

**Wakefield Municipal Gas and Light  
Department**

**Board of Commissioners**



**June 1, 2022**

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

**DATE:** June 1, 2022  
**CALL TO ORDER:** 6:30 P.M.

**Consistent with the Governor's orders suspending certain provisions of the Open Meeting Law and banning gatherings of more than 10 people, this meeting will be conducted by remote participation to the greatest extent possible. The public may not physically attend this meeting, but 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=V1c1QURhcW50Q1VBTUxRQ3dDVExJT09>

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 1, 2022  
AGENDA  
6:30 PM**

- A. Call to Order**
- B. Opening Remarks**
  - Chair's Remarks – Jennifer Kallay
  - Commissioners Reports
  - Town Council Liaison Comments
  - Public Comments
- C. Secretary's Report**
  - 1 Approval of May 11, 2022 Minutes
- D. Old Business**
  - 1 Project Updates
    - i Northeast Tech/Wakefield HS Energy Park
  - 2 Winter Gas and Electric Supply Status
    - i Gas Moratorium
  - 3 Collective Bargaining - Review and Approval of Agreements with both Associations
- E. New Business**
- F. Any other matter not reasonably anticipated by the Chair**
- G. Executive Session- Collective Bargaining if necessary**
- H. Adjournment**



APRIL 2022 WMGLD COMMISSIONER'S DASHBOARD

	Outages ( Elec )	
	SAIFI	CAIDI
Feb	0.49	56
Mar	0.48	55
Apr	0.40	48
Cal YTD	0.44	51

	FYTD WMGLD Generation - April		
	Salem St.	Battery	Total
RNS Benefit	\$ 538,684	\$ 295,769	\$ 834,452
Capacity Benefit	319,200	159,983	479,183
Debt Service	(531,506)	(205,389)	(736,895)
Net Benefit	\$ 326,378	\$ 250,362	\$ 576,740

	CYTD Pipe Replacement	
	Replaced	System Total
4"	2,065	174,061
6"	-	154,271
8"	-	81,759

CONSERVATION BUDGET	
YTD FY22 Conservation Revenue Billed	\$ 277,561
YTD FY22 Paid out to Customers:	
230 Appliances & Thermostats	\$ (13,548)
54 Air Sealing ( insulation/windows )	(51,764)
80 Heating & Cooling	(84,293)
9 Residential Solar	(59,640)

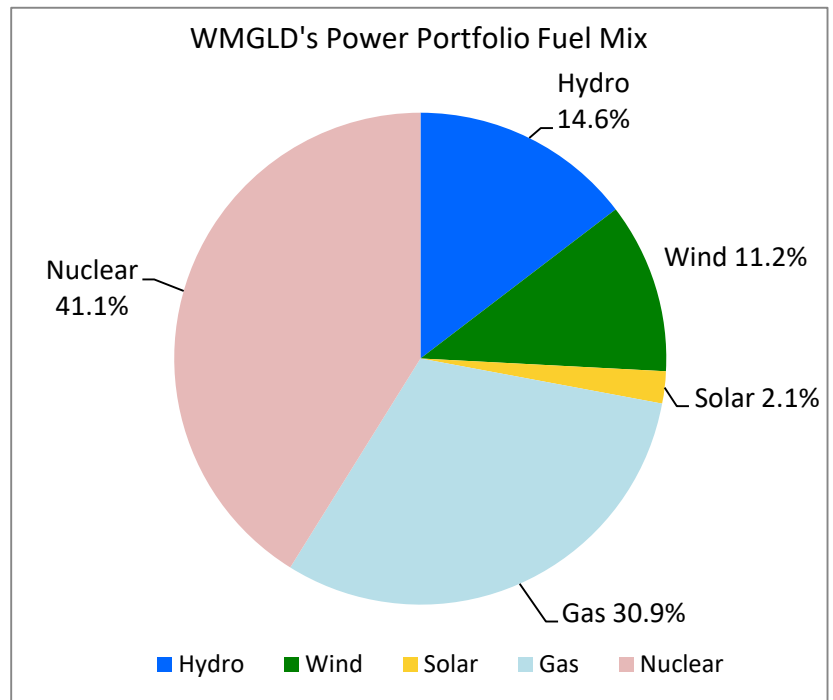
	New Services on the System	
	Electric	Gas
Feb	2	-
Mar	1	2
Apr	3	5

GREEN CHOICE RATE	April	CYTD
Green Choice Revenues	\$ 709	\$ 3,683
Kwh billed on GC Rate	38,626	189,982
Number of Customers		75

	Solar Generation 75 Customers	
	Generated	Back to WMGLD
CYTD	493,536	165,554
Comm'l	7,037,040	1,461,400
Res	1,924,763	1,061,059
Inception	8,961,803	2,522,459

Natural Gas Peak Usage	
Current Year Peak ( Nov '21 → May '22 )	1,308,885 CCF
Prior Year Peak ( Nov '20 → May '21 )	1,118,751 CCF
All-Time Peak - Jan '18	1,370,554 CCF

	Monthly & Annual Peaks	
	Prior Year	Current Year
Feb	27.3 Mw	29.2 Mw
Mar	25.7 Mw	24.9 Mw
Apr	22.1 Mw	20.3 Mw

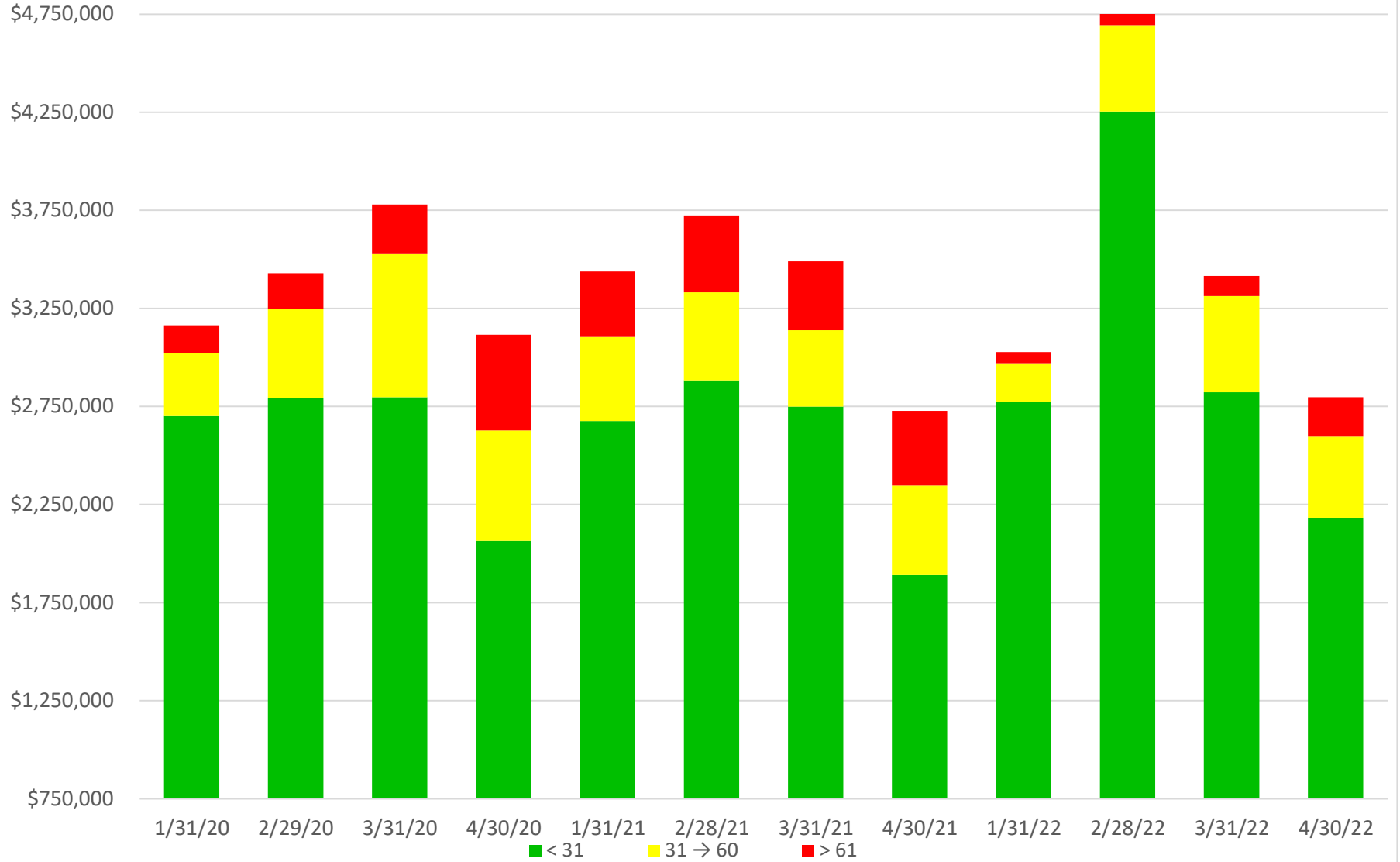


Summer YTD Peak	
7/28/20	6/30/21
44.0 Mw	43.9 Mw

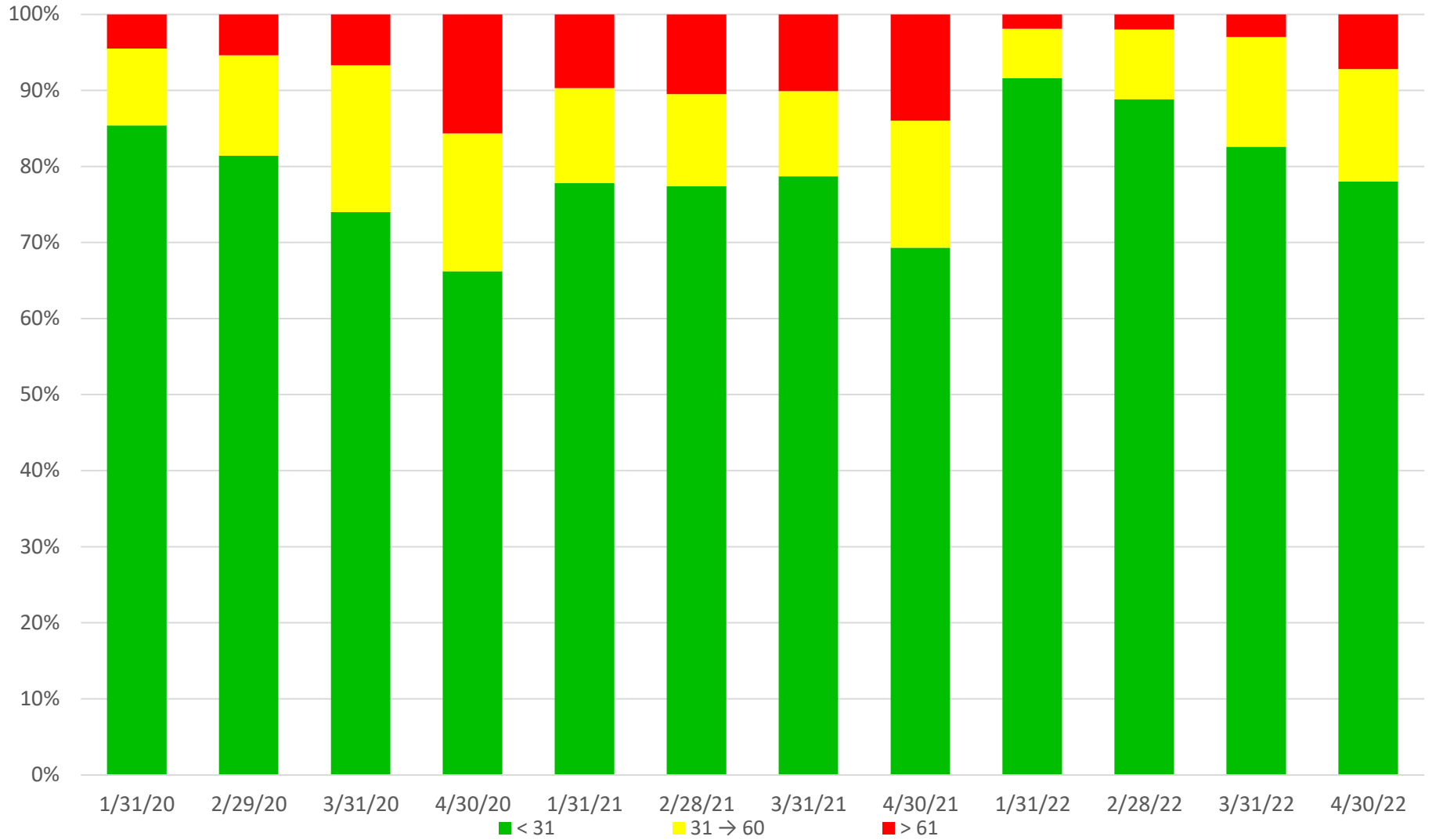
Winter YTD Peak	
1/29/21	2/1/22
28.0 Mw	29.2 Mw

All Time Peak	
1/2/14	8/2/06
36.5 Mw	50.7 Mw

Receivables Aging - As of April 30, 2022



Receivables Aging - As of April 30, 2022



		RAW DATA - RECEIVABLES GRAPHS				RAW DATA - RECEIVABLES GRAPHS			
		1/31/22		2/28/22		3/31/22		4/30/22	
< 31		\$2,772,782	91.6%	\$4,253,376	88.8%	\$2,822,496	82.6%	\$2,181,701	78.0%
31 → 60		197,386	6.5%	440,581	9.2%	490,252	14.4%	413,669	14.8%
> 61		57,030	1.9%	94,996	2.0%	102,002	3.0%	201,749	7.2%
Total		\$3,027,198	<b>21.5</b>	\$4,788,953	<b>27.9</b>	\$3,414,750	<b>24.6</b>	\$2,797,120	<b>25.8</b>

		1/31/21		2/28/21		3/31/21		4/30/21	
< 31		\$2,675,178	77.8%	\$2,882,545	77.4%	\$2,748,726	78.7%	\$1,889,746	69.3%
31 → 60		429,369	12.5%	449,901	12.1%	389,735	11.2%	456,451	16.7%
> 61		333,062	9.7%	391,210	10.5%	351,448	10.1%	380,915	14.0%
Total		\$3,437,609	<b>26.2</b>	\$3,723,656	<b>28.0</b>	\$3,489,909	<b>26.5</b>	\$2,727,112	<b>22.3</b>

		1/31/20		2/29/20		3/31/20		4/30/20	
< 31		\$2,666,003	87.6%	\$2,701,115	85.4%	\$2,791,702	81.4%	\$2,797,449	74.0%
31 → 60		257,475	8.5%	320,144	10.1%	453,928	13.2%	728,941	19.3%
> 61		118,851	3.9%	141,767	4.5%	183,927	5.4%	253,236	6.7%
Total		\$3,042,329	<b>28.1</b>	\$3,163,026	<b>23.4</b>	\$3,429,557	<b>25.4</b>	\$3,779,626	<b>28.2</b>

Notes: Gross Receivables from customer accounts are aged at month-end.  
At 4/30/22, the >61 day balance of \$201,749 was analyzed in detail - results include 79 unique accounts which make up \$100,751 of the \$201,749 balance with >61 day account balances ranging from \$500 to \$16,872  
DSO Ratio is also presented in **RED**

	REVENUES	REVENUES	REVENUES	REVENUES	REVENUES	REVENUES		
	1/31/22	2/28/22	3/31/22	4/30/22	1/31/21	2/28/21	3/31/21	4/30/21
ELECTRIC	2,445,794	2,665,778	2,283,295	2,107,266	2,294,677	2,227,182	2,217,386	1,917,393
GAS	1,782,409	2,490,573	1,886,741	1,145,919	1,643,351	1,802,052	1,666,425	892,185
TOTAL	\$4,228,203	\$5,156,351	\$4,170,036	\$3,253,184	\$3,938,028	\$4,029,234	\$3,883,811	\$2,809,578

	1/31/20	2/29/20	3/31/20	4/30/20
ELECTRIC	2,162,098	2,386,420	2,386,516	2,244,545
GAS	1,424,227	1,666,969	1,665,426	1,706,790
TOTAL	\$3,586,325	\$4,053,389	\$4,051,942	\$3,951,335

<b>COMMISSIONER REQUESTS LOG</b>	<b>Requested By</b>	<b>Request Date</b>	<b>Completion Date</b>	<b>NOTES</b>
Provide Board with size of solar projects	TB	6/5/19	9/4/19	
Provide Board with additional information for EE proposal	JK, JW, TB	7/7/19	9/4/19	
Updates to EE proposal including rates hearing	JK, JW, TB	9/4/19	10/2/19	
Meet to discuss goal setting with Manager	JW - PC & KC	10/2/19	10/15/19	
Next year's goal setting meet with GM	PC & KC	11/13/19	11/22/19	
Provide pricing on Renewable Energy Credits = 15%	JK	11/13/19	11/20/19	
Provide detailed data on gas leaks	TB	11/13/19	11/27/19	
Provide information on data structures and fields in Customer Informtion System ( Cogsdale )	JK	12/4/19	1/8/20	
Rework solar consumption as presented on solar bills	TB	1/8/20	1/31/20	
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 statatement 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 & monetarv 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	In progress	New Yard Equip program, New EE Master Sheet, Green Choice refresh upcoming
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	

Wakefield Municipal Gas & Light Department  
Customer Issues Log

Date	Issue	Resolution
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.
September 17, 2021	Questions from several customers payments not posting to accounts in a timely manner due to LockBox delays - discounts lost	Discounts were manually corrected on accounts affected, communicated with bank - LockBox temp shutdown due to COVID outbreak. Now back to normal.
September 1, 2021	Water infiltration causing gas service interruptions on Wiley Place	Gas main & 12 related services were replaced = issue resolved
December 15, 2020	Question regarding answering service / office calls not being returned in a timely manner for a real estate agent / property sale / final bill	Realtor was given an office single point of contact.
August 24, 2020	Customer called indicating that during storm clean-up our contracted tree crew had damaged a retaining wall & customers driveway	WMGLD's E & O Manager along with representative from tree company met with the customer at his home and explained the damage was caused by erosion during the storm, not tree crew
July 2, 2020	Customer requested billing name change on account to reflect the name of a close relative who did not own & did not lease the property	Explained that the customer of record can only be the owner or lessor of the property



## WMGLD Monitors May 2022 Summary

### WMGLD Fleet Overview

Monitors dpolson@wmgld.com

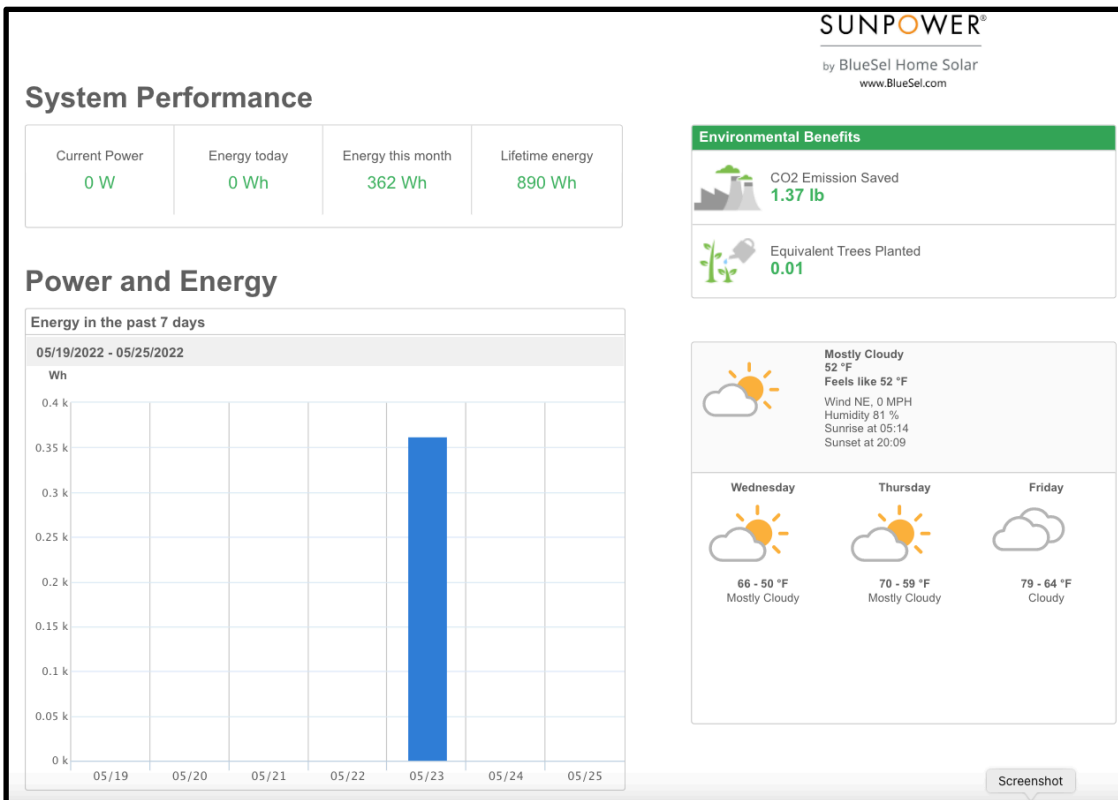
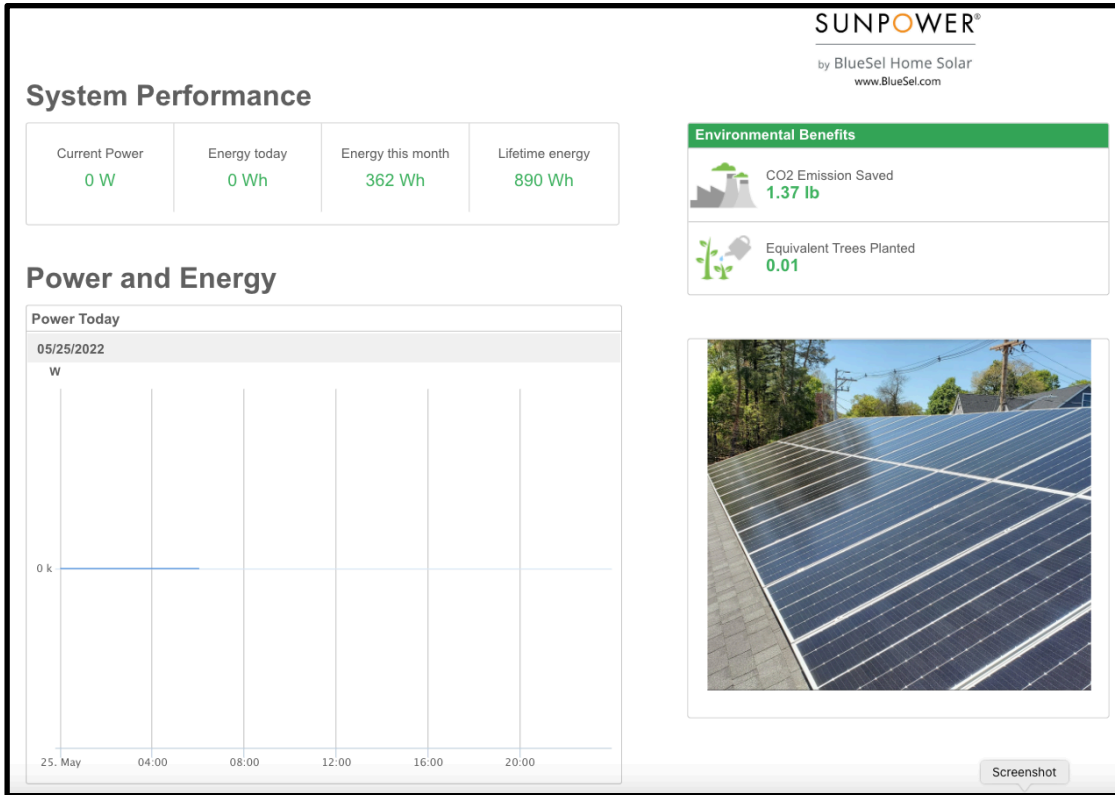
<b>16</b> Total	<b>0</b> Not Sharing Data	<b>0</b> Offline <small>( for 10 minutes or more )</small>	<b>2</b> Uninstalled
<b>0</b> Solar	<b>0</b> Generator	<b>1</b> 400A	<b>1</b> Dedicated Circuit

Status	Job ID	Serial Number	Install Date	Address	Production (Yesterday)	Consumption (Yesterday)
UP		<a href="#">N033000569</a>	11/02/2020		---	11.72 kWh
UP		<a href="#">N136020041</a>	01/14/2022		---	14.58 kWh
UP		<a href="#">N034000045</a>	11/02/2020		---	4.55 kWh
UP		<a href="#">N038001783</a>	01/10/2021		---	20.63 kWh
UP		<a href="#">N011000399</a>	02/22/2022		---	26.65 kWh
UP		<a href="#">N041002835</a>	11/11/2020		---	3.91 kWh
UP		<a href="#">N033000112</a>	10/29/2020		---	15.82 kWh
UP		<a href="#">N124030199</a>	12/27/2021		---	22.81 kWh
UP		<a href="#">N034000028</a>	11/03/2020		---	23.09 kWh
UP		<a href="#">N140020352</a>	02/22/2022		---	14.27 kWh
UP		<a href="#">N006000968</a>	06/07/2021		---	18.37 kWh
UP		<a href="#">N040002162</a>	01/06/2021		---	16.16 kWh
UP		<a href="#">N032000433</a>	11/07/2020		---	22.21 kWh
UP		<a href="#">N042030177</a>	05/15/2021		---	30.63 kWh
PENDING		<a href="#">N145021052</a>	---		---	---
PENDING		<a href="#">N035000244</a>	---		---	---

# DPW Solar – Water Department Building

## May 2022

\*\*Issues with SolarEdge dashboard data reporting – Service call placed with vend




# Electric Vehicle Public Charging Stations

## Dashboard – May 2022


EV Charging Stations				
Utility Billing and Town Revenue				
May-22				
Locations	Utility Billing	KWh	Town Revenue From Charge Point	KWh
Vets Field	\$48.09	217	\$37.91	211
Civic Center	\$24.60	137	\$24.58	137
Public Parking Lot	\$270.15	1450	\$315.66	1403
<b>Totals</b>	<b>\$342.84</b>	<b>1804</b>	<b>\$378.15</b>	<b>1750</b>

**Environment**  
Lifetime

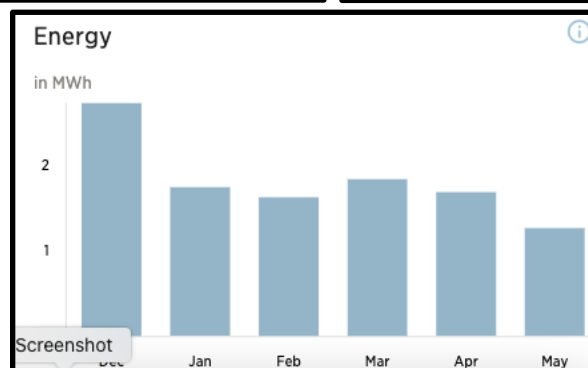
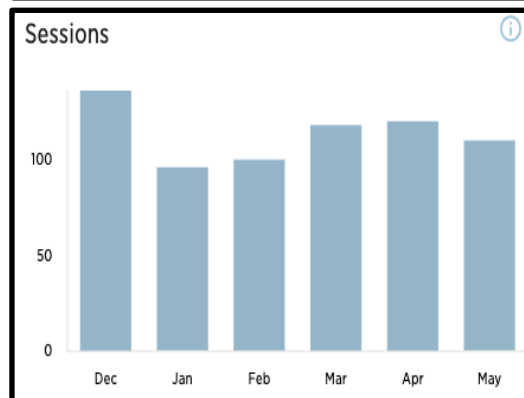
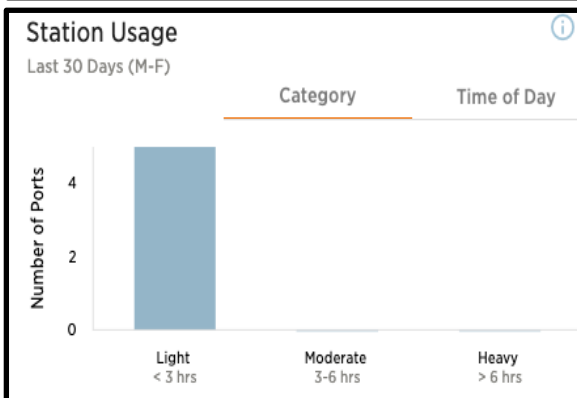
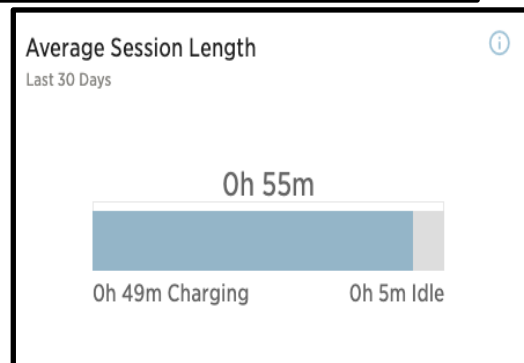
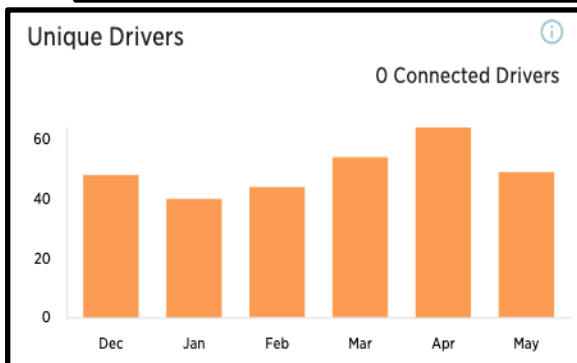
Here's how EV charging has helped:



You've avoided 20,406kg greenhouse gas emissions



That's like planting 523 trees and letting them grow for 10 years



## General Manager's Report

The following is the General Managers Report for June, 2022

### Engineering and Operations Report

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

- **Water St. at Delcarmine** - New 23 unit residential building, building in progress, convert OH to UG **Working**
- **581-583 Salem St.** – New 19-unit apartment build – **Working**
- **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**
- **99 Water St** – 5 Residential Apartments – **Permitting Phase**
- **596 North Ave** – 38 Residential Apartments – **Permitting Phase**
- **610 Salem St** – 20 Residential units – **Permitting Phase**
- **200 Quannapowitt** – 440 Apartments / 3 buildings / parking garage – **Permitting and Planning Phase** (number units reduced by the ZBA)
  - **Building Demolition/Disconnect** - Q3/Q4 2022
  - **Temporary Power** - Q2/2023
  - **Permanent Power**- 2024
  - **Full Occupancy:** Q3 2025
- **Foundry Street phase 2** – 58 unit condo complex and commercial space – **Working**
- **127 Nahant St.** – 26 Residential units proposed – **Planning stage**
- **1000 Main Street** – 30 Residential units proposed – **Planning stage**

### Gas Department

- Contractors have completed the installation of main on Prospect, Shumway, Morrison, Grafton and Curve Streets. Main, services and tie ins were completed on Grafton Street to support future paving for the Town.
- 276 meters have been replaced so far this year of the 899 that will be due this year
- There are currently 2055 inside gas services and 3059 outside services. 34 services have been moved outside this year.
- Leaks Class 1 – 0\* Class 2 – 0 Class 3 –63

## Financial Reports

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

Board of Commissioners  
June 1, 2022  
Agenda Item No. D-1

### Project Updates

#### COVID 19

Thirty five of our forty one employees have been vaccinated. There have been 3 positive tests this month in different departments.

#### Solar Projects:

- 480 North Ave. (228.76 kW DC total) – Finalizing the Contract and ZBA meeting scheduled 3/23, approved – May Contract with Vendor for signatures
  - Building system – 108 kW DC
  - Community Solar – 120 kW DC
- 1 Wakefield Ave –rebidding Q1 of 2022
  - Building system – 33 kW DC

#### Fleet EV Charges

- Installation of 2 – Level 2 and 1 Level 3 chargers in the garage – In Progress

#### Pole replacements:

- 7 of 7 High Priority Poles replaced – COMPLETED 3/30/2022
- Verizon replaced 17 of 21 High Priority Poles WMGLD crews transfer as replaced – Working

#### 4kv to 13.8kv conversions:

- West Water St, Main St., Richardson and Foster St area (ckt 397-02) – converting from 4kv 397-02 to 13.8kv - 1302 / 0005 – (Working)
- Albion, Lake, Maple, Chestnut & Gould from 4kv to 13.8kv (ckt 397-02 to 1301) new 13.8kv cable installed on Maple and Lake St to extend 0005 – (Working)
- 397-04 Ballister St area convert to 1301/0005 – (Scheduled in April).
- Burns Substation conversion from 4kv to 13.8kv – Estimated Completion 2022

- Converting portions of ckt 9 on Water to ckt 443-W32 – **(on hold)**

**Town Projects:**

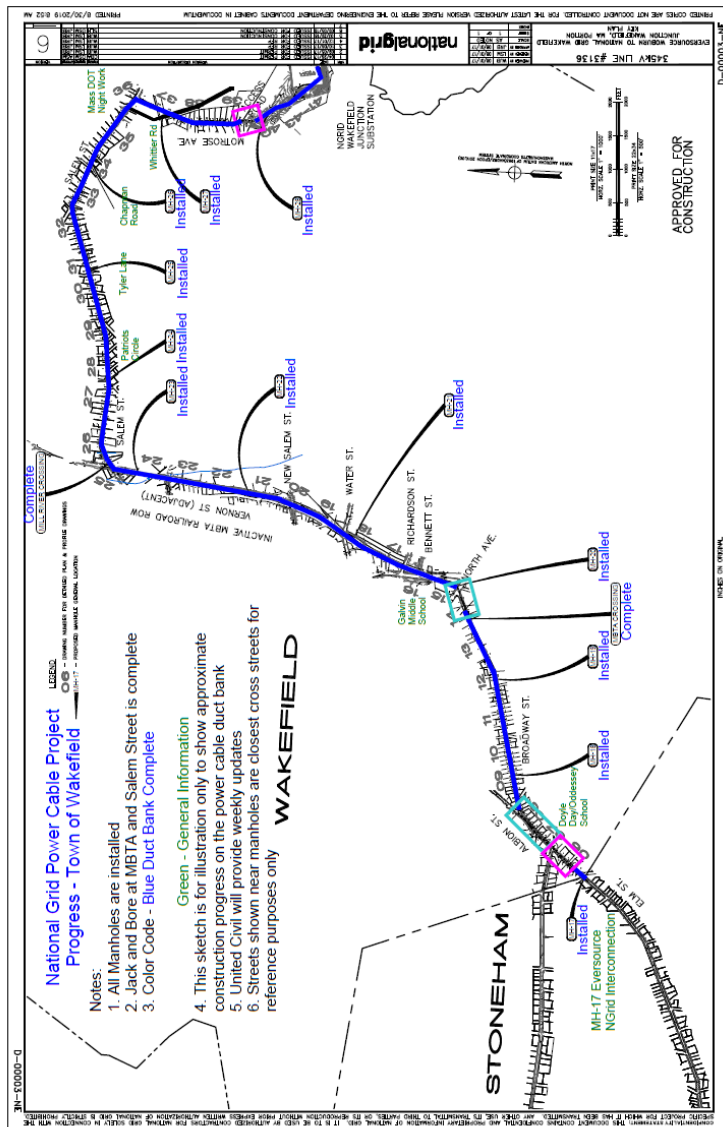
- **North Ave** – Utility Pole relocation in front of the cemetery. Move the poles to the back of the sidewalk to allow for sidewalk construction and bike path. **Bid Package in progress**
- Additional power outlets for Farmer’s Market - **Completed**

**NGrid 345kv Project Update NGRID:**

**Project Schedule Update**

Civil work 99% complete - Montrose complete, Albion St at Stoneham line is remaining.

PINK: 2021/2022 Work Zones - Day Work - Albion St. & Montrose Ave. - LEDGE - Winter Months  
 Blue: 2022 Work Zones - Day Work - Broadway St. - Rough Duration 1.5 months - Albion - 3 months



**No votes required at this time - Discussion only**

## **i. Northeast Metro Technical High School Energy Park Project**

WMGLD staff has been meeting weekly with design team from the NEMT to discuss with them the possibility of a shift from natural gas to electric for HVAC systems. The team has determined that the incremental capital cost to switch for gas to an all electric heating and cooling system would be approximately \$2 million. The discussion has revolved around the possibility of the WMGLD creating an off-site energy park solution that could serve NEMT and the future Wakefield High School. The Energy Park would be a micro grid that would serve both schools and would be used as a capacity management resource to the benefit of all WMGLD customers. A draft Memorandum of Understanding has been prepared to outline there offering and agreement with the School Building Committee.

**No votes required at this time - Discussion only**

**Board of Commissioners  
June 1, 2022  
Agenda Item No. D-2**

## **Winter Gas and Electric Supply – Gas Moratorium**

Commodity prices remaining higher than prior years but with the end of the winter season they are less volatile. The electric fuel charge and the cost of gas charge will be lowered in the next billing period for the summer months Staff will continue to monitor and adjust the fuel charge and the cost of gas charge if necessary.

Commissioner Kallay has asked or additional discussion on the scope of the new gas service moratorium. The possibility of the expanding the moratorium to include any New Construction was suggested.

The original moratorium vote in July of 2019 was to approve a moratorium on new gas services to multifamily residential buildings. The vote was unanimous at the time. That vote has been interpreted to include both new construction and modification of existing single family buildings being converted to multi family. We have allowed gas services for cooking applications only in multi-purpose residential new construction that has included restaurants or dining facilities.

The new vote could be a motion to expand the existing moratorium to include all residential new construction.

**Discussion and possible vote**

## **Collective Bargaining**

Tentative agreements have been reached with the Employee's Association and the Supervisory Association on new three year agreements.

The main changes are:

1. Adding Juneteenth as a paid holiday in keeping with the adding of this as a federal holiday.
2. Reducing sick time by back from 33% (employees) and 38.3% (supervisors) to 25% going forward. This is in keeping with the Inspector General's recommendation of better managing these provisions in contracts. Employees will be allowed to buy back a limited amount of sick time over the next three years in exchange for this change.
3. Changing the guidelines for earning Perfect Attendance time to fixed periods (winter and summer) rather than a rolling six months. Administration of this program will be significantly streamlined.
4. Some positions were re-defined and salaries of entry level personnel were reduced back to market levels for some positions which were too high.
5. Overall market adjustments were made to most positions at their top step prior to agreeing on 2.5% raises for the next three years for the Employee Association while the middle year of the Supervisors is 2.75%. The average adjustment is 5.25% in year one which includes the 2.5%.

Specific details can be discussed in Executive Session prior to a vote. Comm. Courcy participated in the negotiations.

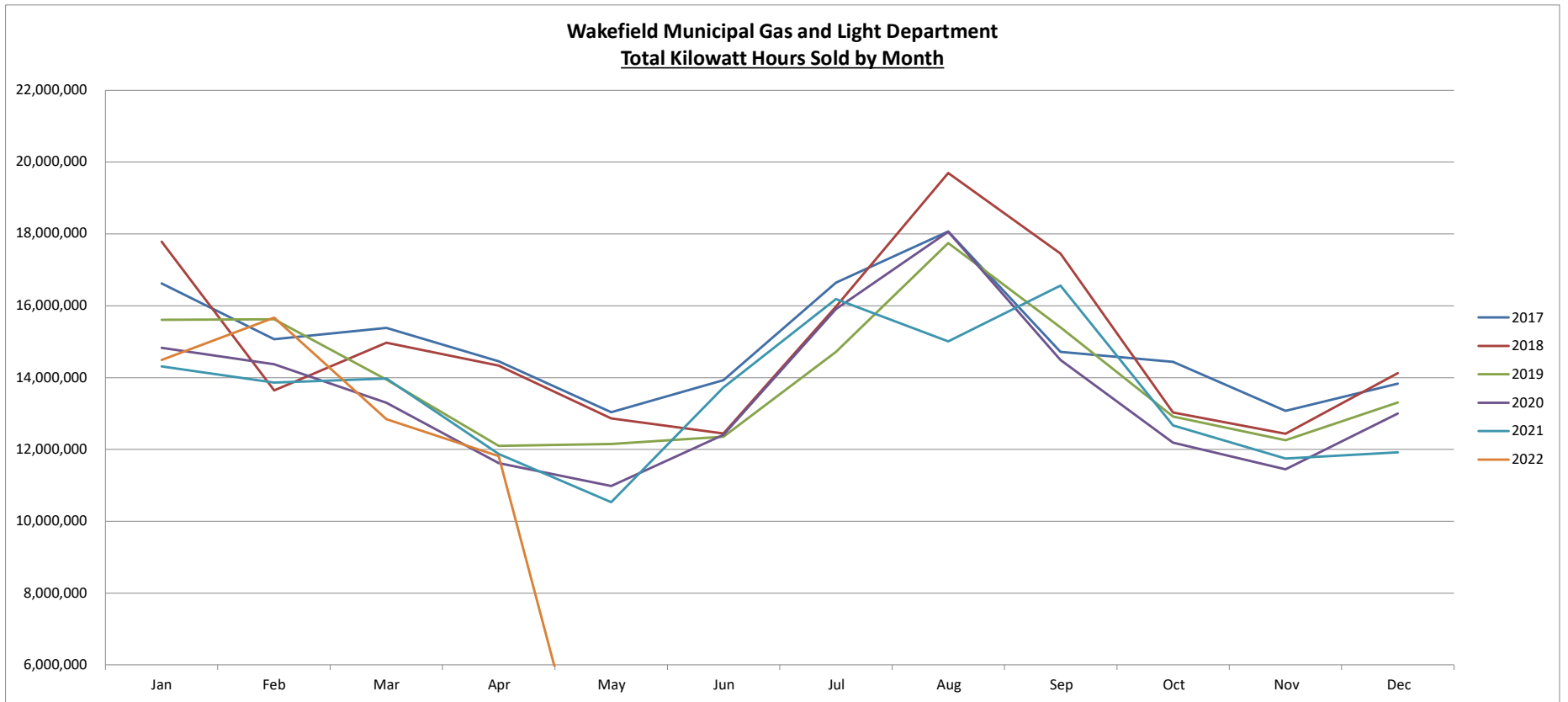
**Vote to approve the agreements is required**

**Executive Session**     Collective Bargaining Discussion if necessary.

# APPENDICIES

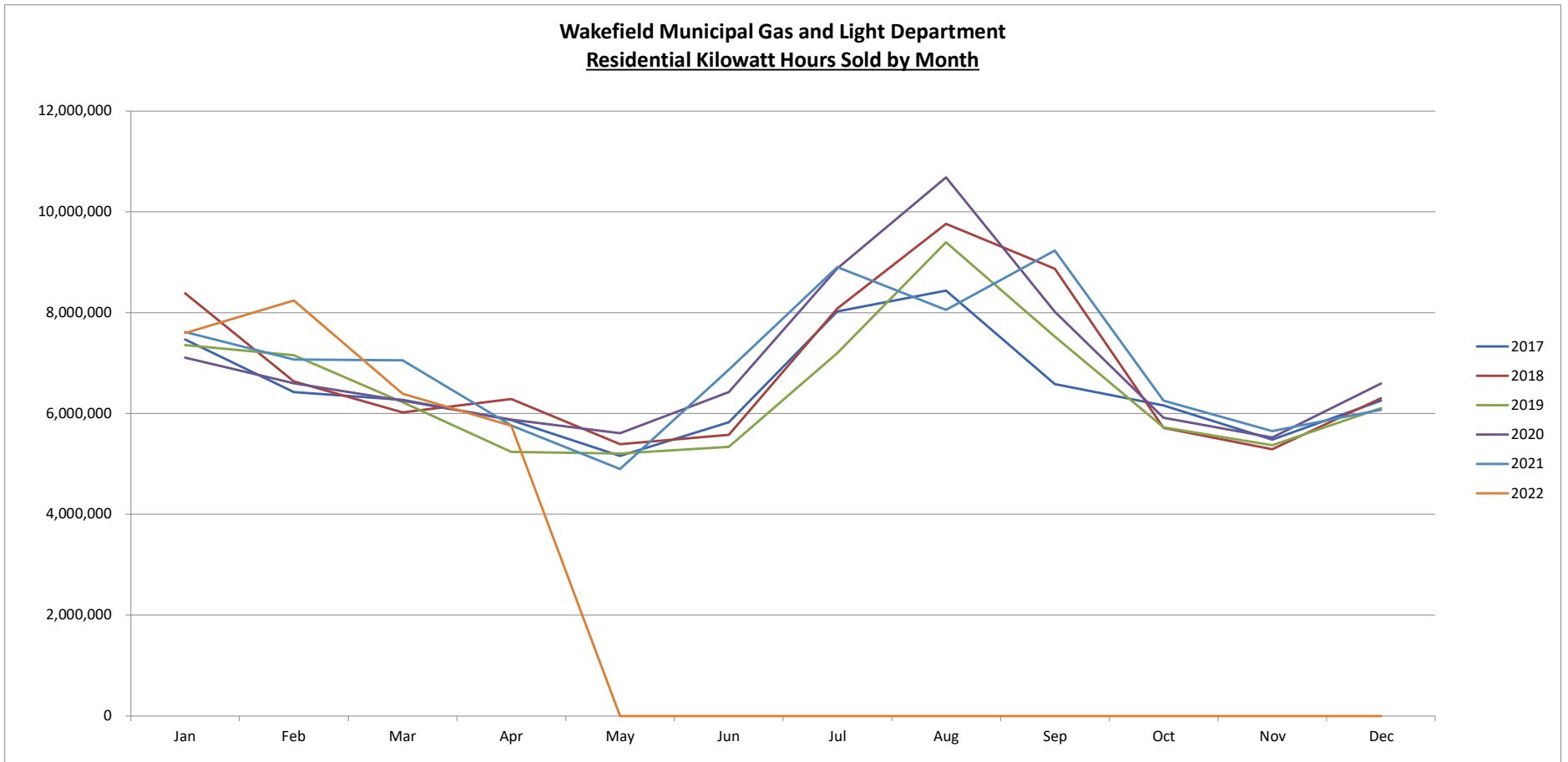
**Wakefield Municipal Gas and Light Department  
Total Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Mar	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	47,072,227	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	46,392,872	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	45,171,487	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	42,501,581	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	42,151,635	162,369,791	(0.1%)
2022	14,493,854	15,665,202	12,846,264	11,810,926	0	0	0	0	0	0	0	0	54,816,246	54,816,246	(66.2%)



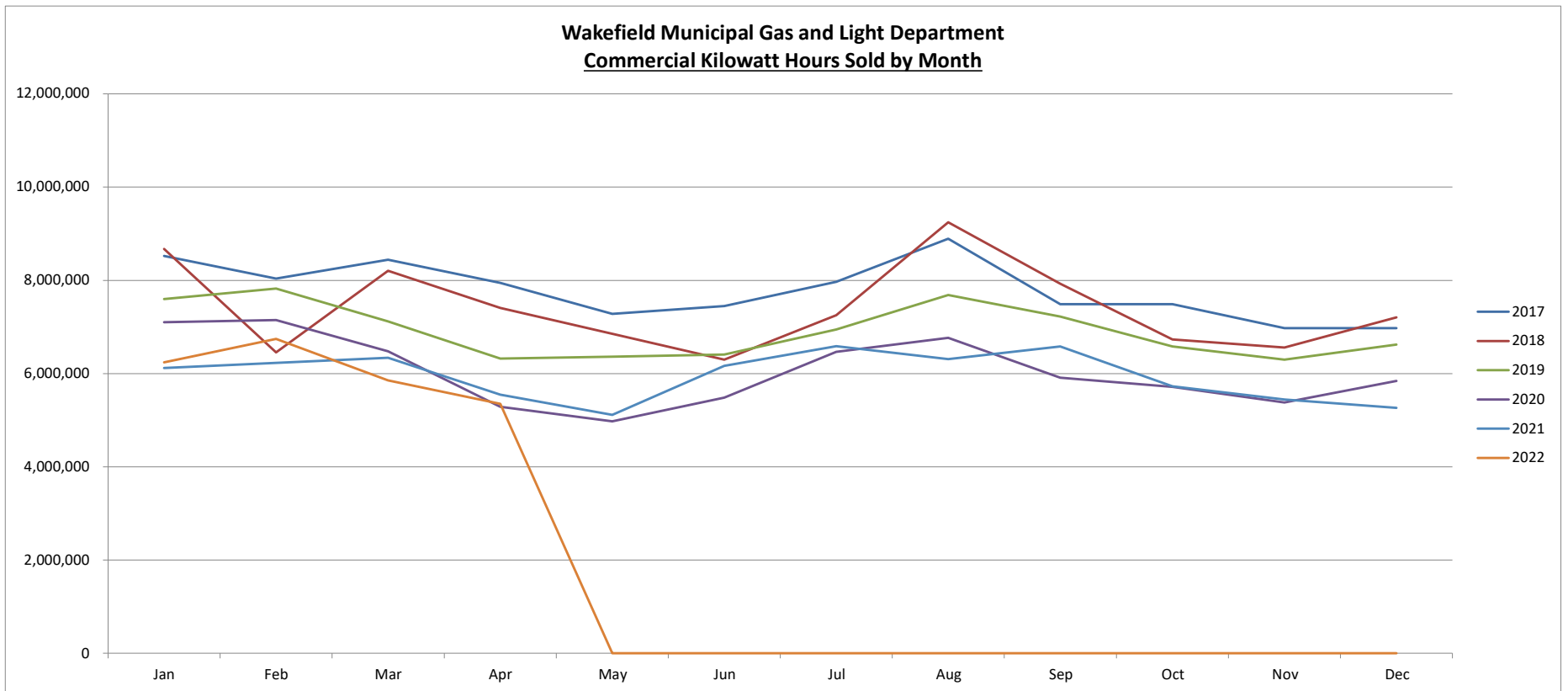
**Wakefield Municipal Gas and Light Department  
Residential Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Mar	Annual Total	Increase (Decrease)
2017	7,467,150	6,424,129	6,270,260	5,869,151	5,160,098	5,826,264	8,024,557	8,439,346	6,581,965	6,158,377	5,483,264	6,253,864	20,161,539	77,958,425	(2.5%)
2018	8,381,831	6,634,709	6,019,617	6,286,768	5,394,451	5,580,611	8,081,951	9,761,016	8,872,178	5,715,595	5,291,009	6,301,934	21,036,157	82,321,670	5.6%
2019	7,355,946	7,154,845	6,221,898	5,239,541	5,205,792	5,339,985	7,199,576	9,395,819	7,528,296	5,721,653	5,370,353	6,105,033	20,732,689	77,838,737	(5.4%)
2020	7,106,825	6,598,732	6,252,606	5,879,621	5,608,073	6,424,574	8,879,896	10,682,850	8,020,241	5,915,271	5,522,660	6,595,284	19,958,163	83,486,633	7.3%
2021	7,615,309	7,068,224	7,051,410	5,762,053	4,899,949	6,865,329	8,905,241	8,053,329	9,234,642	6,252,471	5,651,391	6,072,481	21,734,943	83,431,829	(0.1%)
2022	7,593,321	8,241,588	6,390,739	5,758,708	0	0	0	0	0	0	0	0	27,984,356	27,984,356	(66.5%)



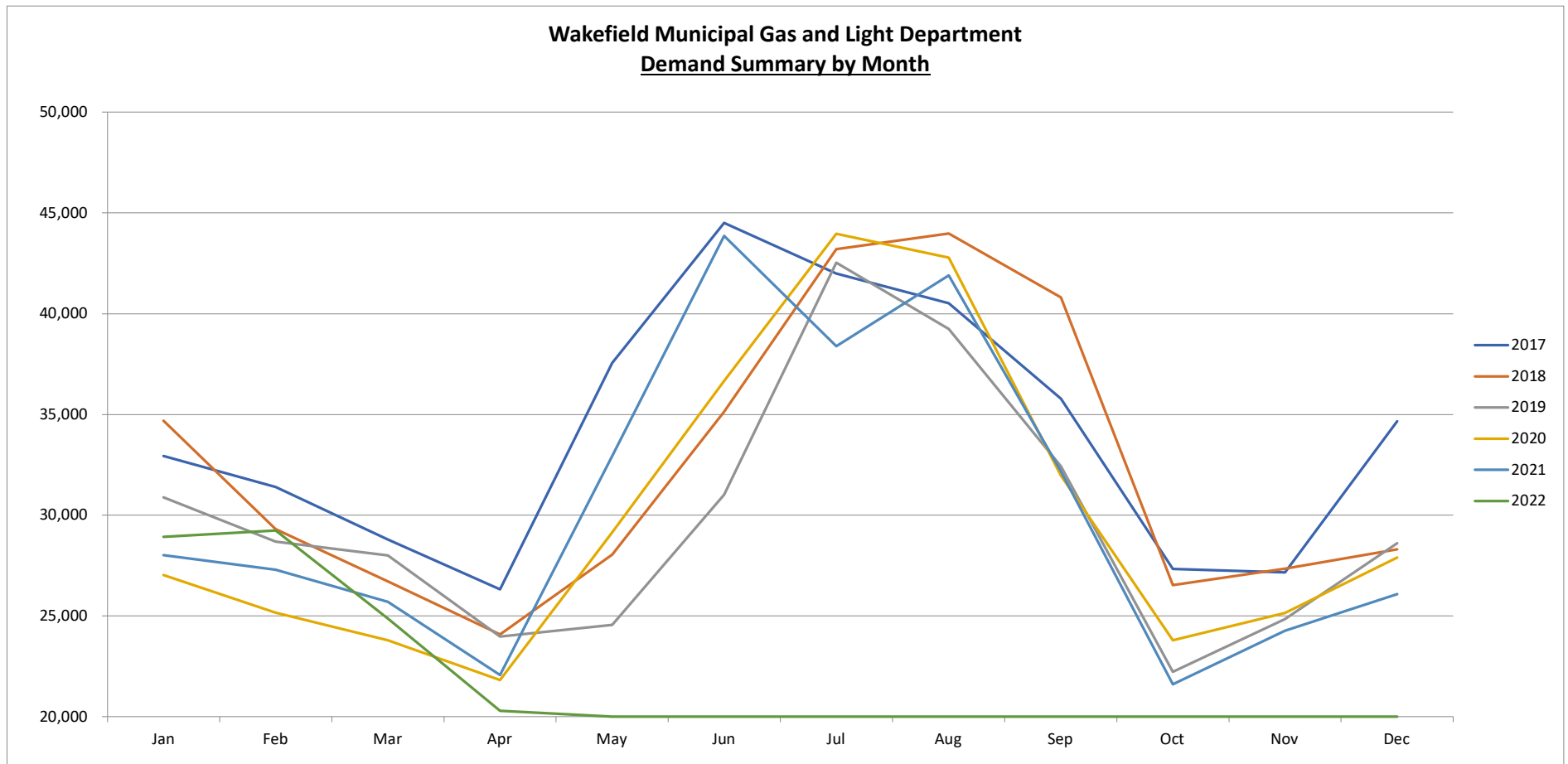
**Wakefield Municipal Gas and Light Department  
Commercial Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Mar	Annual Total	Increase (Decrease)
2017	8,523,398	8,036,867	8,440,054	7,944,183	7,284,920	7,449,910	7,967,311	8,893,548	7,485,167	7,489,927	6,972,575	6,974,940	25,000,319	93,462,800	(7.9%)
2018	8,672,072	6,454,777	8,202,783	7,408,045	6,850,856	6,298,357	7,254,302	9,246,878	7,926,678	6,730,578	6,558,328	7,202,785	23,329,632	88,806,439	(5.0%)
2019	7,598,845	7,821,861	7,121,215	6,321,095	6,359,892	6,410,293	6,948,166	7,687,622	7,224,317	6,582,051	6,298,066	6,622,414	22,541,921	82,995,837	(6.5%)
2020	7,099,814	7,145,647	6,479,516	5,287,598	4,976,694	5,480,761	6,462,708	6,769,061	5,912,086	5,713,612	5,380,420	5,840,667	20,724,977	72,548,584	(12.6%)
2021	6,120,226	6,226,617	6,338,424	5,549,735	5,114,423	6,164,934	6,586,022	6,310,111	6,582,920	5,727,081	5,444,897	5,260,907	18,685,267	71,426,297	(1.5%)
2022	6,238,141	6,742,653	5,854,894	5,352,501	0	0	0	0	0	0	0	0	18,835,688	24,188,189	(66.1%)



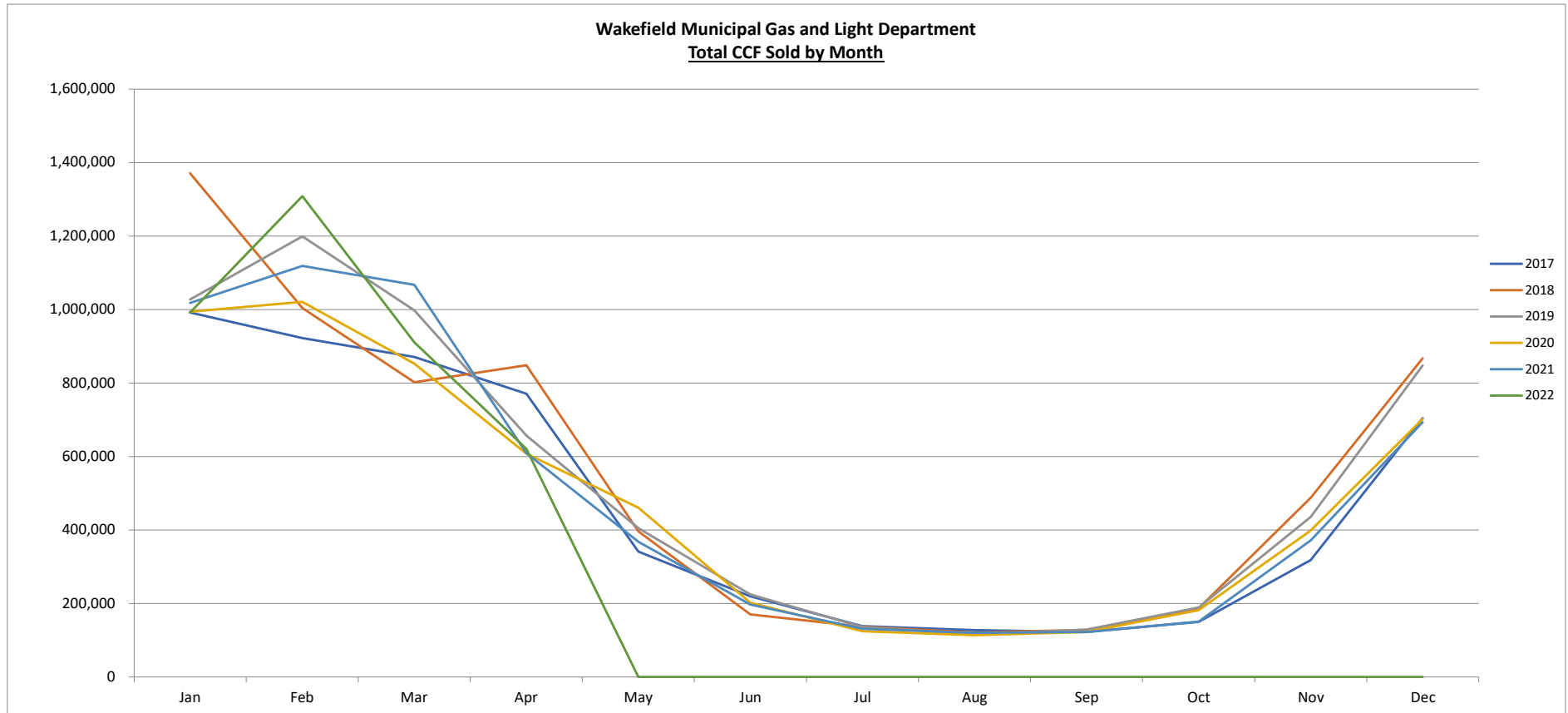
**Wakefield Municipal Gas and Light Department  
Demand Summary by Month**

	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	<b>47,999</b>	41,318	26,069	29,200	33,750	<b>47,999</b>	5.6%
2017	32,945	31,399	28,795	26,326	37,549	<b>44,504</b>	41,984	40,522	35,784	27,334	27,166	34,658	<b>44,504</b>	(7.3%)
2018	34,692	29,316	26,712	24,091	28,039	35,145	43,210	<b>43,982</b>	40,807	26,527	27,350	28,308	<b>43,982</b>	(1.2%)
2019	30,896	28,694	28,005	23,973	24,561	31,013	<b>42,538</b>	39,245	32,423	22,226	24,847	28,610	<b>42,538</b>	(3.3%)
2020	27,031	25,166	23,806	21,823	29,147	36,658	<b>43,966</b>	42,773	31,971	23,789	25,149	27,898	<b>43,966</b>	3.4%
2021	28,023	27,300	25,704	22,075	32,944	<b>43,864</b>	38,381	41,900	32,172	21,605	24,276	26,091	<b>43,864</b>	(0.2%)
2022	28,929	<b>29,248</b>	24,881	20,295	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	<b>29,248</b>	(33.3%)



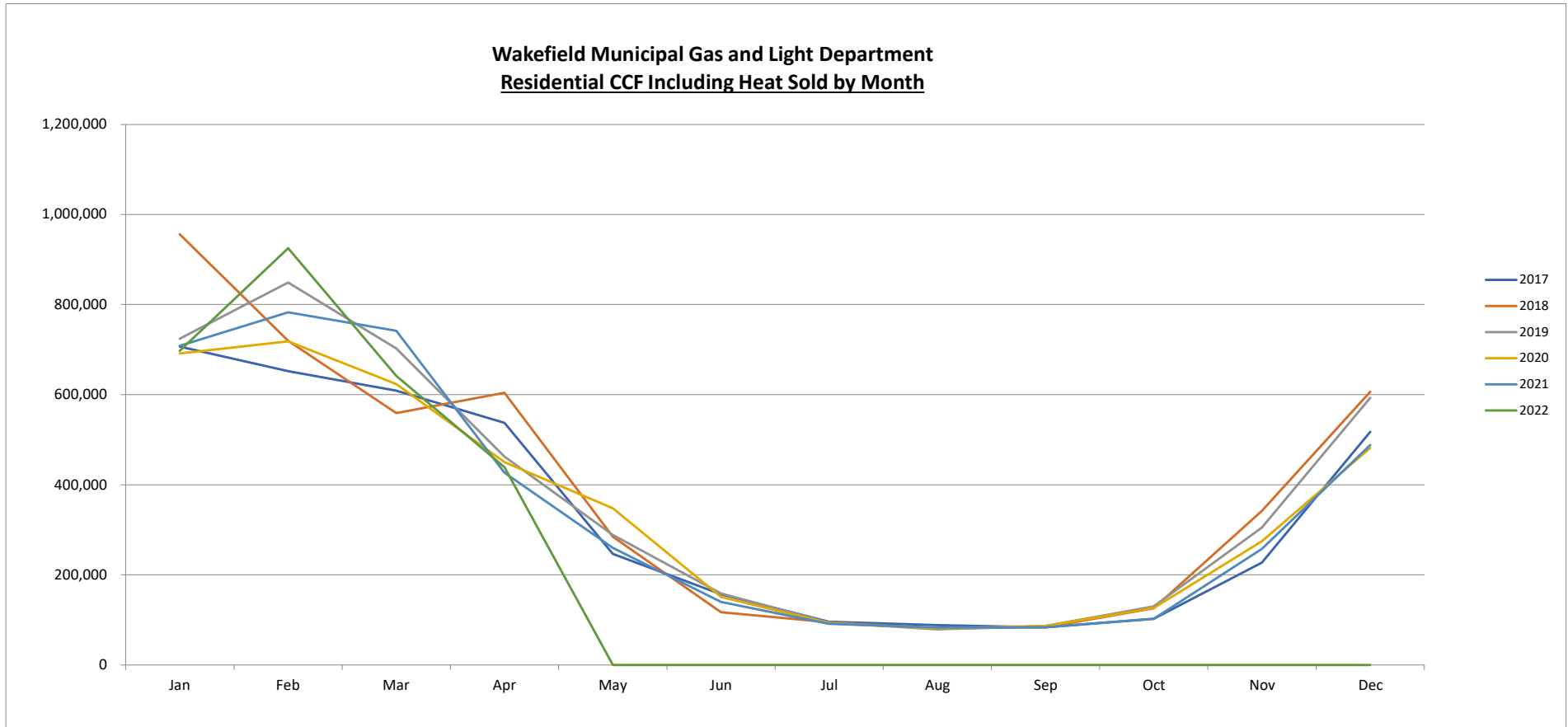
**Wakefield Municipal Gas and Light Department  
Total CCF Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Mar	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	2,785,342	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	3,177,198	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	3,223,893	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	2,867,979	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	3,204,157	5,969,294	3.2%
2022	992,152	1,308,855	910,767	620,801	0	0	0	0	0	0	0	0	3,832,575	3,832,575	(35.8%)



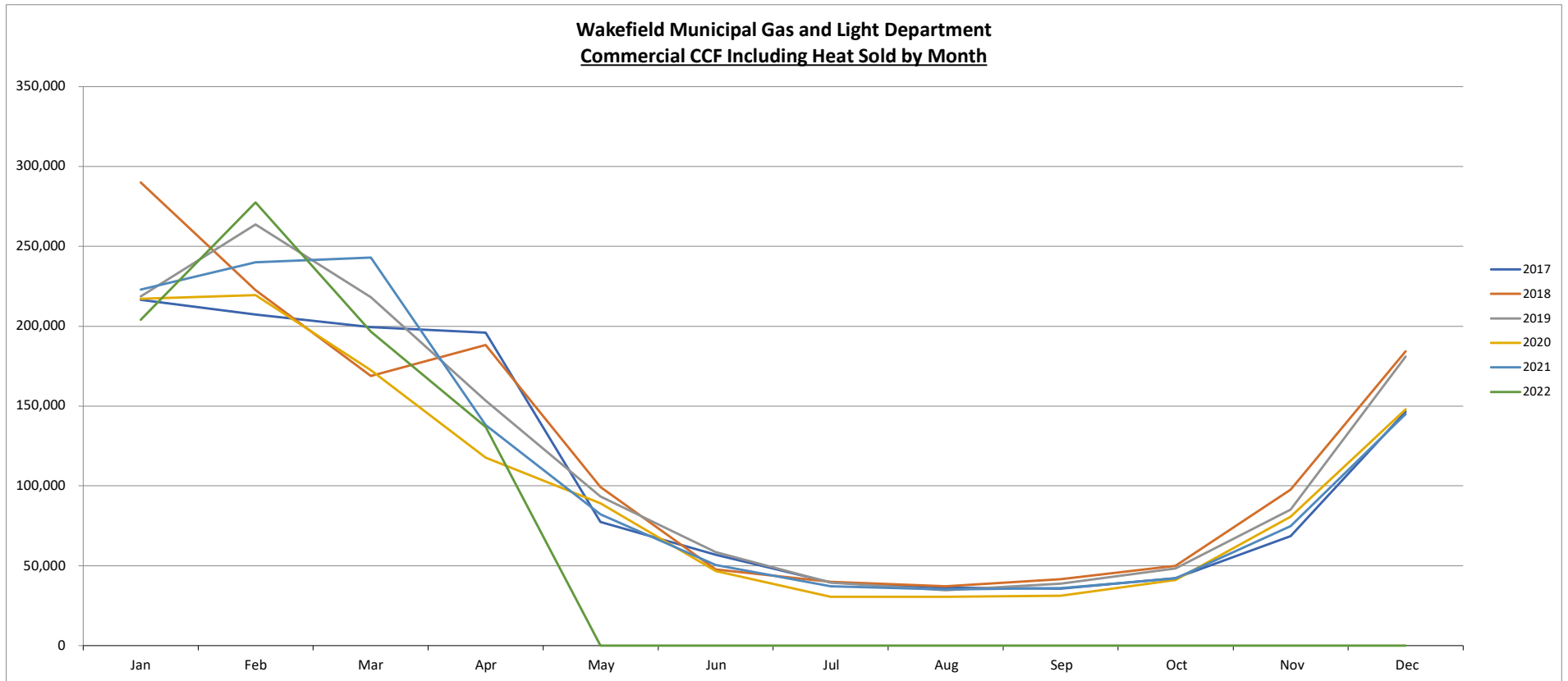
**Wakefield Municipal Gas and Light Department  
Residential CCF Including Heat Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Mar	Annual Total	Increase (Decrease)
2017	706,641	652,293	608,703	537,827	246,194	156,746	96,121	88,308	83,699	102,620	227,364	517,605	1,967,637	4,024,121	6.9%
2018	955,996	719,247	559,069	604,296	284,006	117,101	94,578	81,483	83,489	126,051	341,704	606,524	2,234,312	4,573,544	13.7%
2019	723,933	849,023	702,875	462,667	288,440	158,602	93,767	78,965	86,479	129,638	304,511	593,201	2,275,831	4,472,101	(2.2%)
2020	691,648	718,153	623,618	449,871	347,517	150,699	92,145	81,363	86,869	126,324	274,836	481,957	2,033,419	4,125,000	(7.8%)
2021	708,777	783,101	741,456	426,617	259,753	140,299	91,521	82,849	83,867	102,659	257,514	488,155	2,233,334	4,166,568	1.0%
2022	697,657	925,120	641,778	439,000	0	0	0	0	0	0	0	0	2,703,555	2,703,555	(35.1%)



**Wakefield Municipal Gas and Light Department  
Commercial CCF Including Heat Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Mar	Annual Total	Increase (Decrease)
2017	216,460	207,247	199,361	195,882	77,406	56,935	39,707	36,467	35,684	42,359	68,622	146,446	623,068	1,322,576	9.0%
2018	290,000	222,668	168,757	188,150	99,393	47,799	39,904	37,080	41,507	49,921	97,681	184,325	681,425	1,467,185	10.9%
2019	218,646	263,667	218,111	153,398	93,310	58,477	39,440	34,670	38,851	48,314	85,137	181,045	700,424	1,433,066	(2.3%)
2020	217,069	219,428	172,432	117,609	89,169	46,614	30,586	30,645	31,361	41,120	80,742	148,067	608,929	1,224,842	(14.5%)
2021	222,839	240,034	243,002	138,014	82,144	50,536	37,188	35,214	35,946	42,039	74,865	145,012	705,875	1,346,833	10.0%
2022	203,942	277,504	196,732	136,989	0	0	0	0	0	0	0	0	815,167	815,167	(39.5%)



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

	4/30/2021	4/30/2022
<b>ASSETS</b>		
Sinking Fund - Self Insurance	\$ 179,956.93	\$ 180,237.02
Depreciation Fund	182,889.54	183,026.75
Consumer Deposits	880,725.80	884,701.31
<b>Total Investments</b>	<b><u>1,243,572.27</u></b>	<b><u>1,247,965.08</u></b>
Operating Cash	13,515,997.94	13,714,438.51
Depreciation Fund	2,722.50	2,723.50
Consumer Deposits	325,086.09	299,230.58
Petty Cash	525.00	525.00
<b>Total Cash</b>	<b><u>13,844,331.53</u></b>	<b><u>14,016,917.59</u></b>
Accounts Receivable-Rates	3,273,648.69	3,414,326.82
Accounts Receivable-Other	1,992,221.70	1,627,970.18
Inventory	730,916.93	693,818.88
Prepayments Miscellaneous	1,077,055.85	1,051,171.37
Prepayments Power	3,782,083.19	4,349,821.35
Other Deferred Debits	1,134,583.18	641,829.43
<b>Total Other Assets</b>	<b><u>11,990,509.54</u></b>	<b><u>11,778,938.03</u></b>
<b>Total Current Assets</b>	<b>27,078,413.34</b>	<b>27,043,820.70</b>
Distribution Plant	19,636,322.57	19,760,060.30
General Plant	1,455,657.84	1,599,295.50
<b>Net Fixed Assets</b>	<b><u>21,091,980.41</u></b>	<b><u>21,359,355.80</u></b>
<b>Total Assets</b>	<b><u><u>\$ 48,170,393.75</u></u></b>	<b><u><u>\$ 48,403,176.50</u></u></b>
<b>LIABILITIES AND EQUITY</b>		
Accounts Payable	\$ 178,148.61	\$ 1,323,020.31
Consumer Deposits	1,205,811.89	1,183,931.89
Other Accrued Liabilities	1,461.68	3,832.00
Reserve for Uncollectable Accounts	218,397.21	127,607.01
<b>Total Current Liabilities</b>	<b><u>1,603,819.39</u></b>	<b><u>2,638,391.21</u></b>
Compensated Absences	467,256.96	429,177.54
MMWEC Pooled Loan Debt	12,168,820.58	10,241,315.13
OPEB Liability	1,936,702.25	1,231,362.25
Pension Liability	7,743,000.00	7,083,750.00
<b>Total Long Term Liabilities</b>	<b><u>22,315,779.79</u></b>	<b><u>18,985,604.92</u></b>
<b>Total Liabilities</b>	<b>23,919,599.18</b>	<b>21,623,996.13</b>
Retained Earnings	10,396,846.32	11,758,002.40
Year to Date Income	1,916,596.28	1,821,085.91
Sinking Fund Reserve-Self Ins	179,956.93	180,237.02
Contribution in Aid of Construction	3,705,337.66	3,705,337.66
Investment in Fixed Assets	8,052,057.38	9,314,517.38
<b>Total Equity</b>	<b><u>24,250,794.57</u></b>	<b><u>26,779,180.37</u></b>
<b>Total Liabilities and Equity</b>	<b><u><u>\$ 48,170,393.75</u></u></b>	<b><u><u>\$ 48,403,176.50</u></u></b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Electric Fund**  
**For the Ten Months Ending, April 30, 2022**

	CURRENT MONTH		YEAR TO DATE	
	FY 2021	FY 2022	FY 2021	FY 2022
<b>Energy Revenue (Net of Discounts)</b>				
Residential Sales	\$ 933,780.46	\$ 1,033,827.68	\$ 11,697,166.78	\$ 12,045,143.40
Commercial Sales	872,392.57	964,985.11	9,440,551.92	9,881,008.90
Street Lighting	15,678.00	15,678.00	156,775.00	156,775.00
Municipal Sales	88,143.43	100,439.05	896,170.20	1,077,637.97
Private Area Lighting	7,399.00	7,305.00	73,806.83	73,733.67
Green Choice Revenue	-	708.78	-	7,503.47
<b>Total Energy Revenue</b>	<b>1,917,393.46</b>	<b>2,122,943.62</b>	<b>22,264,470.73</b>	<b>23,241,802.41</b>
<b>Other Revenues</b>				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	437.54	326.14	4,831.50	3,118.08
Interest Income-Depreciation Fund	11.38	11.33	115.34	115.07
Interest Income-Self Ins Sinking Fund	18.09	71.05	307.23	250.37
Interest Income-MMWEC	2,489.40	(6,519.51)	6,637.92	(32,232.44)
Income ( Exp ) - Merchandise & Jobbing	18,198.14	(1,607.03)	(183,453.25)	73,366.09
Other Revenues	100.00	100.00	(6,010.26)	600.00
Sales Tax	46,006.99	49,049.10	514,369.45	510,642.28
Conservation Charge	15,104.29	38,136.55	124,566.47	277,547.13
Reconnect Fees	-	325.00	800.00	2,025.00
Comcast & RCN Pole Fees	-	-	103,955.37	210,037.31
Insurance Reimbursements	-	-	6,100.00	23,876.02
Other Electric Revenue	776.91	527.67	2,571.64	12,761.84
<b>Total Other Revenue</b>	<b>83,142.74</b>	<b>80,420.30</b>	<b>574,791.41</b>	<b>1,082,106.75</b>
<b>Total Revenue</b>	<b>2,000,536.20</b>	<b>2,203,363.92</b>	<b>22,839,262.14</b>	<b>24,323,909.16</b>
<b>Power Costs</b>				
Purchased Power	(943,285.45)	(1,045,078.55)	(11,506,431.84)	(12,858,874.38)
Power Expense Generation	(9,328.36)	(7,990.83)	(98,184.82)	(84,959.84)
Power Expense Battery	(6,756.74)	(6,307.51)	(69,210.83)	(64,772.62)
<b>Total Power Costs</b>	<b>(959,370.55)</b>	<b>(1,059,376.89)</b>	<b>(11,673,827.49)</b>	<b>(13,008,606.84)</b>
<b>Gross Profit</b>	<b>\$ 1,041,165.65</b>	<b>\$ 1,143,987.03</b>	<b>\$ 11,165,434.65</b>	<b>\$ 11,315,302.32</b>
<b>Operating Expenses</b>				
<b>Miscellaneous Operating Expenses</b>				
Depreciation Expense	(240,062.49)	(244,141.65)	(2,402,863.18)	(2,416,941.57)
Sales Tax	(46,006.99)	(49,049.10)	(514,369.45)	(510,642.28)
Interest Expense-Consumer Deposits	(379.94)	(1,017.07)	(13,576.67)	(6,256.43)
Interest Expense-MMWEC	(18,611.31)	(17,103.28)	(209,740.49)	(192,054.90)
<b>Total Misc Operating Expenses</b>	<b>(305,060.73)</b>	<b>(311,311.10)</b>	<b>(3,140,549.79)</b>	<b>(3,125,895.18)</b>
<b>Distribution Expenses</b>				
Operations Supervision and Engineering	(10,628.85)	(21,954.87)	(157,886.78)	(226,977.72)
Operations Labor	11,215.41	18,066.50	29,518.57	157,480.86
Substation Salaries and Expense	(58,690.08)	(37,204.76)	(520,059.36)	(555,881.27)
Customer Installation Expenses	293.72	(506.17)	(20,149.90)	(5,950.06)
Miscellaneous Distribution Expenses	(51,606.01)	(45,914.12)	(540,674.53)	(531,654.07)
<b>Total Distribution Expenses</b>	<b>(109,415.81)</b>	<b>(87,513.42)</b>	<b>(1,209,252.00)</b>	<b>(1,162,982.26)</b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Electric Fund**  
**For the Ten Months Ending, April 30, 2022**

	CURRENT MONTH		YEAR TO DATE	
	FY 2021	FY 2022	FY 2021	FY 2022
<b>Maintenance Expenses</b>				
Maintenance Supervision and Engineering	(17,543.60)	(21,656.07)	(181,374.20)	(184,877.51)
Maintenance of Station Equipment	-	(304.00)	(1,534.84)	(930.71)
Maintenance of Other Equipment	(2,895.00)	-	(6,772.02)	(942.44)
Maintenance of Overhead Lines	(185,323.33)	(93,354.38)	(638,148.94)	(1,218,960.68)
Maintenance of Underground Lines	(2,272.67)	-	(10,633.43)	(2,220.25)
Maintenance of Line Transformers	(8,365.00)	-	(8,365.00)	(5,630.00)
Maintenance of Street Lighting	-	-	(201.25)	(476.28)
Maintenance of Meters	(763.81)	(506.17)	290.57	(5,950.06)
Maintenance of Other Distribution Plant	(3,430.98)	(1,161.59)	(39,519.96)	(12,787.74)
<b>Total Maintenance Expenses</b>	<b>(220,594.39)</b>	<b>(116,982.21)</b>	<b>(886,259.07)</b>	<b>(1,432,775.67)</b>
<b>Customer Account Expense</b>				
Meter Reading Expense	(3,885.02)	(3,331.84)	(61,387.50)	(34,989.31)
Customer Records & Collection Exp	(58,024.87)	(67,820.14)	(591,286.45)	(623,568.44)
<b>Total Customer Account Exp</b>	<b>(61,909.89)</b>	<b>(71,151.98)</b>	<b>(652,673.95)</b>	<b>(658,557.75)</b>
<b>Administrative and General Expenses</b>				
Community Relations & Advertising	(1,722.86)	(15,208.85)	(43,828.72)	(46,526.75)
Administrative Salaries and Expense	(16,179.52)	(23,689.95)	(179,997.29)	(170,734.72)
Business Mgr and Accting Salaries and Exp	(10,522.60)	(17,609.54)	(147,540.04)	(166,823.73)
MIS Salaries and Expense	(11,939.09)	1,172.08	(144,757.38)	(273,680.08)
Outside Services	-	-	(20,250.00)	(20,625.00)
Conservation & Rebates	(26,637.12)	(28,877.43)	(233,380.66)	(338,186.71)
Property Insurance	(5,375.08)	(4,707.42)	(53,750.84)	(47,074.16)
Injuries and Damages	(4,578.05)	(6,319.52)	(47,833.12)	(61,915.13)
Employee Pensions and Benefits	(136,153.04)	(121,318.84)	(1,450,527.29)	(1,291,299.71)
Miscellaneous General Expenses	(580.88)	(939.62)	(66,203.77)	(29,506.02)
Maintenance of General Plant	(8,168.76)	(7,223.08)	(116,238.01)	(75,686.92)
<b>Total Admin &amp; General Expenses</b>	<b>(221,857.00)</b>	<b>(224,722.17)</b>	<b>(2,504,307.12)</b>	<b>(2,522,058.93)</b>
<b>Net Income (Loss) Before Surplus</b>				
<b>Adjustments</b>	<b>\$ 122,327.83</b>	<b>\$ 332,306.15</b>	<b>\$ 2,772,392.72</b>	<b>\$ 2,413,032.53</b>
<b>Surplus Adjustments</b>				
<b>Additions</b>				
Sale of Scrap	1,495.00	-	25,633.15	43,085.39
MMWEC Refund	-	-	46,343.35	-
<b>Total Additions to Surplus</b>	<b>1,495.00</b>	<b>-</b>	<b>71,976.50</b>	<b>43,085.39</b>
<b>Subtractions</b>				
Interest on Sinking Fund	18.09	71.05	307.23	250.37
Payment in Lieu of Taxes	57,380.00	58,240.63	573,800.00	582,406.26
Plant Removal Costs	-	-	353,665.71	52,375.38
<b>Total Subtractions from Surplus</b>	<b>57,398.09</b>	<b>58,311.68</b>	<b>927,772.94</b>	<b>635,032.01</b>
<b>Net Income (Loss)</b>	<b>\$ 66,424.74</b>	<b>\$ 273,994.47</b>	<b>\$ 1,916,596.28</b>	<b>\$ 1,821,085.91</b>

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

	4/30/2021	4/30/2022
<b>ASSETS</b>		
Sinking Fund - Self Insurance	\$ 179,956.92	\$ 180,237.02
Consumer Deposits	96,727.41	97,169.18
<b>Total Investments</b>	<b><u>276,684.33</u></b>	<b><u>277,406.20</u></b>
Operating Cash	(15,613,111.01)	(17,198,831.02)
Consumer Deposits	201,207.27	204,390.50
Petty Cash	175.00	175.00
<b>Total Cash</b>	<b><u>(15,411,728.74)</u></b>	<b><u>(16,994,265.52)</u></b>
Accounts Receivable-Rates	1,112,466.24	1,289,678.72
Inventory	533,172.38	718,957.93
Prepayments Miscellaneous	161,646.76	168,458.87
Other Deferred Debits	389,251.13	214,900.53
<b>Total Other Assets</b>	<b><u>2,196,536.51</u></b>	<b><u>2,391,996.05</u></b>
<b>Total Current Assets</b>	<b>(12,938,507.90)</b>	<b>(14,324,863.27)</b>
Distribution Plant	24,744,925.35	25,230,732.54
General Plant	504,269.29	470,043.95
<b>Net Fixed Assets</b>	<b><u>25,249,194.64</u></b>	<b><u>25,700,776.49</u></b>
<b>Total Assets</b>	<b><u><u>\$ 12,310,686.74</u></u></b>	<b><u><u>\$ 11,375,913.22</u></u></b>
<b>LIABILITIES AND EQUITY</b>		
Accounts Payable	\$ (17,583.90)	\$ (1,758.77)
Consumer Deposits	297,934.68	301,559.68
Other Accrued Liabilities	367.72	1,273.08
Reserve for Uncollectable Accounts	218,397.21	127,607.01
<b>Total Current Liabilities</b>	<b><u>499,115.71</u></b>	<b><u>428,681.00</u></b>
Compensated Absences	267,026.80	271,895.82
OPEB Liability	544,080.75	308,967.75
Pension Liability	2,581,000.00	2,361,250.00
<b>Total Long Term Liabilities</b>	<b><u>3,392,107.55</u></b>	<b><u>2,942,113.57</u></b>
<b>Total Liabilities</b>	<b>3,891,223.26</b>	<b>3,370,794.57</b>
Retained Earnings	(16,102,248.00)	(17,014,348.96)
Year to Date Income ( Loss )	575,732.89	(564,566.48)
Sinking Fund Reserve-Self Ins	179,956.92	180,190.42
Contribution in Aid of Construction	13,600.00	13,600.00
Investment in Fixed Assets	23,752,421.67	25,390,243.67
<b>Total Equity</b>	<b><u>8,419,463.48</u></b>	<b><u>8,005,118.65</u></b>
<b>Total Liabilities and Equity</b>	<b><u><u>\$ 12,310,686.74</u></u></b>	<b><u><u>\$ 11,375,913.22</u></u></b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Gas Fund**  
**For the Ten Months Ending, April 30, 2022**

	CURRENT MONTH		YEAR TO DATE	
	FY 2021	FY 2022	FY 2021	FY 2022
<b>Energy Revenue (Net of Discounts)</b>				
Residential Sales	\$636,111.33	\$819,538.76	\$6,174,714.11	\$7,174,896.60
Commercial Sales	195,180.33	247,324.18	1,870,514.52	2,134,098.29
Municipal Sales	60,893.31	79,055.77	681,574.60	765,874.84
<b>Total Energy Revenue</b>	<b>892,184.97</b>	<b>1,145,918.71</b>	<b>8,726,803.23</b>	<b>10,074,869.73</b>
<b>Other Revenues</b>				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	48.61	36.25	536.87	315.15
Interest Income-Self Ins Sinking Fund	18.08	71.06	307.21	328.33
Income from Merchandise & Jobbing	(1,844.24)	1,202.13	35,958.50	12,194.57
Special Gas Charges	200.60	-	3,522.30	350.60
Sales Tax	8,896.89	10,522.20	89,330.67	92,492.64
Reconnect Fees	-	-	50.00	-
Insurance Reimbursements	-	-	-	-
Other Gas Revenue	(925.97)	74.03	7,069.27	34,292.10
<b>Total Other Revenue</b>	<b>6,393.97</b>	<b>11,905.67</b>	<b>136,774.82</b>	<b>139,973.39</b>
<b>Total Revenue</b>	<b>898,578.94</b>	<b>1,157,824.38</b>	<b>8,863,578.05</b>	<b>10,214,843.12</b>
<b>Gas Purchased</b>	<b>(289,070.57)</b>	<b>(309,161.57)</b>	<b>(4,483,093.63)</b>	<b>(6,284,291.19)</b>
<b>Gross Profit</b>	<b>\$ 609,508.37</b>	<b>\$ 848,662.81</b>	<b>\$ 4,380,484.42</b>	<b>\$ 3,930,551.93</b>
<b>Operating Expenses</b>				
<b>Miscellaneous Operating Expenses</b>				
Depreciation Expense	(163,872.56)	(172,822.89)	(1,596,052.68)	(1,674,526.85)
Sales Tax	(8,896.89)	(10,522.20)	(89,330.67)	(92,492.64)
Interest Expense-Consumer Deposits	(94.99)	(270.36)	(3,394.17)	(1,663.10)
<b>Total Misc Operating Expenses</b>	<b>(172,864.44)</b>	<b>(183,615.45)</b>	<b>(1,688,777.52)</b>	<b>(1,768,682.59)</b>
<b>Distribution Expenses</b>				
Operations Supervision and Engineering	(25,233.44)	(17,209.44)	(182,089.78)	(201,157.75)
Station Labor and Expenses	(14,157.09)	(12,163.32)	(150,834.45)	(178,041.61)
Mains and Service	1,461.68	5,374.31	(44,107.91)	45,654.32
Customer Installation Expenses	(504.42)	(14,225.41)	(96,406.26)	(224,886.25)
Miscellaneous Plant Expenses	(1,234.30)	(1,619.50)	(67,714.55)	(65,261.11)
<b>Total Distribution Expenses</b>	<b>(39,667.57)</b>	<b>(39,843.36)</b>	<b>(541,152.95)</b>	<b>(623,692.40)</b>
<b>Maintenance Expenses</b>				
Maintenance of Mains	(9,558.00)	(29,659.91)	(263,738.96)	(455,848.74)
Maintenance of Meters and House Regulators	(4,227.98)	(612.00)	(14,715.85)	(9,069.77)
Maintenance of Other Equipment	(314.24)	(1,570.05)	(24,583.04)	(17,014.58)
<b>Total Maintenance Expenses</b>	<b>(14,100.22)</b>	<b>(31,841.96)</b>	<b>(303,037.85)</b>	<b>(481,933.09)</b>
<b>Customer Account Expense</b>				
Meter Reading Expense	(1,295.01)	(1,110.60)	(20,462.49)	(12,758.37)
Customer Record and Collection Expenses	(21,341.62)	(22,421.67)	(213,032.46)	(217,135.20)
<b>Total Customer Account Expenses</b>	<b>(22,636.63)</b>	<b>(23,532.27)</b>	<b>(233,494.95)</b>	<b>(229,893.57)</b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Gas Fund**  
**For the Ten Months Ending, April 30, 2022**

	CURRENT MONTH		YEAR TO DATE	
	FY 2021	FY 2022	FY 2021	FY 2022
<b>Administrative and General Expenses</b>				
Advertising	-	-	(5,524.56)	(4,135.82)
Administrative Salaries and Expense	(5,193.18)	(7,696.64)	(57,999.06)	(52,968.81)
Business Mgr and Accting Salaries and Exp	(3,056.20)	(5,469.58)	(50,011.99)	(51,325.67)
MIS Salaries and Expense	(3,979.69)	390.69	(48,252.45)	(91,226.58)
Outside Services	-	-	(11,087.50)	(7,716.59)
Property Insurance	(329.08)	(288.17)	(3,290.84)	(2,881.66)
Injuries and Damages	(167.70)	(2,106.51)	(11,741.50)	(21,820.71)
Employee Pensions and Benefits	(33,223.68)	(23,423.78)	(390,824.50)	(251,771.10)
Miscellaneous General Expenses	(23.49)	(1,916.30)	(39,214.45)	(15,521.14)
Maintenance of General Plant	(1,459.25)	(2,407.70)	(21,862.91)	(25,228.99)
<b>Total Admin &amp; General Expenses</b>	<b>(47,432.27)</b>	<b>(42,917.99)</b>	<b>(639,809.76)</b>	<b>(524,597.07)</b>
<b>Net Income (Loss) Before Surplus</b>				
<b>Adjustments</b>	<b>\$312,807.24</b>	<b>\$526,911.78</b>	<b>\$974,211.39</b>	<b>\$301,753.21</b>
<b>Surplus Adjustments</b>				
<b>Additions</b>	-	-	-	-
<b>Subtractions</b>				
Interest on sinking fund investment	18.08	71.06	307.21	250.38
Payment in Lieu of Taxes	19,126.67	19,413.54	191,266.66	194,135.40
Plant Removal Costs	-	-	206,904.63	671,933.91
<b>Total Subtractions from Surplus</b>	<b>19,144.75</b>	<b>19,484.60</b>	<b>398,478.50</b>	<b>866,319.69</b>
<b>Net Income (Loss)</b>	<b>\$293,662.49</b>	<b>\$507,427.18</b>	<b>\$575,732.89</b>	<b>(\$564,566.48)</b>



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

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

Peter D. Dion, General Manager

May 19, 2022

David DiBarri Superintendent - Director  
Northeast Metropolitan Regional Vocational High School  
100 Hemlock Road  
Wakefield, MA 01880

**Northeast Metropolitan Regional Vocational High School**  
**Electric Service Memorandum of Understanding (MOU)**

The Wakefield Municipal Gas and Light Department (WMGLD) has made significant progress with the Design Team for the new Northeast Metropolitan Regional Vocational Technical High School (NEMT). As a result of our weekly meetings, we have agreed to the following items which balances fiscal challenges, environmental goals and electric & gas utility services that support the State's Net Zero goals, as outlined in the Massachusetts 2050 Decarbonization Roadmap.

We have discussed many options and appreciate your support of the final proposal to convert the proposed building design from gas heating to all electric heating, as well as other future facing opportunities. Below we summarize WMGLD's commitment to the project.

1. **Backup Generation and Batteries** - WMGLD has agreed to design and construct an energy park creating a micro-grid on Hemlock Road eliminating the need for an on-site diesel generator at the school and dramatically reducing project costs. The Energy Park will use a combination of energy storage equipment, rooftop solar, natural gas generator, and utility grade equipment connected to the electric grid to meet energy requirements of the new facility. This design has been reviewed by the local authority enforcing the code to ensure it meets all code requirements, specifically life safety. WMGLD is a partner in this project and is committed to meeting the electrical needs for temporary construction, permanent and emergency power for occupancy as defined in the project schedule. The new school construction will be concurrent with the energy park construction, as such delays and coordination are always a concern. If WMGLD experiences any delays providing emergency power from our energy park that impact occupancy, WMGLD will provide temporary emergency generation at our cost to ensure life safety and occupancy milestones are met.

2. **Electric Vehicle Chargers** – Transportation is the largest source of GHG emissions in the state and emissions from the transportation sector remain the states’ foremost challenge in reaching its goal of net zero emissions in 2050. WMGLD will provide the school with five Level 2 electric vehicle chargers at no cost, to be installed as part of the project. Each charger can serve two electric vehicles. The chargers will be required to be metered separately so that they may take advantage of any special electric vehicle rates or programs that are developed in the future.
  
3. **Rooftop Solar**- The building roof is being designed to support a solar array of approximately 250 KW. WMGLD will design and install the array immediately after the building is constructed at no cost to the school. The primary output of the array will supply the school at no cost, reducing monthly utility charges. Any excess solar generation will return to WMGLD and flow back to the Energy Park to be constructed at a site adjacent to NEMT. WMGLD will retain and retire all environmental attributes to complement WMGLD’s goal of increasing non-carbon emitting generation.
  
4. **Energy Efficiency Incentives** - WMGLD will provide \$250,000 in energy efficiency incentives to support the design and installation of energy efficient electric technologies.
  
5. **Electric and Gas Interconnection Costs** – Redesigning the building to be all electric was a significant effort by the design team. It is understood that it is a priority of the design is to still have gas service at the facility for educational laboratory spaces and for food preparation. Since there will be both gas and electric service interconnection costs, the WMGLD will provide a \$300,000 credit to the cost of those interconnections. The project developer would still have the responsibility to bring utility interconnection points to the property line, but the WMGLD will reduce by \$300,000 the utility costs that would be charged. The credit will apply to the installation and construction costs of serving the new school as follows:

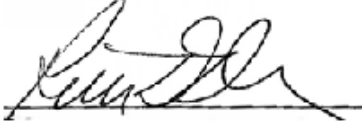
**Summary of utility interconnection costs:**

Electric costs	\$236,625.62
Gas costs	\$250,000.00
<b>Total Utility Interconnection Costs</b>	<b>\$486,625.62</b>
<b>Utility Credit</b>	<b>-\$300,000.00</b>
<b>Total Utility Charge</b>	<b>\$186,625.62</b>

6. **Educational Partner** - In addition to these physical improvements WMGLD is committed to being a partner with NEMT in sharing information from this unique project on non-carbon emitting technologies, energy management and the impact these measures have on reaching the State's Net Zero goals as outlined in the Massachusetts 2050 Decarbonization Roadmap. Our combined efforts are well aligned as leaders in the training of future generations of specialists in energy related emerging technologies.

Thank you again for allowing us to work with you on this project and your support of these innovative solutions.

Sincerely,



Peter Dion  
General Manager  
Wakefield Municipal Gas and Light Department

cc:

Northeast Metro Tech Building Committee  
Wakefield Municipal Gas and Light Board of Commissioners  
State Representative Donald Wong  
State Representative Kate Lipper-Garabedian  
State Senator Jason Lewis



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Peter D. Dion, General Manager

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Philip Courcy, Secretary  
Kenneth J. Chase, Jr.  
Jennifer Kallay  
Thomas Boettcher

**Wakefield Municipal Gas & Light Department  
Board of Gas & Light Commissioners Meeting**

**July 17, 2019**

**MINUTES**

**IN ATTENDANCE:**

John J. Warchol, Chair  
Philip Courcy, Secretary  
Kenneth J. Chase, Jr.  
Jennifer Kallay  
Thomas Boettcher

Peter Dion, General Manager, WMGLD  
Maureen Mata, Executive Assistant  
Gene Sullivan Asst. General Manager  
Mark Cousins, Financial Manager  
Dave Polson, Operations Manager  
Joe Collins, Intern

**PLACE: WMGLD Conference Room, 480 North Avenue**

**CALL TO ORDER:**

Chair Warchol called the meeting to order at 6:30 PM and announced the meeting is being recorded.

## **Opening Remarks:**

**Chair's Remarks:** Chair Warchol referred to his discussion of the Open Meeting Law at a previous meeting and informed the Board that there were two webinars scheduled on the open meeting law. They will be held on July 18 from 9:30 AM to 11 AM and August 12 from 12:30 PM to 2:00 PM

**Commissioners Remarks:** Commissioner Kallay informed the Board that a community conversation on climate change has been suggested, and she would like to see the development of a greenhouse gas inventory for the town. The Massachusetts Area Planning Commission has a proposal to standardize municipal greenhouse gas inventories

Commissioner Kallay also inquired as to recent problems at the Public Safety building with their emergency generator. It did not operate during a recent outage. General Manager Dion told the board that the WMGLD provided assistance to the Public Safety Building and it was determined that the generator had not been maintained and that the town electrician was resolving this issue.

Commissioner Kallay inquired if the WMGLD policy handbook addresses vehicle idling. The General Manager responded that there is a policy but it is not detailed in the handbook. Commissioner Kallay offered to forward the state idling policy for consideration to be added to the policy handbook

**NEPPA August Conference:** Commissioner Kallay reminded the Board members that this was the last meeting before the conference so plans should be made if you are planning to attend. Commissioner's Kallay, Warchol, Chase, and Courcy will attend, and Commissioner Boettcher would check his calendar first.

## **Secretary's Report:**

### **Approval of Minutes:**

Approval of minutes from the June 5, 2019 meeting was before the Board for approval. Commissioner Kallay offered an edit to clarify that under Commissioner's Remarks, it should say develop a "Municipal Vulnerability Preparedness Plan" instead of a climate change action plan.

**A motion** to approve the minutes of the June 5, 2019 meeting with the proposed edit was made by Commissioner Chase and seconded by Commissioner Courcy.

**Vote:** The motion was approved unanimously

**Old Business:**

**Legislative Update:**

The General Manager advised the Board that there was a recent hearing before the Joint Committee on Telecommunications and Energy. The subject was legislation retaining the authority municipal utilities have to formulate their own path to clean energy.

The General Manager outlined municipal green energy initiatives to date and discussed the potential for the near future. Commissioner Kallay also provided testimony in opposition to the municipal position. Commissioner Courcy took issue with Commissioner Kallay's testimony as it was not clear she was representing an individual viewpoint. Commissioner Courcy stated his position that policy decisions should be discussed by the Board. Commissioner Warchol took issue with the definition of clean energy in the legislation stating that the WMGLD currently receives 60% of its energy from non-carbon emitting sources, but we would not get credit for most of this under the legislation supported by Commissioner Kallay.

All Board members agreed that the issue should be discussed at a future meeting and proceed based on the majority opinion.

**SOLAR PROGRAM:** The General Manager initiated a discussion of the new solar program by updating the status of applications. Commissioner Boettcher inquired as to the possibility of additional funding, and the General Manager replied that it was a possibility once the state disbursed unallocated funds. Commissioner Boettcher also requested that the Board be regularly informed of our solar fund expenditures.

**Electric Vehicle Charging Stations:** Under a proposal by the WMGLD, three EV chargers could be located in town. The WMGLD will pay for the installation and charge the town for electric usage. Commissioner Warchol expressed his reluctance to support a program that is not likely to recover all capital costs. General Manager Dion expressed the philosophy that this type of program requires financial participation from the WMGLD, and the benefits to the town may be significant.

The Level 3 charger could be located in the Main Street town parking lot with the intent to drive users to local businesses. The effect of Envision Wakefield was discussed and the Board was informed that the locations were chosen by the town with full knowledge of the proposed Main Street renovation project.

A discussion of rates ensued. Commissioner Warchol indicated that he would be more comfortable supporting this project if user experience allows us to adjust the rate charged to the town to the power rate.

**A motion** to approve the investment in EV chargers subject to WMGLD providing guidance and education to town officers regarding general rate-making principles, and further, a draft letter of agreement will be developed as a rider to the terms of service was made by Commissioner Courcy and seconded by Commissioner Boettcher.

**Vote:** The motion was approved 4 to 1 with Commissioner Chase voting in the negative.

### **New Business:**

**Energy Efficiency Programs:** General manager Dion introduced Joe Collins, intern. Joe is analyzing the WMGLD energy efficiency program and presented results to date to the Board. The General Manager stated that the reason for the review is based on results from our recent customer survey that indicated that improvements could be made in this area. It was shown that the WMGLD had performed about 2,100 residential audits out of a housing stock of approximately 9,000 units.

The development of a commercial audit program was discussed. The General Manager recommended that the WMGLD eliminate the current, 30 cent conservation rate and replace it with an energy conservation charge. This will require a public hearing and a filing at the DPU.

The Board requested that this be discussed at the September meeting and Board members would forward all questions to the General manager as soon as possible so they can be accommodated in advance, the General Manager also recommended that we post the required public hearing for the October 2019 meeting.

**New Gas Service Moratorium:** The General Manager proposed that the WMGLD implement a moratorium on any new multi-family residence gas services. Gas supply is unpredictable, and we installed LNG capacity last winter to provide the necessary product. A moratorium on new gas services on multi-family residences will allow the WMGLD to meet current needs and can be reviewed in the future. The Board can always consider service applications on an individual application basis.

**A motion** to approve the gas multi-family residential moratorium was made by Commissioner Chase and seconded by Commissioner Kallay.

**Vote:** The motion was approved unanimously

**Adjournment:**

**A motion** to adjourn was made at 9:21 P.M. by Commr. Chase and seconded by Commr. Boettcher.

**Vote:** Unanimously in favor of adjournment.

Press information from:  
**WAKEFIELD MUNICIPAL GAS & LIGHT DEPARTMENT**

For immediate release 8-28-19

For information contact:  
(781) 245-7070

**WMGLD issues moratorium on natural gas  
installation to multi-unit homes and buildings**

(Wakefield, MA) – The Wakefield Municipal Gas & Light Department (WMGLD) and its Board of Commissioners have issued a moratorium on the installation of natural gas services to multi-family homes, apartment buildings and condominium buildings. The moratorium will not affect single family homes, and new restaurants in multi-use buildings will be allowed natural gas cooking service only.

The temporary measure is necessary to ensure adequate service to WMGLD customers, especially during times of peak consumption, according to WMGLD General Manager Pete Dion. The move will also help the WMGLD manage the increasing costs of natural gas during peak times.

“The volume of gas used during peak heating times in the region has increased over the past several years, while the supply capacity into the New England region has not,” the General Manager said. “The availability of gas on the coldest peak winter days is becoming an issue and driving costs much higher. At this time, we can not add more multi-family gas heat customers as it just adds to the problem. Fortunately, there are more and more cost-effective alternatives like heat pumps that we will be encouraging and supporting in the coming months to reduce the impact of this change on our customers.”

“The WMGLD will review the status of the natural gas supply into our region and the need for the moratorium as we move forward,” General Manager Dion added.

Information about the multi-family natural gas installation moratorium can be obtained by contacting the WMGLD at (781) 246-6363.