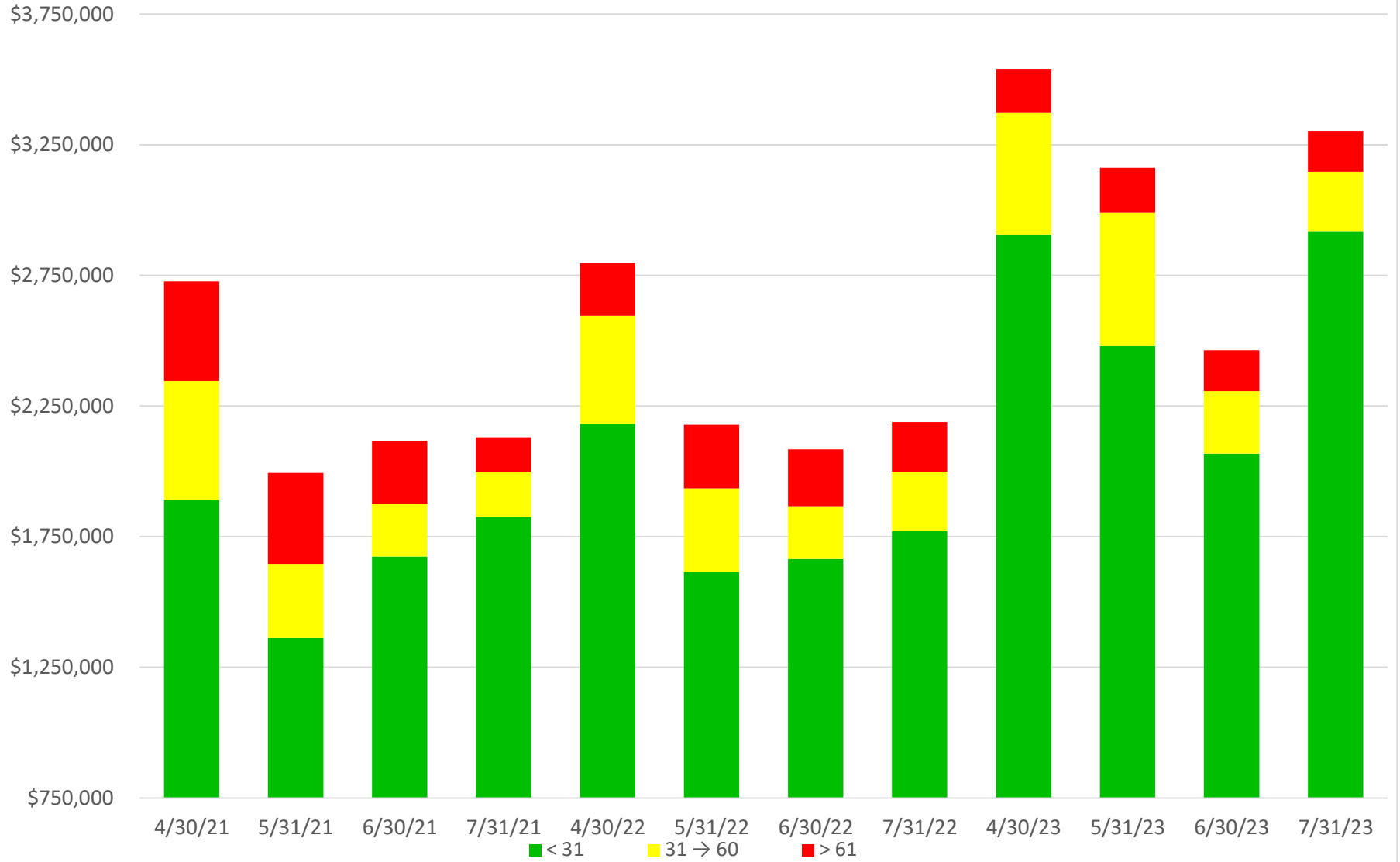
<u>GREEN CHOICE RATE</u>	<u>Jul</u>	<u>CYTD</u>
Green Choice Revenues	\$ 1,312	\$ 7,256
KwH billed on GC Rate	71,554	395,599
Number of Customers		100

Natural Gas Peak Usage

Current Year Peak (Nov '22 → May '23)	1,001,593 CCF
Prior Year Peak (Nov '21 → May '22)	1,308,885 CCF
All-Time Peak - Jan '18	1,370,554 CCF



Receivables Aging - As of July 31, 2023




Electric Vehicle Charging Stations

Dashboard – July/August 2023


- 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)

Environment
Lifetime

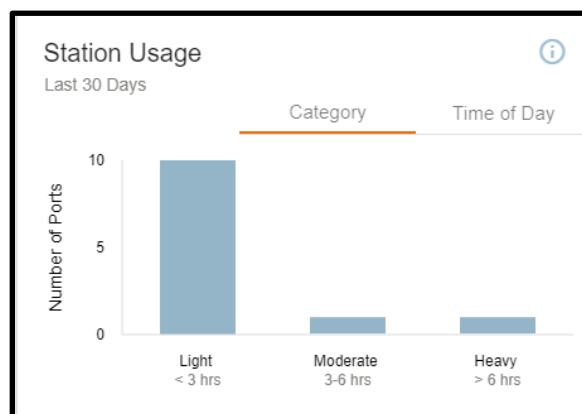
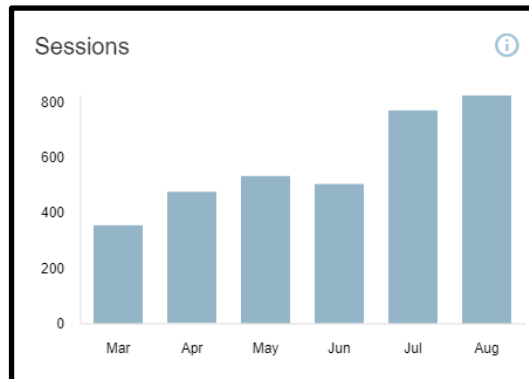
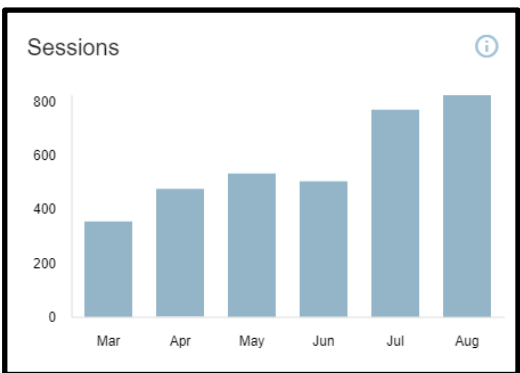
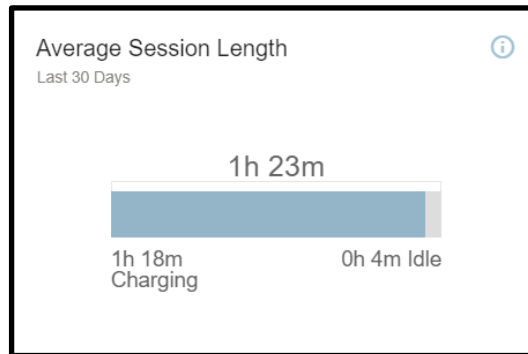
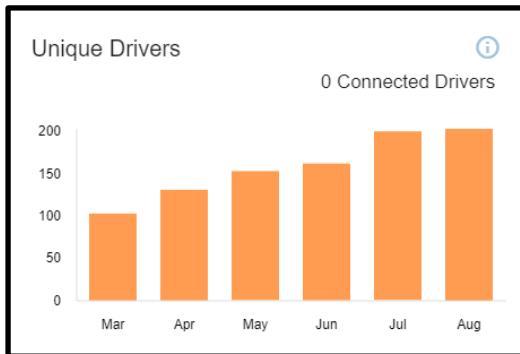
Here's how EV charging has helped:



You've avoided 85,836kg greenhouse gas emissions



That's like planting 2,201 trees and letting them grow for 10 years



EV Charging Stations				
Utility Billing and Town Revenue				
July/August 2023				
Locations	Utility Billing	KWh	Town Revenue From Charge Point	KWh
Vets Field	\$342.82	1508	\$359.32	1508
Civic Center	\$231.46	1052	\$236.63	1052
Public Parking Lot	\$981.27	4472	\$1,508.60	4451
Totals	\$1,555.55	7032	\$2,104.55	7011

EV Charging Stations			
Usage and Revenue			
July/August 2023			
Locations	Revenue From Charge Point	KWh	
Quannapowitt	\$6,733.71	18159	

COMMISSIONER REQUESTS LOG	Requested By	Request Date	Completion Date
Board Agenda Planning for the remainder of the year	JK	6/1/22	9/7/22
Add Electric Vehicle prompt on Residential Service Application	TB	9/7/22	9/26/22
Add Current and Historical Electric and Gas Rates to Website	TB	10/5/22	10/20/22
Provide Environmental Sustainability Committee with Consumption data	JK	10/24/22	11/29/22
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

Wakefield Municipal Gas & Light Department
Customer Issues Log

Date	Issue	Resolution
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.
October 5, 2022	Customer correspondence was read into the meeting record. Correspondence was regarding increasing WMGLD rebates for Heat Pumps.	Evaluated Energy Conservation Charge for the budget; board to vote on the budget during 11.2.22 meeting.

General Manager's Report

The following is the General Managers Report for September, 2023

Engineering and Operations Report

Working:

- **259 Water St. at Delcarmine** - New 16 unit residential building, building in progress, convert OH to UG **Working**
- **7-11 Audubon Road** – New 3000 amp service commercial service upgrade – **Working**
- **610 Salem St.** – New 34 unit apartment building – **Working**
- **581-583 Salem St.** – New 19-unit apartment build – **Working – New Service installed**
- **404 Lowell St.** – 8 Residential units – **Working**
- **Hopkins Street @ Tarrant Lane** - Project approved by the town 173 apartments 4 buildings proposed – **Working**
- **330 Salem St. - 19 Residential units** – **Working**
- **200 Quannapowitt** – 440 Apartments / 3 buildings / parking garage – **Working**
 - **Building Demolition/Disconnect** – Q2- 2023
 - **Temporary Power** – Q1/2024
 - **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

Permitting:

- **97-99 Water St** – 5 Residential Apartments – **Permitting Phase**
- **596 North Ave** – 38 Residential Apartments – **Permitting Phase**
- **369 – 371 Main St** – 20 Residential apartments and commercial space – **Permitting Stage**
- **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)
- **460-472 Main St** – 16 residential apartments and commercial space (former Molise Building)
- **62 Foundry Street phase 2** – 55 unit condo complex and commercial space – **On-Hold**

- **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**

Gas Department

- Gas services began service installations on Prospect St. Gas service cutovers on Church Street were completed. Work is on going on Central Street which will complete all the dead main conversion work.
- 792 meters were replaced so far this year with a target of 975 for the year.
- There are currently 1906 inside gas services and 3214 outside services. 61 services have been moved outside this year.
- Leaks Class 1 – 0* Class 2 – 0 Class 3 –40

Financial Reports

Monthly Financials for through June and Consumption Reports through July are enclosed.

**Board of Commissioners
September 6, 2023
Agenda Item No. D-1**

Project Updates

Energy Park

- **Bill H3995 – update:** June, July and August was spent working closely with Energy & Environmental Affairs (EEA) and State Representative Kate Lipper-Gafabedian’s office reviewing and providing comments to Bill H3995. On 8/17/2023 the final amended bill was moved from the House to the Senate.
- **Generator Bid:** Pending award

- **Switchgear Bid:** preparing bid package
- **Finalizing the operating plan, design and engineering documents**
- **Meetings with battery vendor Delorean and MMWEC to finalize contract language**

NEMT:

- Meetings held bi-weekly 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 – **WORKING**
- Starting the procurement process for long lead time items – (3)
Transformers – **Bid September**
- Temporary construction power – **March 2024**
- Permanent power - **January 2026**
- Occupancy - **September 2026**

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 – **WORKING**
- Starting the procurement process for long lead time items – (3)
Transformers – **Bid September**
- Temporary service for construction of the new building – **July 2024**
- Permanent and emergency power for testing and commissioning: **November 2025**
- Substantial completion / occupancy: **Phase 1 February 2026 & Phase 2 November 2026**

Major Projects:

Solar Projects:

- 480 North Ave. (228.76 kW DC total) – Reviewing design and approving submittals
 - Building system – 108 kW DC
 - Community Solar – 120 kW DC
 - Construction scheduled to start in the Fall
- 1 Wakefield Ave –rebidding in 2023 - on hold
 - Building system – 33 kW DC

Convert remaining 2 MAT type enclosures to Padmount or OH construction

- Lowell at Vernon
- 50 Audubon Rd

Electric Meter Inspections - Progress

- Residential – in progress 8128 of 13,800 meters inspected, 59% complete
 - 1415 had missing or cut seals - 17.4% (list has been provided to Building Dept.)
 - 628 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 scheduled in Jan 202

Pole replacements:

- Verizon replacing Poles & WMGLD crews transferring 110 total – **Working**

4kv to 13.8kv conversions:

- *Installing midpoint reclosers on 443-W31, 126-W27 and 0012 – **Completed***
- Converting portions of ckt 9 on Water to ckt 0012 – **Completed**
- Preston St – converting 4kv step-down area to 13.8kv – **Working**

Hurricane and pre-winter system preparation:

- **Overhead circuit / line patrols** – in progress by Line Dept
Superintendent: Identify deficiencies and schedule follow-up based on priorities
- **Hot Spot tree trimming and Hazard Tree Removals**
- Installed 3 mid-circuit reclosers to reduce customer outages – Ckts 443-W31, 126-W27 & 0012

Vegetation:

- Tree Trimming for 2023 scheduled to start April 2023 – Area 2 (Greenwood Section of Town) – **COMPLETED on 5/5/2023**
- Private property tree planting program – 50 trees a combination of utility friendly and shade trees. (Scheduled to start late September & early October 2023) **(47 people have signed up as of 6/15/2023)**
- Hazard Tree Removals Survey Scheduled Spring 2023 – **Completed** (17 public and 39 private property trees identified as hazards)
- Hazard Tree Removals in progress started on 8/25/2023
- Tree Plantings in the public way scheduled to start late September & early October 2023

Substations:

- **Beebe Substation** – Relay upgrades on main breakers and NGrid communications project - **Working**
- **Burns Station** – Remove remaining equipment and site remediation Fall 2023

Town Projects:

- **North Ave** – Utility Pole relocation in front of the cemetery. Move the poles to the back of the sidewalk to allow for sidewalk construction and bike path. Going out to bid to install 14 poles. Once poles are installed WMGLD crews will relocate primary, secondaries and services to the new poles. Communication Companies will then follow their transfers before the old poles can be removed. WMGLD removed 14 of 14 poles. **COMPLETED**
- **Vets Field Lighting** – Upgrade lighting at Vets field with LED fixtures and install secondary cable – **Progress, Fall completion**

Information for Discussion at this time

**Board of Commissioners
September 6, 2023
Agenda Item No. D-2**

Facilities and Procurement Update

Sara Ericksen will present the annual update on the Facilities and Procurement Department activities.

Information for Discussion at this time

**Board of Commissioners
September 6, 2023
Agenda Item No. D-3**

Strategic Planning Discussion

Jon Wortmann is not available for the October 4 Board meeting. He has offered some alternative dates for discussion including a stand alone meeting. We can also continue to discuss his recommendations for content.

Information for Discussion at this time

Community Solar

Based on the feedback from prior discussions, staff has reviewed possible structures for a Community Solar program. Additional discussion of the sample format for feedback and options will be discussed.

Information for Discussion at this time

**Board of Commissioners
September 6, 2023
Agenda Item No. E-1**

Mid Year Review of Goals and Objectives

The General Manager and Staff will provide a review of the Department's 2023 Goals and Objectives.

Information for Discussion at this time

**Board of Commissioners
September 6, 2023
Agenda Item No. E-2**

NEPPA Annual Conference

Commissioner Boettcher attended the annual NEPPA Conference. This will be an opportunity to discuss and items of interest from the conference.

Information for Discussion at this time

**Board of Commissioners
September 6, 2023
Agenda Item No. E-3**

WMGLD Board Appointment to Environmental Sustainability Committee

There will be a joint meeting on June 26, 2023 of the WMGLD Board of Commissioner Boettcher has been the Board's representative to the town's Environmental Sustainability Committee. Discussion of a transition on the next representative will take place.

Vote required

Executive Session- If necessary

APPENDICIES

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

	6/30/2022	6/30/2023
ASSETS		
Sinking Fund - Self Insurance	\$ 180,564.35	\$ 187,890.98
Depreciation Fund	183,264.07	186,184.74
Consumer Deposits	885,861.79	909,612.32
Total Investments	<u>1,249,690.21</u>	<u>1,283,688.04</u>
Operating Cash	13,117,352.43	13,928,771.74
Depreciation Fund	2,726.92	2,770.45
Consumer Deposits	327,710.10	301,598.25
Petty Cash	525.00	525.00
Total Cash	<u>13,448,314.45</u>	<u>14,233,665.44</u>
Accounts Receivable-Rates	3,409,036.90	3,846,121.58
Accounts Receivable-Other	1,548,383.16	1,377,353.57
Inventory	555,441.60	778,364.46
Prepayments Miscellaneous	607,983.11	565,371.66
Prepayments Power	4,387,822.55	4,780,658.88
Other Deferred Debits	809,896.00	809,896.00
Total Other Assets	<u>11,318,563.32</u>	<u>12,157,766.15</u>
Total Current Assets	26,016,567.98	27,675,119.63
Distribution Plant	19,574,449.82	18,931,514.47
General Plant	1,589,920.45	1,616,420.23
Net Fixed Assets	<u>21,164,370.27</u>	<u>20,547,934.70</u>
Total Assets	<u>\$ 47,180,938.25</u>	<u>\$ 48,223,054.33</u>
LIABILITIES AND EQUITY		
Accounts Payable	\$ 256,994.48	\$ 236,586.73
Consumer Deposits	1,213,571.89	1,211,210.57
Other Accrued Liabilities	129,822.69	172,442.23
Reserve for Uncollectable Accounts	106,502.84	96,530.56
Total Current Liabilities	<u>1,706,891.90</u>	<u>1,716,770.09</u>
Compensated Absences	406,034.46	371,881.39
MMWEC Pooled Loan Debt	9,912,806.48	8,442,497.88
OPEB Liability	647,512.25	647,512.25
Pension Liability	6,425,250.00	6,425,250.00
Total Long Term Liabilities	<u>17,391,603.19</u>	<u>15,887,141.52</u>
Total Liabilities	19,098,495.09	17,603,911.61
Retained Earnings	9,897,069.40	12,944,976.77
Year to Date Income	3,047,907.37	2,529,372.93
Sinking Fund Reserve-Self Ins	180,564.35	187,890.98
Contribution in Aid of Construction	3,705,337.66	3,705,337.66
Investment in Fixed Assets	11,251,564.38	11,251,564.38
Total Equity	<u>28,082,443.16</u>	<u>30,619,142.72</u>
Total Liabilities and Equity	<u>\$ 47,180,938.25</u>	<u>\$ 48,223,054.33</u>

Wakefield Municipal Gas and Light Department
Income Statement - Electric Division
For the Twelve Months Ending, June 30, 2023

	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Energy Revenue (Net of Discounts)				
Residential Sales	\$ 1,139,401.81	\$ 1,267,242.43	\$ 14,068,226.49	\$ 16,810,322.12
Commercial Sales	978,318.90	1,157,944.47	11,722,072.17	13,993,597.67
Street Lighting	15,678.00	15,678.00	188,131.00	188,131.00
Municipal Sales	113,903.59	139,476.32	1,288,720.11	1,571,083.58
Private Area Lighting	7,337.00	7,351.00	88,381.54	87,989.17
Green Choice Revenue	739.03	851.04	8,863.76	11,968.11
EV Chargers	-	104,395.54	-	155,103.31
Total Energy Revenue	2,255,378.33	2,692,938.80	27,364,395.07	32,818,194.96
Other Revenues				
Unbilled Revenue	(33,583.31)	161,983.25	(33,583.31)	161,983.25
Interest Income-Consumer Deposits	756.22	2,392.36	4,278.56	23,750.53
Interest Income-Depreciation Fund	229.02	387.47	355.81	2,964.20
Interest Income-Self Ins Sinking Fund	191.54	815.55	577.70	7,326.63
Interest Income-MMWEC	(3,507.73)	(525.18)	(32,871.61)	30,224.48
Income (Exp) - Merchandise & Jobbing	(3,817.42)	93,043.61	63,347.44	81,459.78
Other Revenues	-	-	700.00	1,100.00
Sales Tax	51,100.23	62,656.91	606,235.17	736,086.63
Conservation Charge	41,893.90	49,282.92	353,182.34	599,142.97
Reconnect Fees	150.00	350.00	2,475.00	2,500.00
Comcast & RCN Pole Fees	45,581.60	23,209.46	271,796.03	142,432.00
Insurance Reimbursements	429.75	672.00	26,719.21	1,918.28
Other Electric Revenue	21,606.03	24,694.39	35,201.75	275,709.42
Total Other Revenue	121,029.83	418,962.74	1,298,414.09	2,066,598.17
Total Revenue	2,376,408.16	3,111,901.54	28,662,809.16	34,884,793.13
Power Costs				
Purchased Power	(1,316,546.60)	(1,092,372.49)	(15,394,154.61)	(19,180,113.29)
Power Expense Generation	(7,763.96)	45,477.73	(100,601.34)	(32,347.12)
Power Expense Battery	(6,231.21)	(5,764.65)	(77,273.24)	(71,756.97)
Total Power Costs	(1,330,541.77)	(1,052,659.41)	(15,572,029.19)	(19,284,217.38)
Gross Profit	\$ 1,045,866.39	\$ 2,059,242.13	\$ 13,090,779.97	\$ 15,600,575.75
Operating Expenses				
Miscellaneous Operating Expenses				
Depreciation Expense	(244,141.65)	(189,529.33)	(2,905,224.87)	(2,602,025.70)
Sales Tax	(51,100.23)	(62,656.91)	(606,235.17)	(736,086.63)
Interest Expense-Consumer Deposits	(1,040.90)	(2,833.58)	(8,323.74)	(12,110.70)
Interest Expense-Sub + MMWEC	(17,103.28)	(17,220.80)	(227,683.19)	(199,217.30)
Total Misc Operating Expenses	(313,386.06)	(272,240.62)	(3,747,466.97)	(3,549,440.33)
Distribution Expenses				
Supervision and Engineering	(18,341.80)	(30,478.46)	(260,068.30)	(258,343.14)
Substation Salaries and Expense	(79,023.06)	(72,904.50)	(692,547.33)	(629,306.68)
Customer Installation Expenses	(1,072.31)	(631.15)	(7,525.24)	(7,173.85)
Distribution Operations Expense	(53,624.49)	(48,610.94)	(648,223.93)	(678,297.14)
Total Distribution Expenses	(152,061.66)	(152,625.05)	(1,608,364.80)	(1,573,120.81)

Wakefield Municipal Gas and Light Department
Income Statement - Electric Division
For the Twelve Months Ending, June 30, 2023

	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Maintenance Expenses				
Supervision and Engineering	(24,633.76)	(32,286.60)	(226,500.07)	(242,622.53)
Maintenance of Station Equipment	(55.96)	(193.08)	(1,101.94)	(2,458.74)
Maintenance of Other Equipment	(3,395.00)	-	(4,337.44)	(1,662.44)
Maintenance of Overhead Lines	(130,458.53)	(82,875.32)	(1,234,044.58)	(1,318,173.15)
Maintenance of Underground Lines	(448.53)	-	(2,668.78)	(2,852.47)
Maintenance of Line Transformers	-	-	(5,630.00)	-
Maintenance of Street Lighting	-	-	(476.28)	-
Maintenance of Meters	(1,072.31)	(8,681.31)	(7,525.24)	(45,969.09)
Maintenance of Distribution Plant	(2,293.87)	(1,422.81)	(16,878.59)	(15,642.93)
Total Maintenance Expenses	(162,357.96)	(125,459.12)	(1,499,162.92)	(1,629,381.35)
Customer Account Expense				
Meter Reading Expense	(4,440.64)	(5,664.19)	(42,537.19)	(49,519.56)
Customer Records & Collection Exp	(89,533.17)	(114,298.72)	(784,981.68)	(1,030,122.89)
Total Customer Account Exp	(93,973.81)	(119,962.91)	(827,518.87)	(1,079,642.45)
Administrative and General Expenses				
Community Relations & Advertising	(21,208.26)	(25,927.26)	(80,610.33)	(616,885.17)
Administrative Salaries and Expense	(19,665.81)	(30,642.73)	(205,486.32)	(222,509.67)
Business Mgr, Office Salaries & Exp	(16,906.15)	(11,789.11)	(204,440.56)	(193,475.76)
MIS Salaries and Expense	(43,593.24)	(32,188.30)	(333,797.65)	(344,513.78)
Outside Services	-	-	(20,625.00)	(21,750.00)
Conservation & Rebates	(59,895.98)	(44,909.25)	(452,564.00)	(894,463.15)
Property & Liability Insurance, Damages	(11,026.94)	(11,914.11)	(133,988.48)	(137,423.37)
Employee Pensions and Benefits	1,239,990.35	(30,844.96)	(168,320.64)	(1,496,526.51)
General Administrative Expense	(129,534.64)	(361,557.67)	(159,118.83)	(414,559.04)
Maintenance of General Plant	(8,331.53)	(8,399.71)	(87,747.82)	(86,748.67)
Total Admin & General Expenses	929,827.80	(558,173.10)	(1,846,699.63)	(4,428,855.12)
Net Income (Loss) Before Surplus				
Adjustments	\$ 1,253,914.70	\$ 830,781.33	\$ 3,561,566.78	\$ 3,340,135.69
Surplus Adjustments				
Additions				
Sale of Scrap	4,375.00	-	47,460.39	19,209.15
MMWEC Refund	374,857.80	-	374,857.80	-
Total Additions to Surplus	379,232.80	-	422,318.19	19,209.15
Subtractions				
Interest on Sinking Fund	191.54	815.55	577.70	7,326.63
Payment in Lieu of Taxes	58,240.63	59,114.25	698,887.52	709,371.00
Plant Removal Costs	184,137.00	57,528.23	236,512.38	113,274.28
Total Subtractions from Surplus	242,569.17	117,458.03	935,977.60	829,971.91
Net Income (Loss)	\$ 1,390,578.33	\$ 713,323.30	\$ 3,047,907.37	\$ 2,529,372.93

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

	6/30/2022	6/30/2023
ASSETS		
Sinking Fund - Self Insurance	\$ 180,564.34	\$ 187,890.97
Consumer Deposits	97,298.14	103,235.78
Total Investments	277,862.48	291,126.75
Operating Cash	(17,118,051.40)	(20,522,830.39)
Consumer Deposits	209,421.54	207,345.22
Petty Cash	175.00	175.00
Total Cash	(16,908,454.86)	(20,315,310.17)
Accounts Receivable-Rates	634,584.17	731,625.96
Inventory	552,853.40	702,336.90
Prepayments Miscellaneous	25,861.05	25,257.16
Other Deferred Debits	269,967.00	269,967.00
Total Other Assets	1,483,265.62	1,729,187.02
Total Current Assets	(15,147,326.76)	(18,294,996.40)
Distribution Plant	25,510,324.03	25,645,995.25
General Plant	461,073.59	599,267.02
Net Fixed Assets	25,971,397.62	26,245,262.27
Total Assets	\$ 10,824,070.86	\$ 7,950,265.87
LIABILITIES AND EQUITY		
Accounts Payable	\$ 20,863.22	\$ 20,340.32
Consumer Deposits	306,719.68	310,581.00
Other Accrued Liabilities	63,516.44	78,027.28
Reserve for Uncollectable Accounts	106,502.84	96,530.56
Total Current Liabilities	497,602.18	505,479.16
Compensated Absences	250,058.31	206,684.73
OPEB Liability	215,836.75	215,836.75
Pension Liability	2,141,750.00	2,141,750.00
Total Long Term Liabilities	2,607,645.06	2,564,271.48
Total Liabilities	3,105,247.24	3,069,750.64
Retained Earnings	(17,671,616.96)	(18,446,691.79)
Year to Date Income (Loss)	(775,074.83)	(2,845,635.02)
Sinking Fund Reserve-Self Ins	180,517.74	187,844.37
Contribution in Aid of Construction	13,600.00	13,600.00
Investment in Fixed Assets	25,971,397.67	25,971,397.67
Total Equity	7,718,823.62	4,880,515.23
Total Liabilities and Equity	\$ 10,824,070.86	\$ 7,950,265.87

Wakefield Municipal Gas and Light Department
Income Statement - Gas Division
For the Twelve Months Ending, June 30, 2023

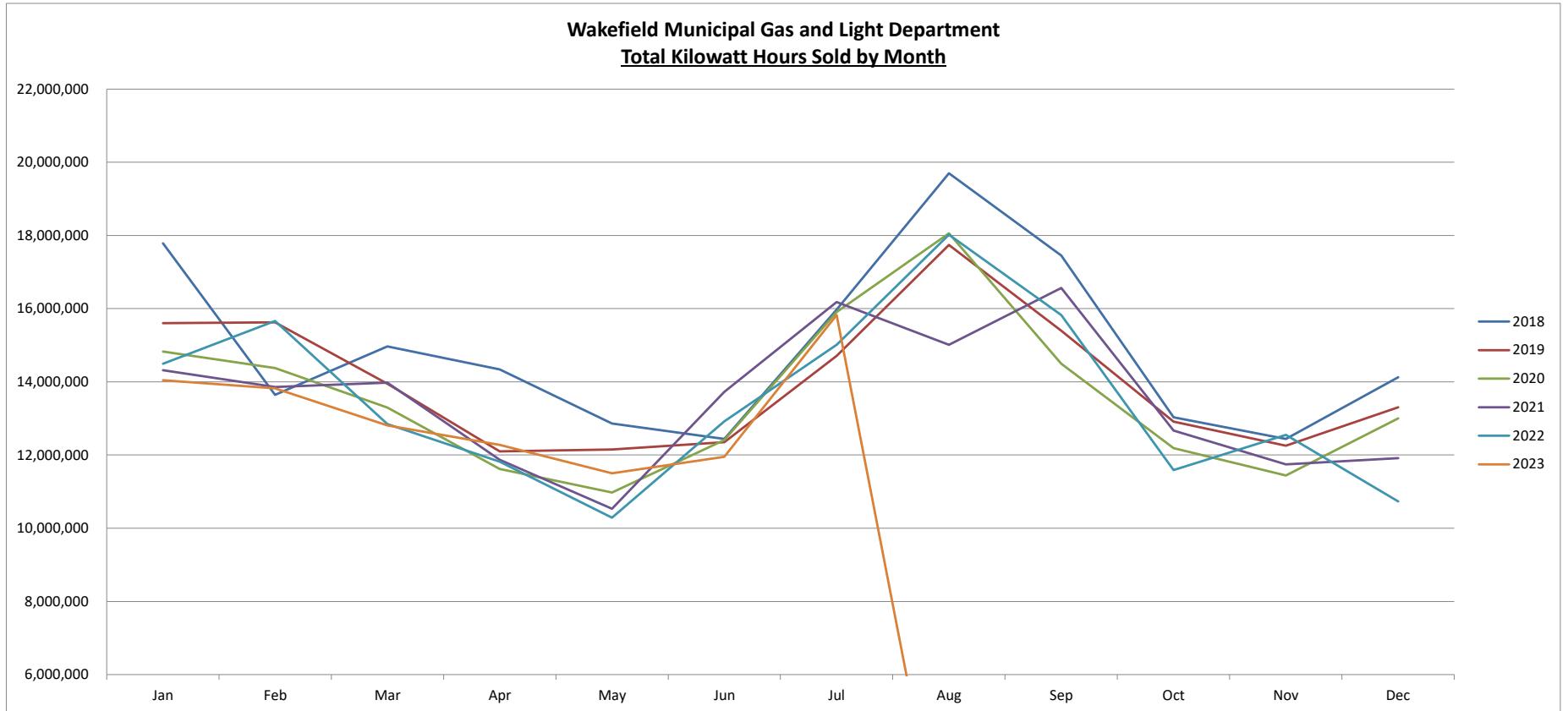
	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Energy Revenue (Net of Discounts)				
Residential Sales	\$ 223,163.63	\$ 319,751.00	\$ 7,893,826.94	\$ 9,425,572.83
Commercial Sales	75,390.08	101,349.48	2,353,069.70	2,814,104.55
Municipal Sales	5,674.53	14,252.27	809,321.20	1,002,991.48
Total Energy Revenue	304,228.24	435,352.75	11,056,217.84	13,242,668.86
Other Revenues				
Unbilled Revenue	21,903.98	16,024.66	21,903.98	16,024.66
Interest Income-Consumer Deposits	84.03	598.09	444.11	5,937.64
Interest Income-Self Ins Sinking Fund	191.54	815.54	655.65	7,326.63
Income from Merchandise & Jobbing	375.30	-	13,145.47	25,874.43
Special Gas Charges	-	5,074.03	350.60	12,363.29
Sales Tax	3,263.19	5,006.32	101,645.91	131,134.32
Reconnect Fees	-	-	-	100.00
Insurance Reimbursements	143.25	-	143.25	-
Other Gas Revenue	78,121.46	108,325.55	112,413.56	185,323.73
Total Other Revenue	104,082.75	135,844.19	250,702.53	384,084.70
Total Revenue	408,310.99	571,196.94	11,306,920.37	13,626,753.56
Gas Purchased	(218,612.71)	(162,692.87)	(6,921,345.14)	(11,134,877.54)
Gross Profit	\$ 189,698.28	\$ 408,504.07	\$ 4,385,575.23	\$ 2,491,876.02
Operating Expenses				
Miscellaneous Operating Expenses				
Depreciation Expense	(172,822.89)	(180,071.11)	(2,020,172.63)	(2,117,363.88)
Sales Tax	(3,263.19)	(5,006.32)	(101,645.91)	(131,134.32)
Interest Expense-Consumer Deposits	(276.69)	(708.39)	(2,212.64)	(3,027.67)
Total Misc Operating Expenses	(176,362.77)	(185,785.82)	(2,124,031.18)	(2,251,525.87)
Distribution Expenses				
Supervision and Engineering	(14,048.83)	(12,162.97)	(232,416.03)	(276,342.31)
Station Labor and Expenses	(20,888.81)	(26,798.97)	(215,843.45)	(268,328.61)
Mains and Service	12,112.44	10,017.53	60,906.11	46,570.65
Customer Installation Expenses	(21,019.47)	(25,243.03)	(264,501.55)	(229,819.67)
Miscellaneous Plant Expenses	(1,394.24)	(1,525.33)	(79,107.21)	(37,836.10)
Total Distribution Expenses	(45,238.91)	(55,712.77)	(730,962.13)	(765,756.04)
Maintenance Expenses				
Maintenance of Mains	(45,621.88)	(82,566.36)	(571,840.09)	(559,958.55)
Maintenance of Meters and House Regulators	-	-	(11,079.77)	(20,333.01)
Maintenance of Distribution Plant	(32,039.85)	(547.44)	(51,344.23)	(27,984.54)
Total Maintenance Expenses	(77,661.73)	(83,113.80)	(634,264.09)	(608,276.10)
Customer Account Expense				
Meter Reading Expense	(1,480.20)	(1,888.05)	(15,274.30)	(16,506.36)
Customer Record and Collection Expenses	(29,837.37)	(38,099.52)	(274,011.56)	(339,421.34)
Total Customer Account Expenses	(31,317.57)	(39,987.57)	(289,285.86)	(355,927.70)

Wakefield Municipal Gas and Light Department
Income Statement - Gas Division
For the Twelve Months Ending, June 30, 2023

	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Administrative and General Expenses				
Community Relations & Advertising	-	(3,294.85)	(7,253.94)	(10,809.35)
Administrative Salaries and Expense	(6,303.51)	(9,922.85)	(63,778.63)	(70,135.77)
Business Mgr, Office Salaries & Exp	(5,235.15)	(3,624.50)	(63,259.60)	(58,471.47)
MIS Salaries and Expense	(14,531.06)	(10,729.43)	(111,265.75)	(114,892.67)
Outside Services	-	-	(7,716.59)	(22,611.30)
Property & Liability Insurance, Damages	(5,704.68)	(2,630.22)	(33,586.73)	(33,831.01)
Employee Pensions and Benefits	434,315.04	15,871.86	152,270.06	(285,621.53)
General Administrative Expense	(102,829.08)	(59,831.68)	(118,376.27)	(77,033.36)
Maintenance of General Plant	(2,777.18)	(2,799.93)	(29,249.29)	(28,996.36)
Total Admin & General Expenses	296,934.38	(76,961.60)	(282,216.74)	(702,402.82)
Net Income (Loss) Before Surplus				
Adjustments	\$156,051.68	(\$33,057.49)	\$324,815.23	(\$2,192,012.51)
Surplus Adjustments				
Additions	-	-	-	-
Subtractions	-	-	-	-
Interest on Sinking Fund	191.54	815.54	577.70	7,326.63
Payment in Lieu of Taxes	19,413.54	19,704.75	232,962.48	236,457.00
Plant Removal Costs	194,415.97	196,218.52	866,349.88	409,838.88
Total Subtractions from Surplus	214,021.05	216,738.81	1,099,890.06	653,622.51
Net Income (Loss)	(\$57,969.37)	(\$249,796.30)	(\$775,074.83)	(\$2,845,635.02)

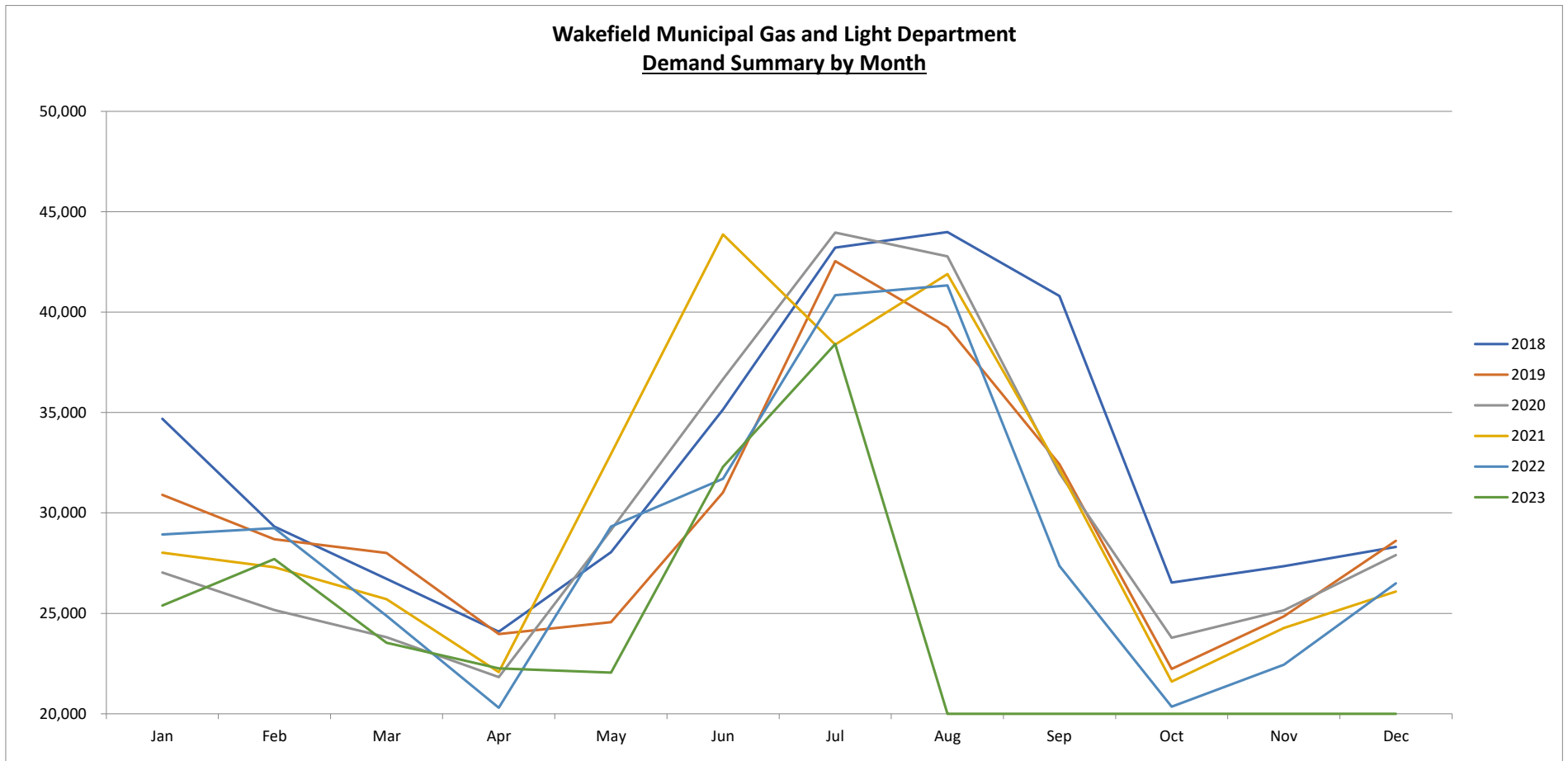
Wakefield Municipal Gas and Light Department
Total Kilowatt Hours Sold by Month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru July	Annual Total	Increase (Decrease)
2017	16,621,327	15,070,229	15,380,671	14,453,301	13,037,016	13,930,871	16,639,208	18,069,872	14,713,966	14,432,674	13,077,414	13,830,767	105,132,623	179,257,316	(5.2%)
2018	17,781,658	13,643,198	14,968,016	14,337,800	12,863,470	12,441,286	15,974,013	19,698,047	17,452,170	13,030,487	12,439,795	14,124,456	102,009,441	178,754,396	(0.3%)
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	96,485,922	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	93,415,788	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	94,465,201	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	93,049,472	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	0	0	0	0	0	92,228,506	92,228,506	(43.0%)



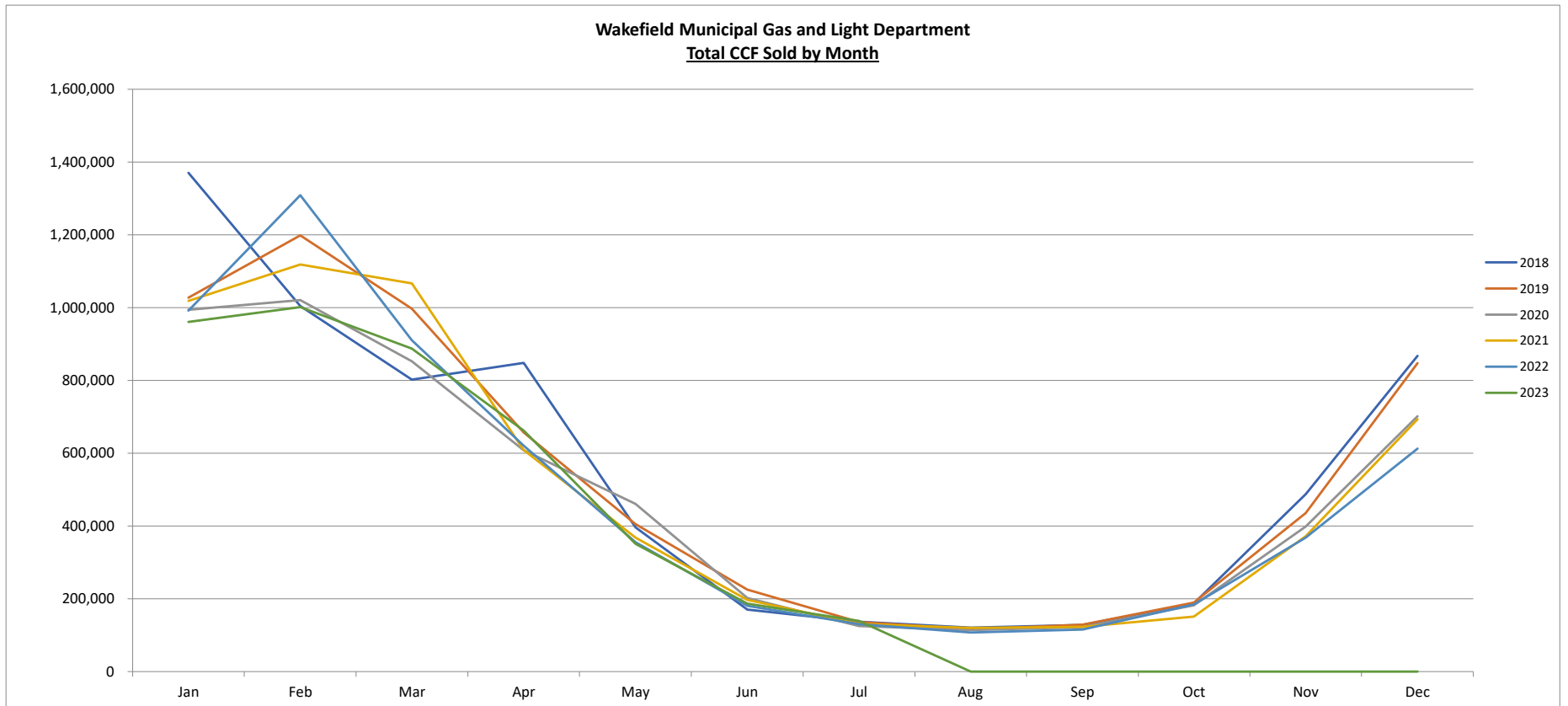
**Wakefield Municipal Gas and Light Department
Demand Summary by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Peak	Increase (Decrease)
2016	32,943	32,626	28,103	27,751	34,030	37,581	45,442	47,999	41,318	26,069	29,200	33,750	47,999	5.6%
2017	32,945	31,399	28,795	26,326	37,549	44,504	41,984	40,522	35,784	27,334	27,166	34,658	44,504	(7.3%)
2018	34,692	29,316	26,712	24,091	28,039	35,145	43,210	43,982	40,807	26,527	27,350	28,308	43,982	(1.2%)
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	20,000	20,000	20,000	20,000	20,000	38,405	



**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 July	Annual Total	Increase (Decrease)
2017	992,147	922,194	871,001	770,881	341,035	219,847	138,513	127,619	122,846	150,433	318,338	704,061	4,255,618	5,678,915	7.3%
2018	1,370,550	1,004,477	802,171	848,137	396,183	170,309	137,249	120,845	127,950	187,532	487,660	867,528	4,729,076	6,520,591	14.8%
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	4,647,427	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	4,264,704	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	4,510,336	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	4,499,463	5,887,952	(1.4%)
2023	961,207	1,001,593	887,721	662,622	351,528	186,758	139,576	0	0	0	0	0	4,191,005	4,191,005	





Plug-In Hybrid Trouble Truck

9/1/2023

2

EV/Hybrid Fleet

- 2 x 2022 All Electric Ford Transit Vans
- 2023 Plug-In Hybrid Trouble Truck
- 2022 Plug-in Hybrid Hyundai Santa-Fe
- Future electric fleet acquisitions pending

9/1/2023

3



Budgeted Fleet Acquisitions (3-Year)

	Price	Comments
<ul style="list-style-type: none"> • 2023 • Pick Up Truck #28 	\$47K	On Order (Jan 2021/2023) Build will start week of 9/25/23 Ford Lightning-All Electric Plug-In Hybrid
<ul style="list-style-type: none"> • Passenger Vehicle (Polson) 	\$48K (Estimate)	Plug-In Hybrid
<ul style="list-style-type: none"> • 2024 • Dump Truck #29 	\$150K	Ordered mid-2023/Delivery in 2024
<ul style="list-style-type: none"> • Passenger Vehicle #17 	\$48K (Estimate)	Plug-in Hybrid
<ul style="list-style-type: none"> • Bucket Truck #22 	\$	Plug-In Hybrid
<ul style="list-style-type: none"> • 2025 • Bucket Truck #27 	\$	Plug-In Hybrid
<ul style="list-style-type: none"> • Passenger Vehicle (J. Brown) 	\$32K	Plug-in Hybrid
<ul style="list-style-type: none"> • Future • Bucket Truck #23 (2026/2027) • Gas Dept Street Truck (2027) 		

New Trouble Truck

Traditional Body and Build
Hybrid

Based on the numbers since we acquired the new truck in June 2023, we are anticipating that we will save approximately 1,100 gallons of diesel fuel and 13 tons on Carbon Emissions, annually.

Staff is very happy with the new truck. The trucks no longer idles and runs off the JEM system.
The truck is plugged in every night. If the charge runs out, the truck switches to Diesel and recharges itself.

Facility Maintenance and Projects

Garage Door had run its course. It was an inconvenient large project that is now done. It was replaced with an efficient springless door that has a much longer lifespan.

We have also maintained many things that start to arise on a 10+ year old building. New electrical in doors, roof maintenance in general and in preparation for the Solar Project.

Solar project is expected to start this late Fall and be completed by next year for community solar roll out.

Long Term Bids

- Emergency and Permanent Paving
- Vegetation Management
- Vegetation Management Utility Excavation and Landscaping Services
- Cleaning

Other Bids

- Gas-Dead Main Annually
- Energy Park
- Transformers, Cable and more.....

- Awarded in January 2023
- Awarded in April 2023
- Awarded July 2023
- Annual Contract



**2023 Performance Goals & Evaluation
Peter Dion, General Manager**

Section A: Employee Information		
Peter Dion	General Manager	Performance Period: 2023

General Manager Signature: _____

Board Signature: _____

Date: _____

Section B.1: Performance Goals – Safety (16.67%)			
Goals & Objectives (What)	Measures (How/When/Metric)	Evaluation	Rating (1 to 5)
1. Reduce Lost Time Accidents	Upper Limit 3 max - YE	1 YTD On Target	
2. Reduce Responsible Motor Vehicle Accidents	a. Major (\geq \$2,500 per incident): Upper Limit 2 max – YE	0 YTD	
	b. Minor ($<$ \$2,500 per incident): Upper Limit 3 max – YE	0 YTD	
3. Reduce Personal Injuries	Upper Limit 5 max – YE	2 YTD	
4. Train Employees	Identify and conduct another all employee-based class focused on incidence-based experience - YE	Customer Service Training with John Wortmann	
5. Respond to COVID-19, as needed	Limit exposures and virus spread	On Going	



2023 Performance Goals & Evaluation

Peter Dion, General Manager

Section B.2: Performance Goals – Operational (16.67%)			
Goals & Objectives (What)	Measures (How/When/Metric)	Evaluation	Rating (1 to 5)
1. Minimize Electric System Average Interruption Frequency (SAIFI)	Exceed Wakefield Average SAIFI < 0.70 - YE	Ahead of Target	
2. Minimize Electric Customer Average Interruption Duration (CAIDI)	Exceed Industry Average CAIDI < 60 minutes - YE	Ahead of Target	
3. Deliver Capital Projects On Time and On Budget	a. Electric: Complete Capital Plan– YE	On Target	
	b. Gas: Complete Capital Plan– YE	Some street work has changed due to town requests	
4. Deliver Operation and Maintenance Services On Time and On Budget	a. Electric: Complete O&M (Distribution and Substation) Inspection Program and Address Items –YE	On Going	
	b. Electric: Complete Vegetation Management Plan – Q2	Program Trimming completed Q2	
	c. Gas: Move 100 inside services outside - YE	On Target	
	d. Gas: Complete Class 2 leak repairs per required targets – YE	Currently 0 Class 2 Leaks	
	e. Gas: Reduce Class 3 leaks to 40 by YE	On Target – Currently 40	



2023 Performance Goals & Evaluation
Peter Dion, General Manager

Section B.3: Performance Goals – Customer Service (16.67%)			
Goals & Objectives (What)	Measures (How/When/Metric)	Evaluation	Rating (1 to 5)
1. Increase Awareness of Energy Programs through Improved Marketing and Outreach	a. Develop marketing and promotional materials for all rebate incentive programs	Tree Planting Program EV TOU Rate	
	b. Provide annual cost and energy savings data on all rebate and incentive programs	Presented at year end	
2. Provide Customer Service, Education, and Outreach	a. Hold two topic-specific forums annually to educate and collect feedback from customers on new technologies, solutions, and program offerings	EV TOU Program – August Heat Pumps – Sept/Oct Community Solar - Dec	
	b. Educate customers on heating and transportation electrification options and costs, with a focus on providing customers with information on fossil fuel supply and cost issues stemming from energy market instabilities	Website continually updated Staff participated in Abode advance HP Training Sections added to website on Rates and Cost of Gas and Electricity	
	c. Engage Abode (on heat pumps) and Voltrek (on EVs) to provide technical assistance direct to customers	On Going	



2023 Performance Goals & Evaluation
Peter Dion, General Manager

Section B.4: Performance Goals – Financial (16.67%)			
Goals & Objectives (What)	Measures (How/When/Metric)	Evaluation	Rating (1 to 5)
1. Prudent O&M Spending	a. Budget to actual – YE	On target – Presented in Nov	
	b. Overtime (excluding Mutual Aid) < 19% of payroll - YE	On target – Presented in Nov	
2. Prudent Capital Spending	Budget to actual – YE	On target – Presented in Nov	
3. Annual Audit Performance	a. Positive position – No deficiencies	On target – Presented in Nov	
	b. Work towards 3 months of cash on hand	Behind target	
4. Long-Term Capital Planning	Maintain a three-year capital investment plan	On target – Presented in Nov	
5. Manage account receivable growth due to COVID-19 and fossil fuel security and cost increases due to energy market instabilities	Review detailed data with the Board and develop a plan to address any issues	Regularly monitored and included in Board book	
6. Manage Power Supply to minimize impacts of energy market instabilities	a. Manage WMGLD power supply costs	On going - Supplier presentations in Oct and Dec	
	b. Reduce WMGLD dependence on gasoline and diesel fuels in Company vehicle operations	Vehicle replacement program Electric and Hybrids	
	c. Assess and communicate impacts of increasing fossil fuel costs on customer rates and bills and mitigation options	Multiple communicaitons	

Section B.5: Performance Goals – Environmental (16.67%)			
Goals & Objectives (What)	Measures (How/When/Metric)	Evaluation	Rating (1 to 5)
1. Comply with Environmental Legislation	Continually strive to incorporate non-carbon emitting resources, as a percentage of annual MWh sales	52.1% non carbon emmiting in 2023	



2023 Performance Goals & Evaluation
Peter Dion, General Manager

2. Support installation of non-carbon emitting resources	a. Install, design an effective program for, and subscribe customers for the community shared solar project	On going	
	b. Support DPW in installing solar on municipal buildings	Nothing new for 2023	
	c. Implement MMWEC battery incentive program for Residential and Commercial customers	On going	
3. Support decarbonization of the heating and transportation sectors	a. Support adoption of efficient electric heat pump systems through website updates, incentives, contractor and customer materials and education, and community coaches	On going	
	b. Support electric vehicle adoption through incentives for at home chargers, public chargers, and have information on dealer rebates on vehicles, and test drive events.	On going – New level 3 chargers at the head of the lake	
	c. Support the Town in implementing the Energy Park project to address cost, resilience, workforce development, and emissions in WMHS and NEMT school building projects	On going	
	d. Support the Town on new building code development and adoption including stretch energy, EV-ready, solar-ready, and net zero	On going discussions with town on Stretch code implementaiton	
	e. Support the Town on implementation of the Green Communities Energy Reduction Plan	On going	



2023 Performance Goals & Evaluation

Peter Dion, General Manager

Section B.6: Performance Goals – Leadership (16.67%)			
Goals & Objectives (What)	Measures (How/When/Metric)	Evaluation	Rating (1 to 5)
1. Communicate with and Represent the Board	a. Provide regular updates to the Board on discussions with partners (e.g., customers, governmental entities, regulators, trade associations, and other communities)	On going – Energy Park regular discussions	
	b. Solicit and provide Board feedback to partners (e.g., see list above)	On going	
2. Data Development	Develop performance dashboards to establish metrics, enable comparisons of metrics for various initiatives, and inform decision-making	On going	
3. Strategic Planning	Conduct session(s) with the Board on the next phase of strategic planning	On going – Vendor facilitator	
4. Improve communication with Town Departments, Committees and Boards	a. Notify Board Chair of requests pertaining to Town Committees or Boards and coordinate a plan of action with the Board	On going	
	b. Coordinate effectively with DPW per Memorandum of Understanding	On going	
	c. Partner with others to research and share information about energy sector initiatives and policies in other communities	On going - GSEP committee	
5. Staff Development	Develop staff capabilities through Board presentations on projects or efforts	On going	
Major Items Not Covered.			



**2023 Performance Goals & Evaluation
Peter Dion, General Manager**

Evaluation Summary

Rating:

- B.1 – Safety (1 to 5): ___ * 3.334 = __% (max 16.67%)
- B.2 – Operational (1 to 5): ___ * 3.334 = __% (max 16.67%)
- B.3 – Customer Service (1 to 5): ___ * 3.334 = __% (max 16.67%)
- B.4 – Financial (1 to 5): ___ * 3.334 = __% (max 16.67%)
- B.5 – Environmental (1 to 5): ___ * 3.334 = __% (max 16.67%)
- B.6 – Leadership (1 to 5): ___ * 3.334 = __% (max 16.67%)

Total Rating (out of 100%): _____%

Total Incentive (out of 6%): _____%

2023 Annual Conference

Mystic Marriott Hotel & Spa

(August 20 – 23, 2023) *(Agenda details are subject to change)*

Sunday, August 20, 2023	
2:00 pm	Registration, Welcome Wagon
3:30 pm	Member Value Committee Meeting
4:00 pm	Support NEPPA's Student Scholarship Fund – <i>Meet us in The Lobby Bar</i>
6:00 pm	Welcome Reception

Monday, August 21, 2023	
7:00 am	Registration, Breakfast
8:00 am	Welcome & Opening Remarks
8:15 am	Welcome from Connecticut
8:45 am	Keynote: Mr. Gordon van Welie, President and CEO of ISO New England Inc.
9:45 am	<i>Break and Visit with Sponsors</i>
10:00 am	General Session #1 Fuels Futures & Market Analytics by Mike Zenker, NextEra
11:00 am	<i>Break and Visit with Sponsors</i>
11:15 am	General Session #2 The Cool New Thing in Superconducting - Transmission Capacity at Distribution Voltage by Stephen Conant, VEIR <i>How superconductors are cooled, limited their broadscale adoption on the electric grid. New methods for cooling being developed by VEIR will for the first time allow superconductors to be deployed overhead and over long distances, while moving five to ten times capacity of traditional conductors within existing corridors.</i>
12:15 pm	<i>Lunch and Visit with Sponsors</i>
1:15 pm	General Session #3 Nuclear Carbon Free Generation - Short & Long term vision - Millstone by Michael O'Conner, Millstone/ Dominion Energy
2:15 pm	<i>Break and Visit with Sponsors</i>
2:30 pm	General Session #4 Insights from MIT's Future Energy Systems Center on the Pathways to Net Zero by John Parsons, MIT
3:45 pm	Annual Business Meeting
4:00 pm	Advocacy & Reporting Committee Meeting
5:45 pm	Children's Program
6:00 pm	Networking Reception <i>Visit with Sponsors</i>
7:00 pm	Awards Dinner <i>(formal attire requested)</i>
9:00 pm	Open Bar Hosted by Energy New England

	Tuesday, August 22, 2023
7:00 am	Breakfast Buffet
8:00 am	General Session #5 Legislative Update by Elizabeth Whitney, Principal, Meguire Whitney, LLC.
9:00 am	Break and Visit with Sponsors
9:15 am	General Session #6 Electrifying Everything: What the IRA's Electrification Incentives Mean for Utilities by Noah Goldmann, Rewiring America <i>The Inflation Reduction Act will incentivize millions of additional heat pump and electric vehicle sales over the next ten years, increasing electricity demand and changing electricity utilization patterns. Come learn about the IRA's residential and commercial electrification incentives, their potential effects and how utilities stand to gain.</i>
10:15 am	Break and Visit with Sponsors
10:30 am	General Session #7 High Level Overview of the Threat Landscape with Emphasis Physical Security by Manny Cancel, E-ISAC
11:30 am	Box Lunch
11:45 am	Benevolent Fund Activities: #1 Golf Tournament -Shotgun Start at 1:00 PM <i>Lunch for Golfers at Course - Only</i> Pequot Country Club 127 Wheeler Road Stonington, CT 06378 #2 Mystic Aquarium 55 Coogan Blvd. Mystic, CT 06355
5:00 pm	Dinner on Own
7:00 pm	Tournament Awards
7:30 pm	#NEPPAYPG Meet-up (Young Professional Group): Ghost Tour and Pub Crawl Meet at 7:15 at the Big Whale, 53 W. Main St., Mystic, CT. 06355

	Wednesday, August 23, 2023
7:00 am	Farewell Breakfast
9:00 am	NEPPA Board of Directors Meeting
11:00 am	Conference Adjourns

Learn more about EV charging rate on Wed.

WAKEFIELD — The Wakefield Municipal Gas & Light Department (WMGLD) will hold an informational meeting about its new EV Time-of-Use (EVM-TOU) rate as well as other EV programs on Wednesday, August 23 from 7 to 8 p.m. via the Zoom platform.

The session will focus on the new EVM-TOU program, an optional residential rate structure for WMGLD customers with a separate meter installed specifically for EV charging. To encourage off-peak charging, the program offers customers discounted rates when they charge their EV during specified hours of the day. According to the WMGLD, the current peak times are 4 p.m. to 9 p.m.; however,

peak times may be subject to annual changes.

“Customers should charge their EVs during off-peak hours to take advantage of the discounted rate,” WMGLD General Manager Pete Dion said. “If a customer charges during the peak times of 4 p.m. to 9 p.m., they will pay a premium for any kWh used during that period.”

The informational session will help guide customers through the process in order to receive the EVM-TOU rate. Customers must install a separate meter socket in their home for the Level-2 EV charger which may require upgrades to the home’s electric service to support the additional load of a Level-2 EV charger. A licensed electrician

must wire the separate meter socket along with any necessary upgrades in the home. Once completed, they can apply for the EVM-TOU rate, and once accepted, the WMGLD will install the Time-of-Use Meter. After the installation of the TOU meter, customers will have the opportunity to apply for the WMGLD’s EV Meter incentive program, which helps pay for the costs associated with the installation of a separate meter and upgrades to the electric service.

“The online session will also provide information about the EV programs and rebates offered through the WMGLD as well as state and federal governments,”

the General Manager added. “We encourage customers to join in the webinar if they have an EV or if they are deciding whether an EV is right for them.”

WMGLD customers can participate in the meeting via internet or phone. To register in advance, go to: <https://us06web.zoom.us/j/9999999999>. After registering, customers will receive a confirmation email containing information about joining the webinar.

For more information about EV Time-of-Use rate and other WMGLD EV programs, visit the website www.wmgld.com.

High wire act



WAKEFIELD MUNICIPAL Gas & Light Department crews worked recently at Water and Preston streets.