

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



June 21, 2023

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

DATE: June 21, 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

Join Zoom Meeting

<https://us06web.zoom.us/j/81109181927?pwd=V1c1QURhcW50OQ1VBTUxRQ3dDVExJQT09>

Meeting ID: 811 0918 1927 Passcode: 156964

Dial in: 646 876 9923 Meeting ID: 811 0918 1927

Passcode: 156964

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**

**June 21, 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 May 3, 2023 Minutes

- D. **Old Business**
 - 1 Project Updates
 - A. Energy Park
 - 2 Supply Update
 - 3 Community Solar Discussion

- E **New Business**
 - 1. Discussion of Applicants for Vacant Board Position

- 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

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

Peter D. Dion, General Manager

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

May 16, 2023

IN ATTENDANCE: Commrs., Chair Jennifer Kallay
Elton Prifti, Secretary
Thomas Boettcher
Phil Courcy
Jack Warchol

Peter Dion, General Manager, WMGLD
Mark Cousins, Finance Manager
Dave Polson, Engineering and Operations Manager
Sylvia Vaccaro, Minute Secretary

Members of the Public

Karen Johnson, Malden resident

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

CALL TO ORDER:

Commr. Kallay called the meeting to order at 6:45 pm and advised the meeting was being recorded.

CHAIR REMARKS:

Commr. Kallay congratulated Commr. Warchol on his reelection to the WMGLD Board of Commissioners for another 3 years. She reminded the Board that MEAM (Municipal Electric Association of Massachusetts) will hold its annual meeting this Thursday and Friday, so if anyone is interested, please sign up.

She also mentioned that she has the video of the first Statewide meeting of Commissioners, which covered rate design in the 21st century and will be happy to circulate it to the Board. She noted that a survey will be sent out to all Commissioners to get their thoughts about this concept moving forward.

COMMISSIONER REMARKS:

Commr. Boettcher stated that that both he and Commr. Kallay attended MMWEC’s annual conference on May 3rd and 4th. He stated that it covered many interesting topics including legislative updates, market trends, updated technologies as well as ongoing projects. He also thanked Pete and Dave for the presentation on our Energy Park, highlighting its innovation, which sparked a lot of questions and discussions.

TOWN COUNCIL LIASON:

Not present.

Public Comments

Karen Johnson stated that she was in attendance to listen to information about the Energy Park.

A motion was made by Commr. Prifti to discuss the DPU report of 2022 out of order and seconded by Commr. Boettcher.

Roll Call Vote:	Commr. Courcy	Aye
	Commr. Prifti	Aye
	Commr. Boettcher	Aye
	Commr. Warchol	Aye
	Commr. Kallay	Aye

Vote: The motion was approved unanimously 5-0.

2022 DPU Report

Mark Cousins explained that this report contains both financial and non-financial information. It includes information such as kWh sold, cubic feet of gas sold, number of connected electric and gas meters, detailed plant information, and financial statements. The report is based on a calendar year and filed annually with the DPU. This public information is available on the DPU’s website in their central depository labeled File Room and on WMGLD’s website. Pete mentioned that WMGLD DPU reports for the past 12 years are available on our website. Mark stated that he is asking the Board to execute and sign off on this report so he can file it with the State.

A Motion was made by Commr. Boettcher to approve the DPU Annual Report of WMGLD for year end 2022 and seconded by Commr. Prifti.

Roll Call Vote: Commr. Courcy Aye
 Commr. Prifti Aye
 Commr. Boettcher Aye
 Commr. Warchol Aye
 Commr. Kallay Aye

Vote: The motion was approved unanimously 5-0.

SECRETARY’S REPORT

Approval of the April 5, 2023, minutes was before the Board for approval. Commr. Boettcher provided amendments for clarification on page 5.

A motion to approve the April 5, 2023, with amendments as discussed was made by Commr. Prifti and seconded by Commr. Warchol.

Roll Call Vote: Commr. Courcy Aye
 Commr. Prifti Aye
 Commr. Boettcher Aye
 Commr. Warchol Aye
 Commr. Kallay Aye

Vote: The motion was approved unanimously 5-0.

Commr. Courcy informed the Board that he is relocating outside of Wakefield, therefore he is resigning from his position as a Commissioner. He stated that he has enjoyed working with everyone and wished all well and continued success. Both the Board and staff thanked Commr. Courcy for his service.

OLD BUSINESS:

Project Updates

Energy Park

Pete said the appraisal and the alternative analysis has been completed and submitted to the State. Both documents are available to the public on WMGLD’s website. He noted that the bid and procurement process of major equipment has begun. The generator bid came in last week and will be evaluated. He stated that the generator does have the longest lead times. Pete mentioned that Dave Polson is working closely with Mike McCarthy to ensure that before we sign any contract, we minimize our financial risks in terms of losing deposits, if for any reason this project does not continue. He said that we are in discussions with the battery vendor. However, with 11 other Municipals involved in other battery projects our risks are lower. The next step will be working on other major equipment and switch gear.

On the regulatory side we are working with the State, and we are still waiting on an assignment of a DOER legislative liaison. Commr. Boettcher asked to be kept up to date on both the State and legislative side.

Karen Johnson asked if there has been a public announcement that WMGLD submitted a request to the State for the Energy Park. She also inquired when the public will be able to submit comments. Pete mentioned that the Home-Rule petition was filed in January of 2023 and that the State has not submitted a calendar for public comment yet. She asked when and how this would be announced. Pete said that it will be on the State's website as well as WMGLD's website. He explained that WMGLD does not control this calendar, the State does.

Winter Supply Update

Pete said the rates have been held constant from January. He stated that the gas rate will be lowered next month. He mentioned that he received positive results from the assignment of capacity from National Grid. The reassignment of capacity did come in at the expected levels and hopefully we will see the benefits of this next season. Mark Roberts will review these benefits for the up coming heating season at a Board meeting this Fall. Commr. Boettcher inquired if there will be a carryover of some of the winter rates. Pete said there is an assignment of capacity that has to be paid throughout the year. Commr. Prifti asked if we will be starting the price change early in the season. Pete said we try to levelize the rate for the whole season. Commr. Warchol stated that we will just monitor the situation to try to avoid fluctuations for next year. Commr. Boettcher requested an update on the 480 North Ave. solar project. Dave Polson responded that equipment has been coming in and is being stored at WMGLD facilities. Site walks have also been conducted. He said that the project has an early Fall start date. Commr. Boettcher said we still need to address how the mechanics of the Community Solar project rates will work and the dedication of this project. Pete mentioned that Florida Power and Light as well as some utilities in the western states have models, we can review to help assist us in establishing rates for this community project. All agreed that discussions about models should occur over the summer, over the next two Board meetings.

2023 Strategic Planning Discussion

Pete said that he and Commr. Kallay discussed that it may be best to wait until the new Commissioner has joined the Board before starting this discussion. He spoke to Jon Wortman about targeting the September - October timeframe to have this separate Strategic planning session. Commr. Kallay inquired about what the output would look like. She said that perhaps a more public-facing output would be more beneficial. She would like to see a sample of the deliverables, so the Board can review what options are available and decide which would be best.

Collective Bargaining- Contract Amendments

Pete confirmed that a Memorandum of Agreement has been reached with both Associations on a cost-of-living adjustment and very limited market-based adjustments. This agreement stands alone and does not establish a precedent. This acknowledges that due to the market and economic factors in the region the following compensation adjustments will be made for all employees effective July 1, 2023: a market-based adjustment will be made to the First-Class Lineman hourly rate of \$1.20 and a market-based adjustment will be made to the Lead Lineman hourly rate of \$1.00. Effective July 1, 2023, a cost-of-living increase of an additional 1% of the contractually agreed upon hourly rate will be applied for all. Effective July 1, 2024, the cost-of-living increase will be increased by an additional 0.5%. Commr. Prifti asked for clarification that the linemen would receive both the market-based adjustments and the cost-of-living adjustments. Pete noted that they would. Commr. Warchol inquired if this was reviewed by Mike McCarthy to which Pete noted it was.

A motion to accept the memorandum of agreement was made by Commr. Warchol and seconded by Commr. Boettcher.

Roll Call Vote:	Commr. Prifti	Aye
	Commr. Boettcher	Aye
	Commr. Warchol	Aye
	Commr. Kallay	Aye

Vote: The motion was approved unanimously 4-0.

New Business

Discussion of MMWEC & MEAM Annual Conference

Pete mentioned that the agenda for the upcoming MEAM conference is included in the Board book. Commr. Kallay asked Pete if he would be able to describe the difference between the focus of the MMWEC and MEAM conferences. Pete said that MMWEC looks at emergent technologies and projects specific to MMWEC, while MEAM represents all 40 municipals and tries to incorporate a broader scope, such as the energy market and governance. In the past, MEAM conferences have covered topics such as legal issues and collections. This year they will discuss the roles of Boards and General Managers. There will also be a discussion on the gas markets and how they will affect electric utilities in the coming years. He stated that MEAM cuts across both groups. Commr. Kallay pointed out that both conferences are held in the same month which may make it difficult for members of Boards to

attend both. Commr. Warchol asked Pete if handouts from the conference can be made available for those that cannot attend. Pete stated that he will certainly make available any information from the conference. Pete mentioned how MEAM members recently rallied together to gather, organize, and share crucial information with the town of Merrimac, when the proposition of selling the town's electric utility was up for vote. Eighty-eight percent of the registered voters of the town came out to defeat this with a vote of 972 to 6.

Boettcher mentioned that there was good information at MMWEC's meeting on transmission. Commr. Kallay noted that there was discussion about phasing in new smaller scale nuclear technology on existing nuclear sites. Commr. Boettcher stated that the new technology requires a smaller footprint and offers better safety mechanisms. He also explained that some municipalities are now offering energy efficiency rebates based on the actual reduction of carbon instead of a flat rebate. He noted it will be interesting to see the data on these sliding scale rebates. Commr. Kallay commented that at the MMWEC conference people were fascinated at the simplicity of the payment streams for the Energy Park. He said it is simple because the host customer doesn't charge WMGLD (or its ratepayers) for the land, WMGLD doesn't charge the host customer for the solar panels, the host customer receives the output that can directly offset its energy use in real time, and generation that is more than the host customers use is given back to WMGLD ratepayers. Commr. Kallay said that because it is so simple people can understand and see the value they would receive.

Board Reorganization

Commr. Prifti deferred his role as Chair and will remain as secretary. Commr. Warchol is next in line for Chairperson.

A motion for Commr. Warchol to be Chairperson and Commr. Prifti to continue in the secretary role for the next year was made by Commr. Boettcher and seconded by Commr. Prifti.

Roll Call Vote:	Commr. Kallay	Aye
	Commr. Boettcher	Aye
	Commr. Warchol	Aye
	Commr. Prifti	Aye

Vote: The motion was approved unanimously 4-0.

Commr. Boettcher inquired if anyone wanted to take over for him as the liaison for the ESC (Environmental Sustainability Committee). This matter was postponed until the new Commissioner is on board. Commr. Kallay mentioned that perhaps the June 7, 2023, Board meeting should be rescheduled to allow time to review and evaluate resumes for the vacant Commissioner position. A discussion ensued and it was decided that the Board meeting would be rescheduled to June 21, 2023. Pete will talk to Steve

Maio about having a joint meeting with Town Council on June 26, 2023, to review and evaluate resumes of potential candidates.

A motion to adjourn was made at 7:54 pm by Commr. Kallay and seconded by Commr. Boettcher

Roll Call Vote:	Commr. Kallay	Aye
	Commr. Boettcher	Aye
	Commr. Warchol	Aye
	Commr. Prifti	Aye

Vote: The motion was approved unanimously 4-0.

DRAFT

General Manager's Report

The following is the General Managers Report for June, 2023

Engineering and Operations Report

Major New Customer Projects: (1,000 +/- new residential housing units)

- **259 Water St. at Delcarmine** - New 16 unit residential building, building in progress, convert OH to UG **Working**
- **610 Salem St.** – New 34 unit apartment building – **Working**
- **581-583 Salem St.** – New 19-unit apartment build – **Working – New Service installed**
- **525-527 Salem St** – New 22-unit building – **On-Hold**
- **404 Lowell St.** – 8 Residential units – **Working**
- **Hopkins Street @ Tarrant Lane** - Project approved by the town 173 apartments 4 buildings proposed – **Working**
- **97-99 Water St** – 5 Residential Apartments – **Permitting Phase**
- **596 North Ave** – 38 Residential Apartments – **Permitting Phase**
- **200 Quannapowitt** – 440 Apartments / 3 buildings / parking garage – **Approved**
 - **Building Demolition/Disconnect** – Q2- 2023
 - **Temporary Power** - Q2/2023
 - **Permanent Power** – 2024/2025
 - **Full Occupancy:** Q3 2025 and 2026
- **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**
- **369 – 371 Main St** – 20 Residential apartments and commercial space – **Permitting Stage**
- **10 Broadway St.** - 124 Residential apartments – **Permitting Stage**
- **7-11 Audubon Road** – New 3000 amp service commercial service upgrade – **Working**
- **46 Crescent St.** - 56 Residential units – **Permitting Stage**
- **184 Water St** – 8 Residential units and commercial – **Permitting**
- **330 Salem St.** - 19 Residential units – **Working**
- **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)

Gas Department

- Gas services began service installations on Prospect St. Gas service cutovers on Church Street were completed
- 473 meters were replaced so far this year with a target of 975 for the year.
- There are currently 1926 inside gas services and 3192 outside services. 45 services have been moved outside this year.
- Leaks Class 1 – 0* Class 2 – 0 Class 3 –46

Financial Reports

Monthly Financials for through April and Consumption Reports through April are enclosed.

Board of Commissioners
June 21, 2023
Agenda Item No. D-1

Project Updates

Energy Park

The process of obtaining approval for the easement for the land on Hemlock Road is on going. There have been new developments requiring additional steps in the process but none that seem insurmountable. Town Meeting approved the easement at the Fall Town Meeting. The department is meeting with the Conservation Commission on Tuesday evening to discuss land offset options. The project was presented to the Town Council on September 28th and received positive feedback. The project was unanimously approved by the Planning Board on October 11, 2022. The project was presented to the town's State House delegation on Friday, October 21, 2022 in anticipation of their needed support for the Home Rule Petition. The project was presented to the Wakefield Finance Committee on November 10 and was unanimously approved. We have been meeting with the Conservation Commission on offset value for the land on Hemlock Rd. We also had a very productive meet with the Assistant Secretary of the State's Office of Energy and

Environmental Affairs to discuss the Home Rule Petition. The petition was filed on January 19th by Representative Wong. We will be working with the legislative delegation on next steps. On January 27, 2023, a Fail Safe petition was filed with MEPA challenging the new NEMT project and trying to loop the Energy Park in to the petition. WMGLD has filed a response with MEPA challenging the petition. MEPA issued their final decision on March 23, 2023. They have rejected the Fail Safe and the attempt to link the NEMT school project and the Energy Park. Both the Alternatives Analysis and the independent valuation of the properties under review have been filed with the State and are on our website. Bids were received for the generator, terms have been negotiated and we will be committed to a deposit of \$350,000 by the end of August.

Major Projects:

Solar Projects:

- 480 North Ave. (228.76 kW DC total) – Ameresco some material delivered & site meetings scheduled
 - Building system – 108 kW DC
 - Community Solar – 120 kW DC
- 1 Wakefield Ave –rebidding in 2023 - on hold
 - Building system – 33 kW DC

Electric Meter Inspections Scheduled to start in May

- Residential – in progress 3,260 of 13,800 meters inspected, 24% completed
- Commercial – CT Testing scheduled in Jan 2024

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 – **Working***
- Converting portions of ckt 9 on Water to ckt 0012 – **Completed**

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 in the Fall 2023) **(47 people have signed up as of 6/15/2023)**
- Hazard Tree Removals Survey Scheduled Spring 2023 – In progress
- Tree Plantings in the public way scheduled Fall of 2023

Substations:

- **Beebe Substation** – Relay upgrades on main breakers – Working

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 12 of 14 poles. **Verizon 2 more poles to transfer.**
- **NEMT, WHS and Energy Park** – Meeting bi-weekly on Energy Park Design and solar layouts for both schools.
 - Energy Park:
 - Town Council Approved
 - Planning Board Approved
 - FinCom Approved
 - Town Meeting Approved 11/19/2022
 - ConCom - **ON-GOING**
 - Generator Bid – under evaluation
 - Switchgear Bid – Preparing to be advertised June
- **Vets Field Lighting** – Upgrade lighting at Vets field with LED fixtures and install secondary cable – **WORKING**

Information for Discussion at this time

Board of Commissioners
June 21, 2023
Agenda Item No. D-2

Supply Updates

Winter electric rates have been held constant since January and gas rates have been lowered for the summer months. We are in the process of assessing the value of the additional capacity assignment for next winter.

Information for Discussion at this time

**Board of Commissioners
June 21, 2023
Agenda Item No. D-3**

Community Solar

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

Information for Discussion at this time

**Board of Commissioners
June 21, 2023
Agenda Item No. E-1**

WMGLD Commissioner Appointment

There will be a joint meeting on June 26, 2023 of the WMGLD Board of Commissioners and the Town Council to appoint a new commissioner to fill the unexpired term created with the resignation of Commissioner Courcy. The Board will review the applications received and discuss a recommendation to the Town Council

Information for Discussion at this time

Executive Session- If necessary

APPENDICIES

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

	4/30/2022	4/30/2023
ASSETS		
Sinking Fund - Self Insurance	\$ 180,237.02	\$ 186,247.77
Depreciation Fund	183,026.75	185,566.54
Consumer Deposits	884,701.31	905,015.14
Total Investments	<u>1,247,965.08</u>	<u>1,276,829.45</u>
Operating Cash	12,593,458.62	13,714,439.69
Depreciation Fund	2,723.50	2,760.95
Consumer Deposits	299,230.58	315,692.93
Petty Cash	525.00	525.00
Total Cash	<u>12,895,937.70</u>	<u>14,033,418.57</u>
Accounts Receivable-Rates	3,414,326.82	3,772,604.21
Accounts Receivable-Other	1,627,970.18	1,457,550.66
Inventory	693,818.88	1,079,228.53
Prepayments Miscellaneous	1,051,171.37	1,025,822.18
Prepayments Power	4,349,821.35	4,765,923.42
Other Deferred Debits	641,829.43	837,815.33
Total Other Assets	<u>11,778,938.03</u>	<u>12,938,944.33</u>
Total Current Assets	25,922,840.81	28,249,192.35
Distribution Plant	19,760,060.30	18,839,344.87
General Plant	1,610,597.76	1,358,087.47
Net Fixed Assets	<u>21,370,658.06</u>	<u>20,197,432.34</u>
Total Assets	<u><u>\$ 47,293,498.87</u></u>	<u><u>\$ 48,446,624.69</u></u>
LIABILITIES AND EQUITY		
Accounts Payable	\$ 225,056.04	\$ 1,559,048.10
Consumer Deposits	1,183,931.89	1,220,708.07
Other Accrued Liabilities	3,832.00	10,787.98
Reserve for Uncollectable Accounts	127,607.01	106,502.84
Total Current Liabilities	<u>1,540,426.94</u>	<u>2,897,046.99</u>
Compensated Absences	429,177.54	406,034.46
MMWEC Pooled Loan Debt	10,241,315.13	8,646,284.12
OPEB Liability	1,231,362.25	647,512.25
Pension Liability	7,083,750.00	6,425,250.00
Total Long Term Liabilities	<u>18,985,604.92</u>	<u>16,125,080.83</u>
Total Liabilities	20,526,031.86	19,022,127.82
Retained Earnings	11,758,002.40	12,944,976.77
Year to Date Income	1,809,372.55	1,336,370.29
Sinking Fund Reserve-Self Ins	180,237.02	186,247.77
Contribution in Aid of Construction	3,705,337.66	3,705,337.66
Investment in Fixed Assets	9,314,517.38	11,251,564.38
Total Equity	<u>26,767,467.01</u>	<u>29,424,496.87</u>
Total Liabilities and Equity	<u><u>\$ 47,293,498.87</u></u>	<u><u>\$ 48,446,624.69</u></u>

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

	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Energy Revenue (Net of Discounts)				
Residential Sales	\$ 1,033,827.68	\$ 1,304,738.91	\$ 12,045,143.40	\$ 14,345,008.28
Commercial Sales	964,985.11	1,197,936.11	9,881,008.90	11,692,740.82
Street Lighting	15,678.00	15,678.00	156,775.00	156,775.00
Municipal Sales	100,439.05	136,244.67	1,077,637.97	1,300,255.30
Private Area Lighting	7,305.00	7,354.50	73,733.67	73,278.17
Green Choice Revenue	708.78	928.56	7,503.47	10,283.15
EV Chargers	-	1,040.36	-	2,546.30
Total Energy Revenue	2,122,943.62	2,663,921.11	23,241,802.41	27,580,887.02
Other Revenues				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	326.14	2,108.88	3,118.08	19,153.35
Interest Income-Depreciation Fund	11.33	231.67	115.07	2,336.50
Interest Income-Self Ins Sinking Fund	71.05	763.62	250.37	5,683.42
Interest Income-MMWEC	(6,519.51)	2,949.21	(32,232.44)	29,588.33
Income (Exp) - Merchandise & Jobbing	(1,607.03)	(50,893.63)	73,366.09	15,219.09
Other Revenues	100.00	200.00	600.00	800.00
Sales Tax	49,049.10	63,556.24	510,642.28	612,120.34
Conservation Charge	38,136.55	50,477.47	277,547.13	502,806.25
Reconnect Fees	325.00	400.00	2,025.00	1,500.00
Comcast & RCN Pole Fees	-	14,766.00	210,037.31	103,652.25
Insurance Reimbursements	-	-	23,876.02	1,246.28
Other Electric Revenue	527.67	14,796.47	12,761.84	235,927.30
Total Other Revenue	80,420.30	99,355.93	1,082,106.75	1,530,033.11
Total Revenue	2,203,363.92	2,763,277.04	24,323,909.16	29,110,920.13
Power Costs				
Purchased Power	(1,045,201.99)	(1,289,234.02)	(12,858,997.82)	(17,095,874.63)
Power Expense Generation	(7,990.83)	(6,612.29)	(84,959.84)	(71,329.33)
Power Expense Battery	(6,307.51)	(5,843.47)	(64,772.62)	(60,188.20)
Total Power Costs	(1,059,500.33)	(1,301,689.78)	(13,008,730.28)	(17,227,392.16)
Gross Profit	\$ 1,143,863.59	\$ 1,461,587.26	\$ 11,315,178.88	\$ 11,883,527.97
Operating Expenses				
Miscellaneous Operating Expenses				
Depreciation Expense	(244,141.65)	(189,529.33)	(2,416,941.57)	(2,222,967.04)
Sales Tax	(49,049.10)	(63,556.24)	(510,642.28)	(612,120.34)
Interest Expense-Consumer Deposits	(1,017.07)	(2,848.15)	(6,256.43)	(6,438.38)
Interest Expense-Sub + MMWEC	(17,103.28)	(15,310.20)	(192,054.90)	(166,475.67)
Total Misc Operating Expenses	(311,311.10)	(271,243.92)	(3,125,895.18)	(3,008,001.43)
Distribution Expenses				
Supervision and Engineering	(21,954.87)	(15,817.77)	(226,977.72)	(207,162.27)
Substation Salaries and Expense	(38,204.76)	(43,717.51)	(556,881.27)	(489,709.22)
Customer Installation Expenses	(506.17)	(795.01)	(5,950.06)	(6,060.80)
Distribution Operations Expense	(56,504.04)	(40,182.81)	(542,243.99)	(570,484.25)
Total Distribution Expenses	(117,169.84)	(100,513.10)	(1,332,053.04)	(1,273,416.54)

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

	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Maintenance Expenses				
Supervision and Engineering	(21,656.07)	(18,174.40)	(184,877.51)	(192,161.53)
Maintenance of Station Equipment	(304.00)	-	(930.71)	(2,265.66)
Maintenance of Other Equipment			(942.44)	(1,095.00)
Maintenance of Overhead Lines	(75,287.88)	(110,269.69)	(1,061,479.82)	(1,003,759.54)
Maintenance of Underground Lines	-	(57.72)	(2,220.25)	(2,852.47)
Maintenance of Line Transformers	-	-	(5,630.00)	-
Maintenance of Street Lighting	-	-	(476.28)	-
Maintenance of Meters	(506.17)	(795.01)	(5,950.06)	(29,310.89)
Maintenance of Distribution Plant	(1,161.59)	(1,911.02)	(12,787.74)	(12,935.32)
Total Maintenance Expenses	(98,915.71)	(131,207.84)	(1,275,294.81)	(1,244,380.41)
Customer Account Expense				
Meter Reading Expense	(3,331.84)	(3,591.02)	(34,989.31)	(40,196.54)
Customer Records & Collection Exp	(67,820.14)	(81,625.14)	(623,568.44)	(841,956.45)
Total Customer Account Exp	(71,151.98)	(85,216.16)	(658,557.75)	(882,152.99)
Administrative and General Expenses				
Community Relations & Advertising	(15,208.85)	(11,855.25)	(46,526.75)	(526,243.00)
Administrative Salaries and Expense	(23,689.95)	(14,991.46)	(170,734.72)	(175,577.38)
Business Mgr, Office Salaries & Exp	(17,609.54)	(9,497.38)	(166,823.73)	(168,490.12)
MIS Salaries and Expense	1,172.08	(13,874.62)	(273,680.08)	(288,268.10)
Outside Services	-	-	(20,625.00)	(16,500.00)
Conservation & Rebates	(28,877.43)	(49,158.95)	(338,186.71)	(756,569.59)
Property & Liability Insurance, Damages	(11,026.94)	(11,110.42)	(108,989.29)	(112,915.67)
Employee Pensions and Benefits	(121,318.84)	(129,472.05)	(1,291,299.71)	(1,340,111.41)
General Administrative Expense	(939.62)	168.58	(29,506.02)	(51,540.52)
Maintenance of General Plant	(7,223.08)	(13,469.50)	(75,686.92)	(69,627.70)
Total Admin & General Expenses	(224,722.17)	(253,261.05)	(2,522,058.93)	(3,505,843.49)
Net Income (Loss) Before Surplus				
Adjustments	\$ 320,592.79	\$ 620,145.19	\$ 2,401,319.17	\$ 1,969,733.11
Surplus Adjustments				
Additions				
Sale of Scrap	-	-	43,085.39	19,209.15
MMWEC Refund	-	-	-	-
Total Additions to Surplus	-	-	43,085.39	19,209.15
Subtractions				
Interest on Sinking Fund	71.05	763.62	250.37	5,683.42
Payment in Lieu of Taxes	58,240.63	59,114.25	582,406.26	591,142.50
Plant Removal Costs	-	-	52,375.38	55,746.05
Total Subtractions from Surplus	58,311.68	59,877.87	635,032.01	652,571.97
Net Income (Loss)	\$ 262,281.11	\$ 560,267.32	\$ 1,809,372.55	\$ 1,336,370.29

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

	4/30/2022	4/30/2023
ASSETS		
Sinking Fund - Self Insurance	\$ 180,237.02	\$ 186,247.77
Consumer Deposits	97,169.18	102,086.49
Total Investments	277,406.20	288,334.26
Operating Cash	(17,261,298.61)	(20,101,745.31)
Consumer Deposits	204,390.50	206,822.01
Petty Cash	175.00	175.00
Total Cash	(17,056,733.11)	(19,894,748.30)
Accounts Receivable-Rates	1,289,678.72	1,647,711.08
Inventory	718,957.93	737,283.45
Prepayments Miscellaneous	168,458.87	173,304.24
Other Deferred Debits	214,900.53	273,124.63
Total Other Assets	2,391,996.05	2,831,423.40
Total Current Assets	(14,387,330.86)	(16,774,990.64)
Distribution Plant	25,230,732.54	25,586,613.18
General Plant	470,043.95	491,489.72
Net Fixed Assets	25,700,776.49	26,078,102.90
Total Assets	\$ 11,313,445.63	\$ 9,303,112.26
LIABILITIES AND EQUITY		
Accounts Payable	\$ (1,758.77)	\$ 1,495,520.30
Consumer Deposits	301,559.68	308,908.50
Other Accrued Liabilities	1,273.08	3,118.26
Reserve for Uncollectable Accounts	127,607.01	106,502.84
Total Current Liabilities	428,681.00	1,914,049.90
Compensated Absences	271,895.82	250,058.31
OPEB Liability	308,967.75	215,836.75
Pension Liability	2,361,250.00	2,141,750.00
Total Long Term Liabilities	2,942,113.57	2,607,645.06
Total Liabilities	3,370,794.57	4,521,694.96
Retained Earnings	(17,014,348.96)	(18,446,691.79)
Year to Date Income (Loss)	(627,034.07)	(2,943,089.75)
Sinking Fund Reserve-Self Ins	180,190.42	186,201.17
Contribution in Aid of Construction	13,600.00	13,600.00
Investment in Fixed Assets	25,390,243.67	25,971,397.67
Total Equity	7,942,651.06	4,781,417.30
Total Liabilities and Equity	\$ 11,313,445.63	\$ 9,303,112.26

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

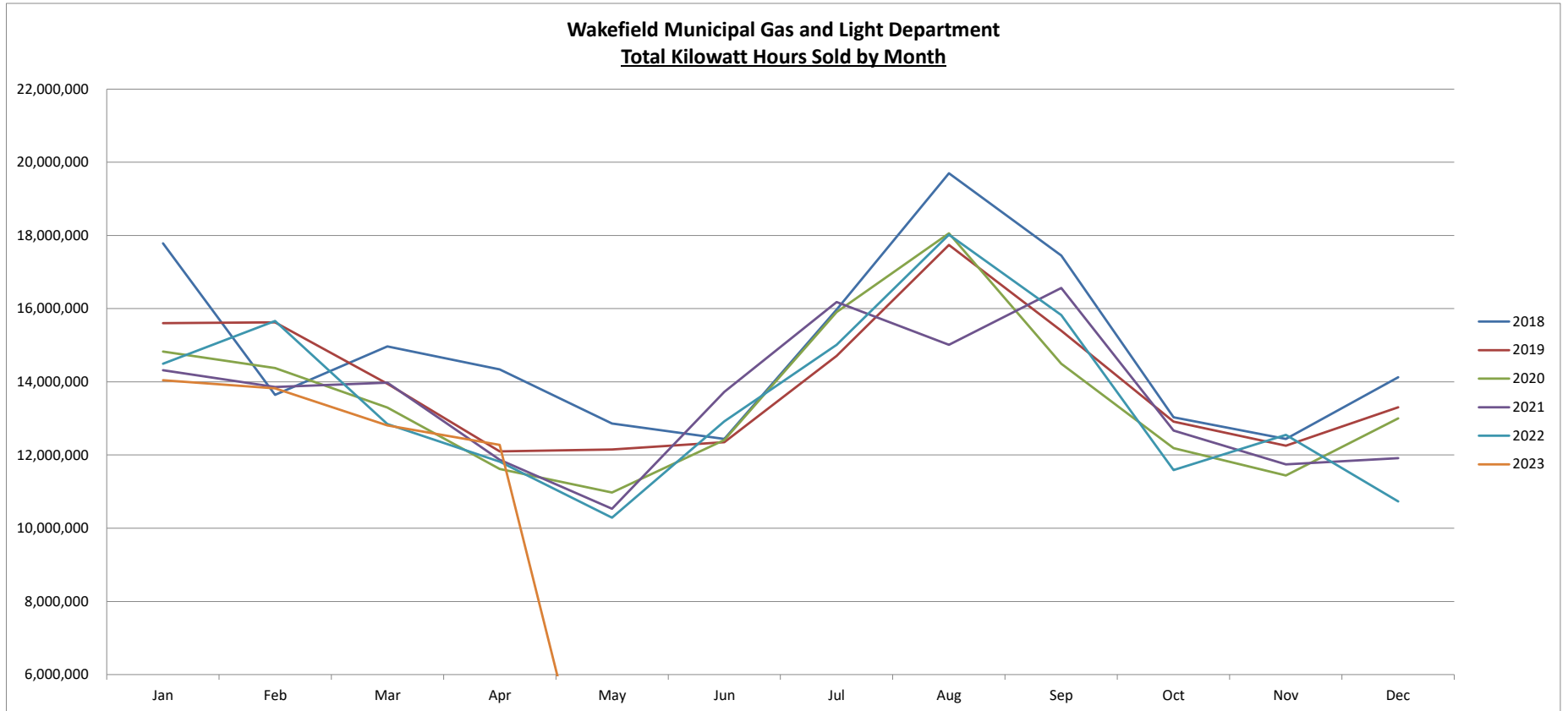
	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Energy Revenue (Net of Discounts)				
Residential Sales	\$ 819,538.76	\$ 1,137,569.18	\$ 7,174,896.60	\$ 8,464,411.25
Commercial Sales	247,324.18	348,042.31	2,134,098.29	2,522,218.33
Municipal Sales	79,055.77	106,473.74	765,874.84	939,531.86
Total Energy Revenue	1,145,918.71	1,592,085.23	10,074,869.73	11,926,161.44
Other Revenues				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	36.25	527.23	315.15	4,788.35
Interest Income-Self Ins Sinking Fund	71.06	763.63	328.33	5,683.43
Income from Merchandise & Jobbing	1,202.13	-	12,194.57	26,373.88
Special Gas Charges	-	5,239.26	350.60	5,239.26
Sales Tax	10,522.20	17,385.01	92,492.64	116,694.27
Reconnect Fees	-	-	-	-
Insurance Reimbursements	-	-	-	50.00
Other Gas Revenue	74.03	74.03	34,292.10	76,924.15
Total Other Revenue	11,905.67	23,989.16	139,973.39	235,753.34
Total Revenue	1,157,824.38	1,616,074.39	10,214,843.12	12,161,914.78
Gas Purchased	(368,099.18)	(676,138.22)	(6,343,228.80)	(10,803,000.13)
Gross Profit	\$ 789,725.20	\$ 939,936.17	\$ 3,871,614.32	\$ 1,358,914.65
Operating Expenses				
Miscellaneous Operating Expenses				
Depreciation Expense	(172,822.89)	(180,071.11)	(1,674,526.85)	(1,757,221.66)
Sales Tax	(10,522.20)	(17,385.01)	(92,492.64)	(116,694.27)
Interest Expense-Consumer Deposits	(270.36)	(712.03)	(1,663.10)	(1,609.59)
Total Misc Operating Expenses	(183,615.45)	(198,168.15)	(1,768,682.59)	(1,875,525.52)
Distribution Expenses				
Supervision and Engineering	(17,209.44)	(21,593.44)	(201,157.75)	(244,532.03)
Station Labor and Expenses	(15,693.30)	(16,778.52)	(181,571.59)	(224,521.59)
Mains and Service	5,374.31	2,344.36	45,654.32	34,039.70
Customer Installation Expenses	(14,225.41)	(13,648.60)	(224,886.25)	(187,020.72)
Miscellaneous Plant Expenses	(1,619.50)	(239.56)	(65,261.11)	(35,777.44)
Total Distribution Expenses	(43,373.34)	(49,915.76)	(627,222.38)	(657,812.08)
Maintenance Expenses				
Maintenance of Mains	(29,659.91)	(61,872.99)	(455,848.74)	(444,549.36)
Maintenance of Meters and House Regulators	(612.00)	(2,863.00)	(9,069.77)	(19,025.11)
Maintenance of Distribution Plant	(1,570.05)	(3,437.93)	(17,014.58)	(27,247.95)
Total Maintenance Expenses	(31,841.96)	(68,173.92)	(481,933.09)	(490,822.42)
Customer Account Expense				
Meter Reading Expense	(1,110.60)	(1,196.99)	(12,758.37)	(13,398.71)
Customer Record and Collection Expenses	(22,421.67)	(26,997.99)	(217,135.20)	(276,871.61)
Total Customer Account Expenses	(23,532.27)	(28,194.98)	(229,893.57)	(290,270.32)

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

	CURRENT MONTH		YEAR TO DATE	
	FY 2022	FY 2023	FY 2022	FY 2023
Administrative and General Expenses				
Advertising	-	-	(4,135.82)	(7,514.50)
Administrative Salaries and Expense	(7,696.64)	(4,840.14)	(52,968.81)	(55,405.23)
Business Mgr, Office Salaries & Exp	(5,469.58)	(2,822.78)	(51,325.67)	(50,874.47)
MIS Salaries and Expense	390.69	(4,624.87)	(91,226.58)	(96,144.13)
Outside Services	-	-	(7,716.59)	(18,201.59)
Property & Liability Insurance, Damages	(2,394.68)	(4,051.80)	(24,702.37)	(28,633.99)
Employee Pensions and Benefits	(23,423.78)	(23,231.43)	(251,771.10)	(274,446.35)
General Administrative Expense	(1,916.30)	54.55	(15,521.14)	(16,713.18)
Maintenance of General Plant	(2,407.70)	(4,489.84)	(25,228.99)	(23,289.33)
Total Admin & General Expenses	(42,917.99)	(44,006.31)	(524,597.07)	(571,222.77)
Net Income (Loss) Before Surplus				
Adjustments	\$464,444.19	\$551,477.05	\$239,285.62	(\$2,526,738.46)
Surplus Adjustments				
Additions	-	-	-	-
Subtractions	-	-	-	-
Interest on Sinking Fund	71.06	763.63	250.38	5,683.43
Payment in Lieu of Taxes	19,413.54	19,704.75	194,135.40	197,047.50
Plant Removal Costs	-	-	671,933.91	213,620.36
Total Subtractions from Surplus	19,484.60	20,468.38	866,319.69	416,351.29
Net Income (Loss)	\$444,959.59	\$531,008.67	(\$627,034.07)	(\$2,943,089.75)

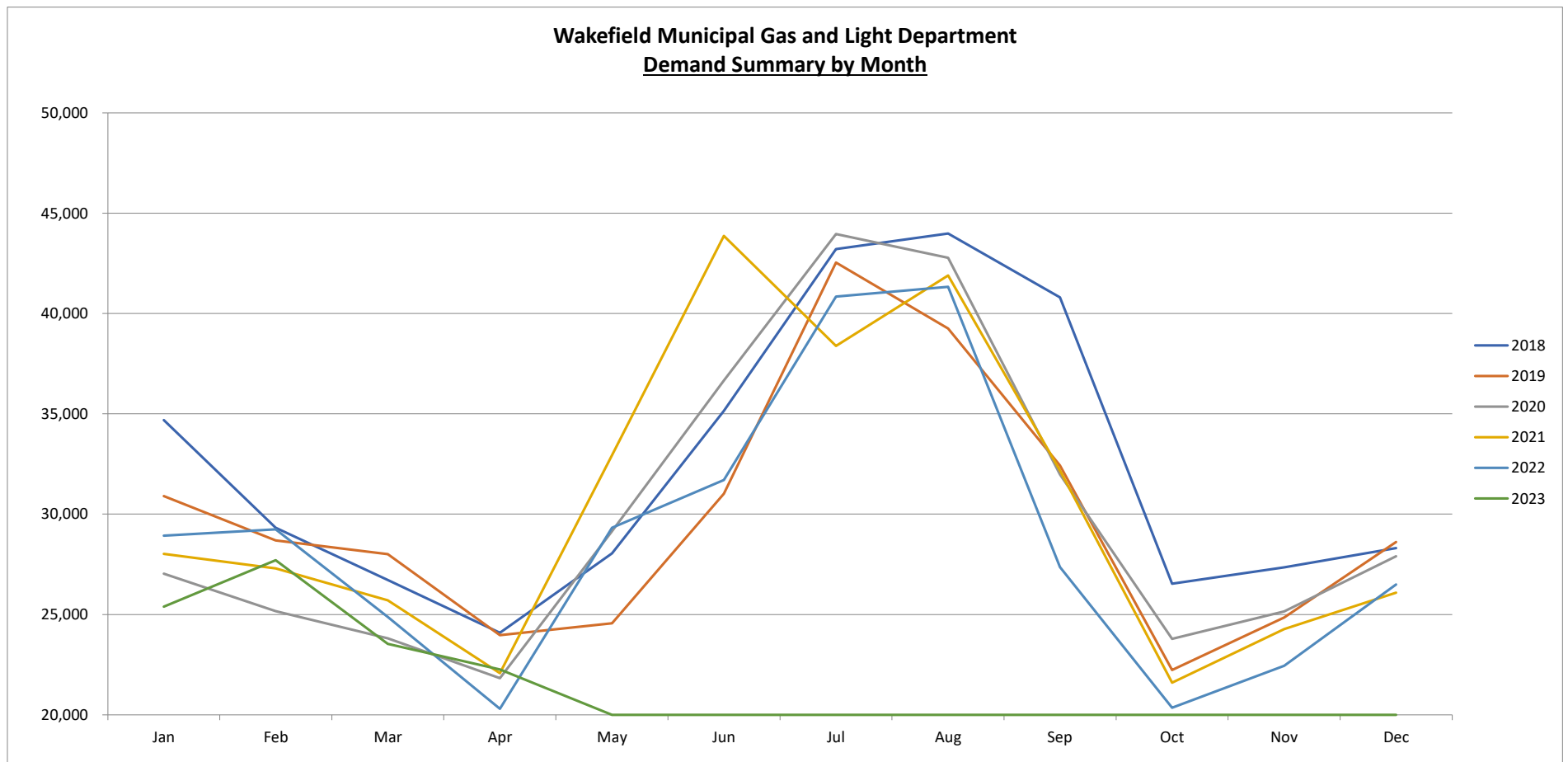
Wakefield Municipal Gas and Light Department
Total Kilowatt Hours Sold by Month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Apr	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	61,525,528	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	60,730,672	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	57,272,914	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	54,121,839	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	54,023,643	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	54,820,318	161,770,807	(0.4%)
2023	14,045,840	13,821,742	12,806,211	12,275,410	0	0	0	0	0	0	0	0	52,949,203	52,949,203	(67.3%)



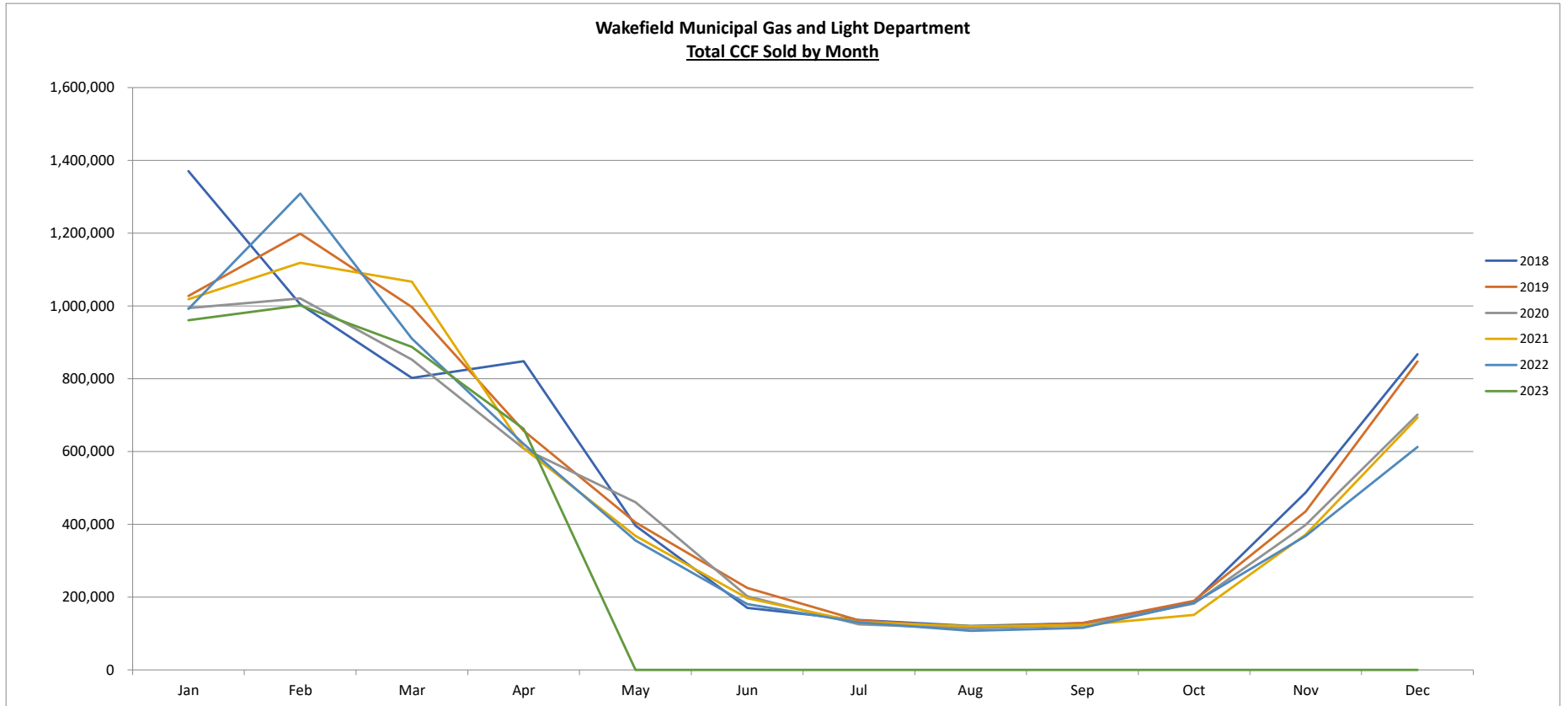
**Wakefield Municipal Gas and Light Department
Demand Summary by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Peak	Increase (Decrease)
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	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	27,704	



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 Apr	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	3,556,223	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	4,025,335	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	3,881,160	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	3,476,101	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	3,813,425	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	3,832,575	5,887,952	(1.4%)
2023	961,207	1,001,593	887,721	662,622	0	0	0	0	0	0	0	0	3,513,143	3,513,143	





APRIL 2023 WMGLD COMMISSIONER'S DASHBOARD

Outages (Elec)

	<u>SAIFI</u>	<u>CAIDI</u>
Feb	0.38	49
Mar	0.41	51
Apr	0.37	50
Cal YTD	0.40	52

CYTD Pipe Replacement

	<u>Replaced</u>	<u>System Total</u>
4"	1,000	170,414
6"	-	160,046
8"	-	82,139

New Services on the System

	<u>Electric</u>	<u>Gas</u>
Feb	2	1
Mar	3	-
Apr	1	1

Solar Generation 90 Customers

	<u>Generated</u>	<u>Back to WMGLD</u>
CYTD	608,632	206,989
Comm'l	8,450,741	1,844,000
Res	2,888,748	1,487,746
Inception	11,339,489	3,331,746

Monthly & Annual Peaks

	<u>Prior Year</u>	<u>Current Year</u>
Feb	29.2 Mw	27.7 Mw
Mar	24.9 Mw	23.5 Mw
Apr	20.3 Mw	22.3 Mw

Summer YTD Peak

<u>6/30/21</u>	<u>8/5/22</u>
43.9 Mw	41.3 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

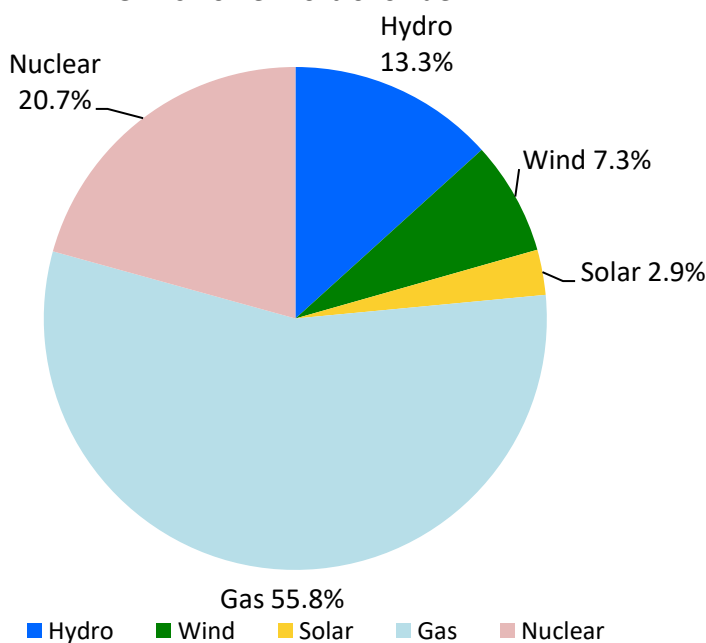
YTD FY23 Conservation Revenue Billed	\$	503,103
YTD FY23 Paid out to Customers:		
297 Appliances & Thermostats	\$	(16,963)
67 Air Sealing (insulation/windows)		(64,892)
91 Heating & Cooling		(94,945)
6 Residential Solar		(67,002)
154 Cordless Yard Equipment	\$	(8,447)

<u>GREEN CHOICE RATE</u>	<u>Apr</u>	<u>CYTD</u>
Green Choice Revenues	\$ 926	\$ 4,232
KwH billed on GC Rate	50,632	230,846
Number of Customers		97

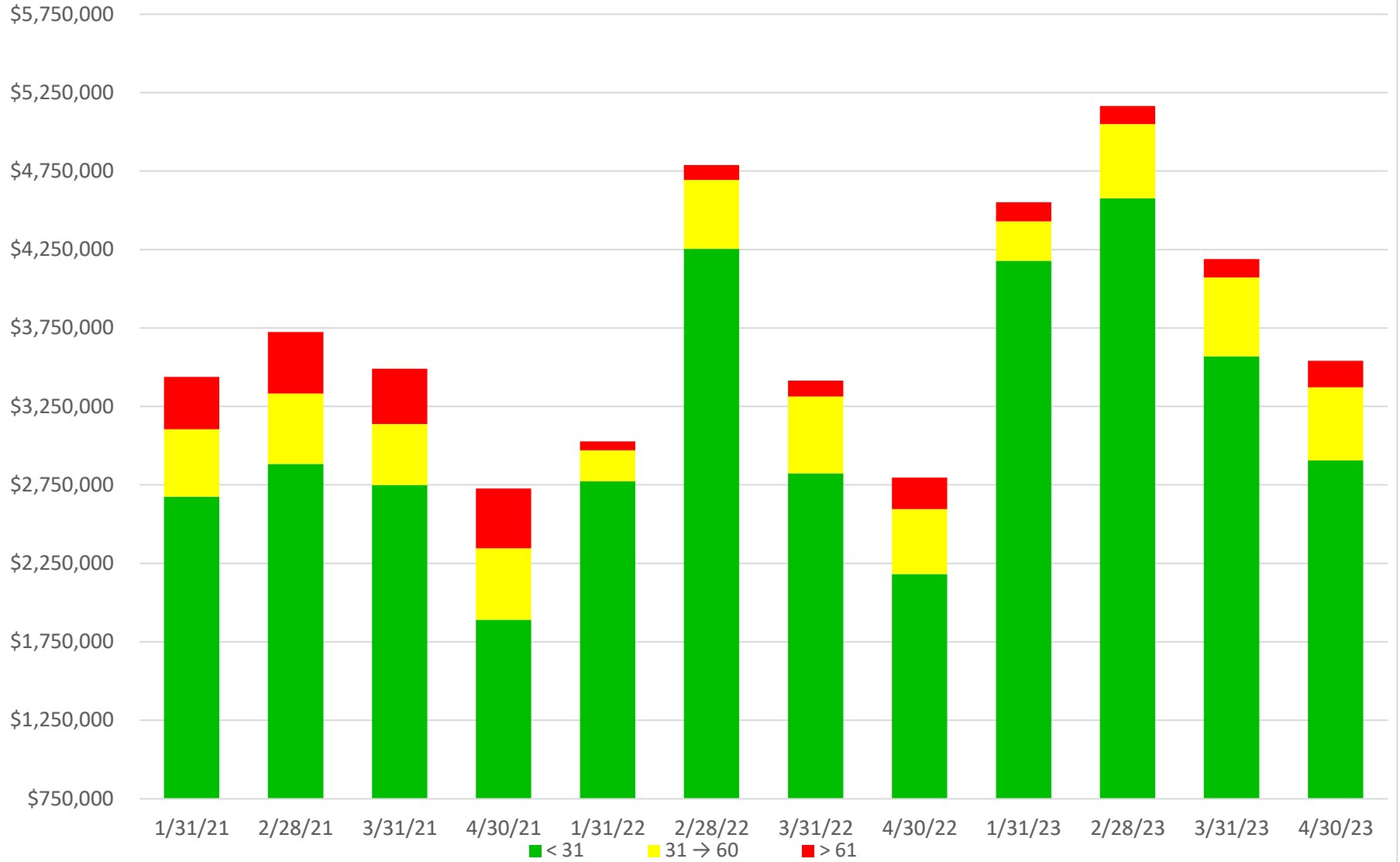
Natural Gas Peak Usage

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

WMGLD's Power Portfolio Fuel Mix



Receivables Aging - As of April 30, 2023





WMGLD Monitors May 2023 Summary

WMGLD Fleet Overview

Monitors dpolson@wmgld.com

19 Total	0 Not Sharing Data	2 Offline <small>(for 10 minutes or more)</small>	2 Uninstalled
1 Solar	0 Generator	1 400A	1 Dedicated Circuit

Status	Job ID	Serial Number	Install Date	Address	Production (Yesterday)	Consumption (Yesterday)
UP		N034000028	11/03/2020		---	44.51 kWh
UP		N032000433	11/07/2020		---	12.55 kWh
UP		N034000045	11/02/2020		---	7.61 kWh
UP		N041002835	11/11/2020		---	13.12 kWh
UP		N040002162	01/06/2021		---	9.40 kWh
UP		N011000399	02/22/2022		---	19.89 kWh
UP		N038001783	01/10/2021		---	23.43 kWh
UP		N042030177	05/15/2021		---	68.16 kWh
UP		N006000968	06/07/2021		---	28.64 kWh
UP		N124030199	12/27/2021		---	18.57 kWh
UP		N140020352	02/22/2022		---	20.87 kWh
UP		N136020041	01/14/2022		---	36.92 kWh
UP		N145021052	06/16/2022		---	6.11 kWh
UP		N145121365	12/03/2022		---	30.34 kWh
UP		N245020732	02/24/2023		31.27 kWh	21.20 kWh
OFFLINE		N033000112	10/29/2020		---	---
OFFLINE		N033000569	11/02/2020		---	---
PENDING		N035000244	---		---	---
PENDING		N249000327	---		---	---



Electric Vehicle Charging Stations

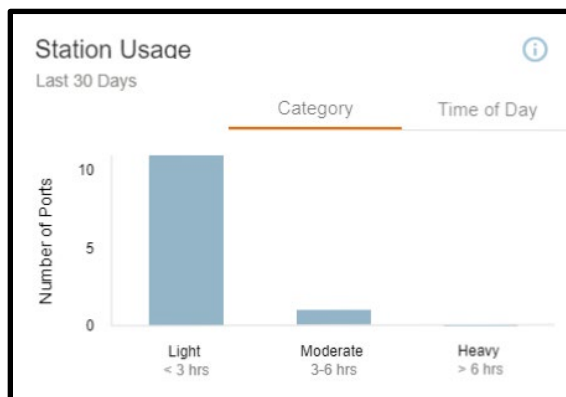
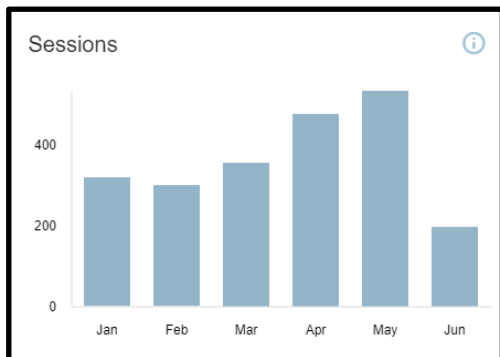
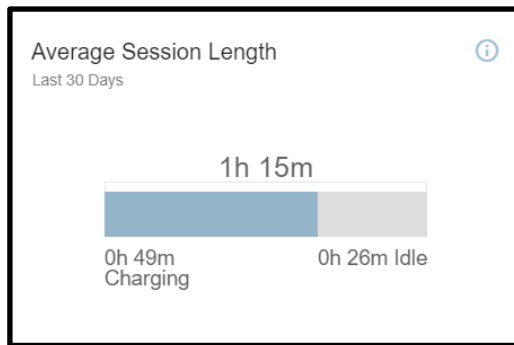
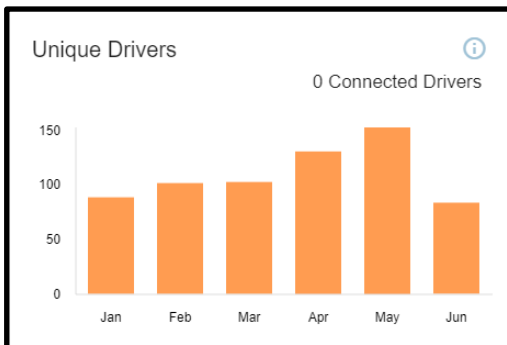
Dashboard – May 2023

- 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 62,264kg greenhouse gas emissions
-  That's like planting 1,597 trees and letting them grow for 10 years

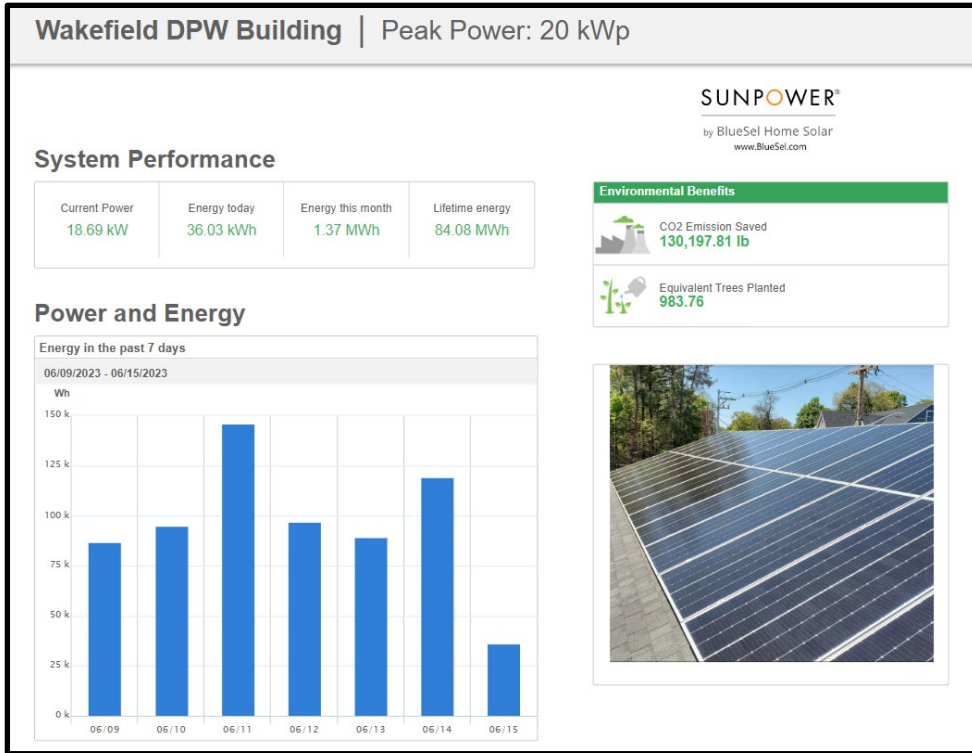


EV Charging Stations				
Utility Billing and Town Revenue				
May-23				
Locations	Utility Billing	KWh	Town Revenue From Charge Point	KWh
Vets Field	\$123.17	530	\$118.23	525
Civic Center	\$72.88	347	\$78.10	347
Public Parking Lot	\$469.32	2137	\$718.73	1996
Totals	\$665.37	3014	\$915.06	2869
EV Charging Stations				
Usage and Revenue				
May-23				
Locations			Revenue From Charge Point	KWh
Quannapowitt			\$2,018.85	5608

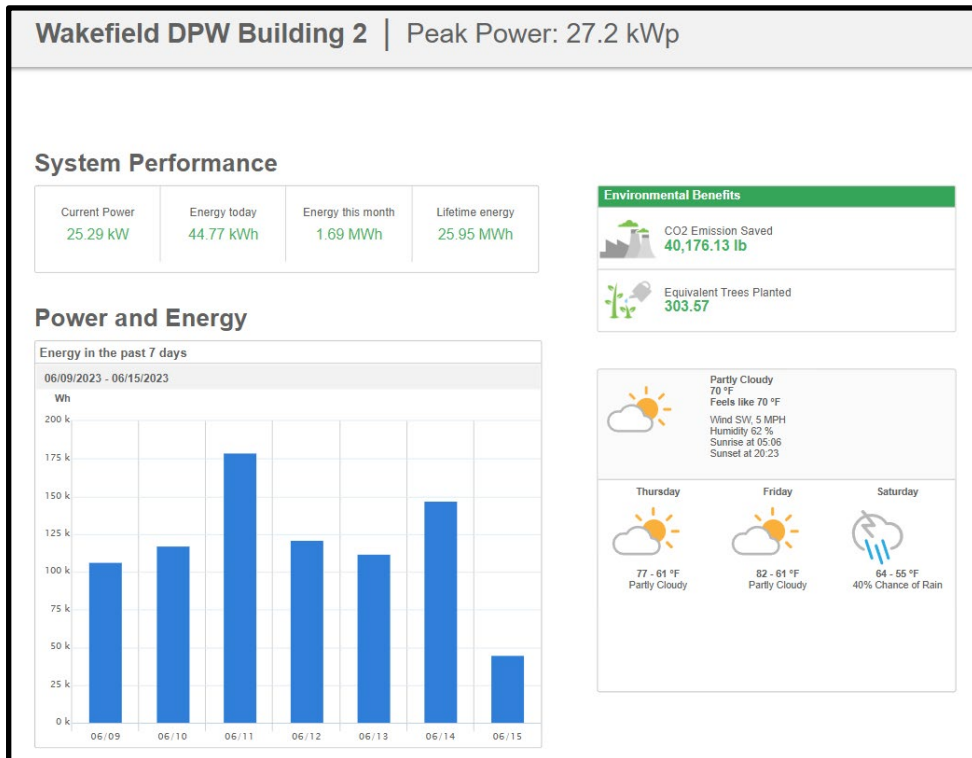
DPW Solar – Water Department Buildings

May 2023

Garage – 20 kWp System



Water Treatment Building – 27.2 kWp System



COMMISSIONER REQUESTS LOG	Requested By	Request Date	Completion Date	NOTES
Update Electric Vehicle Dashboard to include cost data	TB	5/6/20	6/3/20	
Revise 2020 General Manager Goals due to COVID-19	PC	6/3/20	7/15/20	
Mission statement development	JK	7/15/20	9/2/20	
Rebates - Sense Rebate to Webform & Add WIFI Thermostats to Connected Homes Program	TB, JK	9/2/20	10/7/20	
Provide additional details on Customer Accounts Receivable / Collections	JW	12/2/20	1/6/21	
EV Charger - Year 1 summary data reporting	TB	2/3/21	3/3/21	
Earth Day Brochure	TB	3/12/21	3/30/21	
Upload 5 years of DPU reports to WMGLD website	JK	5/5/21	5/19/21	
Outage map functionality on mobile device	TB	5/5/21	8/10/21	
Green Choice Rate information updates to website	JK	7/14/21	7/16/21	
Present admin costs separately on conservation budget	JK	10/6/21	11/3/21	
Schedule a strategy meeting	JK	12/2/21	1/26/22	
EV Dashboard - Add Year & Date columns	TB	1/5/22	2/2/22	
DPW Water Dept Solar - add number of kWh produced & monetary value of production = TB Excel Sheet	JK	1/5/22	2/2/22	
Add % column to Monthly Consumption for comparison	TB	1/5/22	2/2/22	
Marketing refresh for EE incentives / Green Choice Rate	TB	2/2/22	1/10/23	
Charge Point settings to include popular times on App	TB	2/2/22	2/25/22	
2022 General Manager Goals	JK, PC	3/2/22	4/6/22	
Expand upon Special Financing on our website in regards to EE programs	TB	5/11/22	5/25/22	
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	

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.
March 17, 2022	Customer on Shumway contacted the WMGLD re: neighborhood notification process for gas main work	Resolution via several methods of communication including in-person conversations, phone calls and emails. Customer was reassured that construction communication would be revised going forward
February 8, 2022	Customer contacted both the DPU and local legislative offices re: collections, payment assistance and protection from service termination	Phone discussion with DPU, exchanged emails with office of Sen Lewis, two phone discussions directly with customer as well as a follow-up letter explaining billing, collections and service termination process.

WMGLD Community Solar

- 229KW solar system on the roof of 480 North Ave – 2 arrays
- The 129KW solar array will be dedicated to Community solar
- Our structure is a 20-Year Fixed Lease with Ameresco
- Possibility to create a carve out of the Community solar for Low-Income customers



Proposed Community Solar Structure

- Make available the 129KW to customers in 1KW segments
 - Gauging customer initial interest will allow us to set a maximum KW limit for an individual customer
- Reserve 25% of the array for Low-Income customers (~33KW)
 - Fee structure will be adjusted for Low Income customers to increase benefit for those qualifying
 - Qualifying for Low-Income will be based on standards set by existing state assistance programs (ex LiHEAP)
- Preliminary Fee and Bill Credit Structure:
 - \$100 Sign-up Fee
 - \$12 per month per KW owned
 - Credit on customer bill same as current solar customers (85% of Energy Charge)
- Low Income:
 - Waive the sign-up fee
 - \$8 per month per KW owned
- Fee and credit structure intended to balance customer benefits and debt service offset
 - Amounts are derived utilizing solar output projections by Ameresco

Community Solar Preliminary Structure	
129	Solar Array (KW)
20	Useful Life (Years)
\$ 25,225	Annual Lease Payment
\$ 12	\$/KW/Month Community Solar Customer Charge (CSCC)
\$ 8	Low Income \$/KW/Month Community Solar Customer Charge (CSCC)
\$ 100	Sign-Up Fee
25%	Percentage Low-Income (Waive Fee)

Community Solar Benefits

- Program will allow customers accessibility to green energy without a large capital investment
- Low-Income participants will see savings on their bill and for many, first time access to renewable energy
- WMGLD enhances its non-carbon portfolio in line with Net Zero goals
- Additional capacity resource as well as minor peak shaving capability
- Fees will help fund the annual lease payments while also balancing customer benefits

Other Community Solar Structures

- High up-front fees with a lower monthly fee
- Bill credit **and** customer fees tied to solar generation (\$/kWh)
- Annual Fee and Monthly Fee
- Monthly Fee only
- Term limits, KW max and mins, anchor tenants, fixed vs. variable, etc.

Fee Option Matrix

Payment Basis	Fixed Subscription Price	Varying Subscription Price
Capacity-based (\$/kW) monthly payment based on the capacity associated with the subscription.	Rate (\$/kW) is set and fixed for the life of the project, meaning a consistent payment every month.	Rate (\$/kW) changes (e.g., annually). Adjustments may account for changes in project maintenance costs or program administrative costs.
Generation-based (\$/kWh) payments are a price per kilowatt-hour delivered.	Rate (\$/kWh) for solar subscription is set and never increases. Assuming electricity rates increase, the discount to subscribers increases over time.	Rate (\$/kW) changes (e.g., annually). Adjustments may account for changes in project maintenance costs or program administrative costs.
“Lease to own” model.	Fixed monthly payment for a set number of years, after which point solar credits are “free.” This is most like the rooftop solar model.	N/A

MMWEC's right for wanting answers

Coming from a very expensive winter home heating season, we stumbled upon a piece from the State House News Service yesterday that caused some alarm. We share it below, courtesy of the news service's Editor Michael P. Norton.

"Representatives of municipal utilities in Massachusetts are calling on federal regulators to force the region's grid operator to release more information about \$436 million in fuel costs charged under a fuel security agreement, saying the charges are 'much larger and more volatile than anticipated.' Massachusetts Municipal Wholesale Electric Company (MMWEC) announced Monday that it filed a motion with the Federal Energy Regulatory Commission (FERC) asking that it force the disclosure of information concerning ratepayer charges under a fuel security cost-of-service agreement between ISO-New England — the grid operator — and Constellation Mystic Power, LLC.

"According to MMWEC (of which our Municipal Gas and Light Department is a member), the two-year agreement began June 1, 2022 and ends May 31, 2024 and requires the continued operation of Mystic Units 8 and 9. Under the agreement, Mystic is paid its full cost of service and nearly all the costs of its liquefied natural gas fuel supplier, the Everett Marine Terminal. While the agreement is supposed to protect customers from unreasonable fuel charges by requiring the grid operator to audit Mystic's fuel procurement practices, MMWEC said ISO-New England to date has only released an "uninformative, three-page summary" of conclusions reached by a consultant that it hired.

"The consultant concludes that the charges are appropriate under the agreement, but provides no insight into what MMWEC and the other public systems say is a key driver of the fuel-related charges: Mystic's fuel purchasing decisions and the terms of its liquefied natural gas supply contracts," MMWEC said in a press release on Monday. "The motion requests that FERC direct ISO-NE to release additional information concerning the variable charges passed through the agreement, including redacted copies of any reports, studies or other analyses produced by or for ISO-NE in connection with the audit.

"Citing 'extraordinary charges,' MMWEC and others are urging the release of 'more robust and useful information'

about the bases for the charges, saying that such information was promised during the 2018 proceeding in which Mystic and ISO persuaded FERC to approve the agreement. MMWEC speculated that (liquefied natural gas) purchased by Constellation Mystic Power was either sold at a loss or burned 'uneconomically,' and said the \$120 million supplemental capacity payment to Mystic for January 2023 was more than a quarter of the value of the entire New England wholesale energy market for that month. MMWEC was joined in its request to FERC by the Connecticut Municipal Electric Energy Cooperative, New Hampshire Electric Cooperative, Vermont Public Power Supply Authority, Energy New England, and a group of Massachusetts public power systems known as the Eastern New England Consumer-Owned Systems.

Wanted: Gas & Light commissioner

WAKEFIELD — The Wakefield Municipal Gas and Light Board of Commissioners is looking to fill a vacancy on its Board for an unexpired term through April 2025.

The Board of Commissioners and the Wakefield Town Council will appoint this position jointly at the Town Council meeting on

June 26.

The Board of Commissioners meet monthly on Wednesday at 6:30 p.m. Utility experience is a plus but not a requirement. Engineering or financial expertise will also be valued. The Board sets policy for the department's operation, which the General

Manager executes.

Wakefield residents interested in applying, please complete and submit the Application for Appointment form, which is located on the Town Administrator page of the Town's website under Applications, Board and Committee Appointments. Please email the completed form along with a resume to Sherri Dalton, Executive Assistant, at sdalton@wakefield.ma.us by 12:30 p.m. on June 9.

