

# **Wakefield Municipal Gas and Light Department**

## **Board of Commissioners**



**April 7, 2021**

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

**DATE:** April 7, 2021  
**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://zoom.us/j/91986103502>

Meeting ID: 919 8610 3502

Dial in

+1 646 876 9923

Meeting ID: 919 8610 3502

**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**

**April 7, 2021**

**AGENDA  
6:30 PM**

- A. Call to Order**
- B. Opening Remarks**
  - Chair's Remarks – Phil Courcy
  - Commissioners Reports
  - Town Council Liaison Comments
  - Public Comments
- C. Secretary's Report**
  - 1 Approval of March 3, 2021 Minutes
- D. Old Business**
  - 1 Project Updates
  - 2 Upcoming Board reorganization
  - 3 Collective Bargaining - possible some discussion in open meeting if applicable
- E. New Business**
  - 1 Envision Wakefield Downtown Projects
- F. Any other matter not reasonably anticipated by the Chair**
- G. Executive Session – Collective Bargaining**
- H. Adjournment**



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

Peter D. Dion, General Manager

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

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

**March 3, 2021**

### **MINUTES**

#### **IN ATTENDANCE:**

Comms. Phil Courcy, Chairman  
Thomas Boettcher, Secretary  
Jennifer Kallay  
John J. Warchol  
Ken Chase

Peter Dion, General Manager, WMGLD

Mark Cousins, Financial Manager  
Sylvia Vaccaro, Office Manager

Julie Smith-Galvin, Town Liaison

Members of the Public

Elton Prifti 18 Partridge Ln.

**PLACE:** ZOOM MEETING

#### **CALL TO ORDER:**

Commr. Courcy called the meeting to order at 6:30 P.M. and informed the Board the meeting is being recorded.

## **Chair Remarks:**

Commr. Courcy commented on the failure of the Texas Grid system that led to 80 deaths. He stated that this serves as a reminder of how important the safety aspect of our business is. He also mentioned the construction accident in Boston where two workers were killed when they were struck by a truck and knocked into a trench. He noted that OSHA will be investigating, and we will follow-up on this as trench work is part of our work processes. He also noted that there was another construction accident in Cambridge where a stairway collapsed resulting in one injury and one death.

## **Commissioner Remarks:**

Commr. Kallay provided an update on the Green Communities meeting. They are moving forward with setting up utility data that will provide the foundation for the energy consumption and reduction plan. A tool called Mass Energy Insight will be used enabling the utility to upload monthly data by customer/meter number into the tool for electricity and natural gas, then the DPW will add the fuel being used on their end to the tool. This will provide a comprehensive picture of energy used by the municipal on an annual basis. Commr Kallay noted that this is restricted to government and municipal assets, such as town buildings and vehicles. Fiscal year 2019 was determined to be the baseline year. Going forward it will be by every fiscal year. Pete stated that once you establish a baseline year part of being a Green Community is committing to reductions in major areas including municipal buildings. Commr. Boettcher inquired if utilities could pick the base line year. Commr. Kallay said there was some flexibility, but you would not be allowed to pick an advantageous year.

Commr. Boettcher indicated that Nest & Honeywell thermostats are now eligible for the Connected Homes Program. He inquired if there would be a campaign to promote this. Pete replied that he was waiting on clarifications from MMWEC on the program. He stated that Nest is putting some restrictions on the program. Commr. Boettcher commented that NEST is only for the summer months(cooling) whereas Honeywell is for year-round.

Commr. Boettcher commented that a customer reached out to him about the gas pressure in Greenwood on Spring Street. He thanked Pete for the update and stated the customer was appreciative for the information. Pete said the upgrades on both sides of the intersection of Main street have been completed, as well as Spring Street and both sides of Greenwood Street. The section in the middle of Main Street still needs to be completed and hopefully that will resolve the issue.

Commr. Chase commented that he placed a routine gas service in to WMGLD this past month and wanted to commend gas personnel, Victor Saviano and John Davis on their professionalism during the call.

## **Public Remarks:**

No remarks

## **Town Council Comments:**

Julie Smith-Galvin joined the meeting a few minutes late and wanted to comment that the Green Communities meeting was held. Commr. Boettcher noted that Commr. Kallay did mention the meeting details earlier in the meeting.

## **Secretary's Report**

Approval of minutes from the February 3, 2021 meeting was before the Board for approval.

Commr. Courcy noted that the fourth paragraph on page 9 should be corrected to read Elton Prifti not Allen Prifti. On page 10, paragraph 4 the second sentence the word in should be changed to; replaced by.

Commr. Kallay noted the following corrections:

In paragraph 4 on page 10 the word peekers should be replaced with peakers.

On page 11 third paragraph, fifth sentence, the word injustice should be replaced with justice.

The next paragraph on that page should read Commr. Kallay commented that she wants to be sure that this will not take away from our ability to invest in customer side resources.

On page 7, second paragraph should read Peabody does not post their meeting notes.

On page 8 middle section the sentence should read, As one of the originators of Berkshire Wind I we voted to expand Berkshire and Berkshire II three years ago.

On page 14, the percentages should be listed as follows:

Safety 20%  
Operational 20%  
Customer Service & Website 19.5%  
Financial 20 % Leadership 19.5%  
Total 99.0%

**A motion** was made by Commr. Warchol to approve the February 3, 2021 Board minutes with the amendments discussed and seconded by Commr. Courcy

<b>Roll Call Vote:</b>	Commr. Boettcher	Aye
	Commr. Chase	Aye
	Commr. Courcy	Aye
	Commr. Kallay	Aye
	Commr. Warchol	Aye

The motion was approved unanimously.

General Manager, Pete Dion informed the board that the DPU (Department of Public Utilities) clarified that Municipals are not included in the extension of the shut-off moratorium of July 1<sup>st</sup>. Although we are not included in this, Pete recommended that WMGLD delay shut offs until July 1<sup>st</sup> and begin sending out past due notices on April 1<sup>st</sup>. Commr. Kallay asked for clarification as to which customers would be shut-off and what the thresholds would be. Mark Cousins stated that if you are 60 days past due you would be eligible for shut-off. Commr. Warchol stated the DPU states that after 30 days a 15-day late notice goes out then after 15 days is over, a final 72 hour shut-off notice is sent. Mark stated that by the time the account is shut off it is approaching 90 days. He continued to say that normally we target accounts over \$500 which are 90 days or older. Unfortunately, in this COVID environment we are looking at more delinquent accounts. We are going to concentrate on the oldest absolute dollar amount. Commr. Warchol wanted to clarify that once a 72- hour notice goes out we do not go over that 72 hours. Mark agreed, however there may be times we go over due to weather or other unforeseen circumstances and if that is the case, we will issue another 72- hour notice. Pete mentioned that we do not shut-off on Friday, Saturday, or holidays. He noted that we usually shut-off on Wednesdays and Thursdays. Mark stated that we usually target for Thursdays because we are open until 6:00pm.

Commr. Kallay inquired if the threshold is the same for commercial customers as it is for residential customers. Mark noted commercials are exempt from this process, as the DPU does not have regulations regarding commercials. Mark went on to clarify that we do not shut-off in the winter because of freezing conditions. Commr. Kallay suggested that it may be beneficial if we had a written shut off policy for commercial customers so that it is transparent for everyone. Mark said that we can post Mass Reg. CMR 220 25.00 on our website.

Commr Boettcher inquired if anyone has ever questioned that we do not have a policy on C & I (Commercial & Industrial) customers as there is not a DPU regulation concerning C & I's. Pete stated there has not been any instances to date. We do send out past due notices to C & I customers and work with them. He continued to say that the people that do get shut off are the ones that do not reach out to us. Mark said what is great about being a municipal is the that because we do not have a regulation or policy in place, it allows us the flexibility to work with the C & I customer. A policy or regulation could work to the detriment of the C & I customer. Commr. Boettcher agreed but was concerned that our good will and flexibility could be used against us. Commr.

Kallay stated that she would feel more comfortable with something written down and believes you can incorporate flexibility into a policy. She is concerned that without a policy one might think there is bias against an individual and is concerned about the perception. Commr. Courcy stated that any time you create a system you create the ability for people to game that system. If we put something in writing that we do not need we may lose our ability to negotiate.

Pete noted we have kept the process like this because we are in accordance with the DPU regulation. If we are questioned, we can point to this regulation. He went on to state that we far exceed the regulation in our flexibility in working with our customers. If we put additional criteria on this it will only be used against us. We follow the criteria set by the State and strongly encourage customers to contact us, if they are having difficulty paying.

Commr. Kallay said that would be fine and putting it online or in the paper as a heads up would be helpful given the economic environment we are in now.

Pete stated that during this COVID environment, we did send out a press release and publish on Facebook to have customers reach out to us if they are having financial difficulties. He noted that we will get the message out again to our customers. Commr. Boettcher stated he sees this step as a protection for the utility.

Mark Cousins informed the Board that the receivable trend is improving compared to the last few months and directed the Board to pages 19,20, & 21 in the Board book.

Pete noted that it is in our best interest to communicate that even though we do not have to follow the state's moratorium extension we will be following the extension.

The IOUs (Investor-Owned Utilities) are anticipating some support from the State or Federal Government for lost receivables either in their rate base or receive some form of Federal aid. The municipals have not heard that they will be included in this program.

Commr. Boettcher inquired if MMWEC & ENE will have a seat at the table if Municipals are included in these discussions. Pete said they will be in attendance.

Pete stated there are projects in various states of planning totaling 1000 units which will be electric heat of some sort over the next 2-3 years.



## **Old Business:**

### **Project Updates**

#### **COVID 19**

Everyone has remained healthy and following safety rules and procedures. Our mask mandate will remain in effect.

Commr. Boettcher inquired if some personnel were able to obtain their vaccine. Pete said that they were and thanked Todd Bowden and Tom Walsh for their assistance.

#### **National Grid Project**

We are refreshing all our Dig Safe mark outs. United Civil will be back in April to start work again.

#### **McGrail Substation Upgrades**

The transformers were removed. We are now converting the 13.8 circuits in the tan building, then we will remove that building from the site. It should be wrapped up this summer.

#### **Climate Bill**

On January 5, the Legislature passed the bill and sent it to the Governor. He pocket vetoed it and sent it back with comments. When the Legislature returned the week of January 20<sup>th</sup>, they resubmitted the same bill to Governor, this time he sent it back formally with comments. The bill has gone back to the Telecommunication, Utility, and Energy Committee. These committee assignments changed with the new session, so there may be some delays with new members getting up to speed on the bill. We are hopeful that this will move along quickly. It is important to note the concerns with the bill have nothing to do with the MLP language.

#### **Electric Vehicle Charger Update**

Pete reviewed the details of the Residential EV Charging Program. When a customer purchases an electric vehicle, they submit an application for a free level II charger and also sign the load management agreement. This obligates them to participate in the EV load management program run by MMWEC. WMGLD requires the customer's electrician to sign for and pick up the charger at our office.

A detailed analysis of the Residential Electric Vehicle Charging Program by Jason Viadero of MMWEC was provided to the Board for review. Pete also shared Joe Collins' analysis that residential EV charger usage varies greatly but may not have a dramatic impact on the load per household because of other variables. Commr. Boettcher suggested bringing to Town Council information about the average length of charging especially the Lincoln Street charger, as well as the Americal charger which may be tied to economic activity. Pete noted that most charging is under 3 hours. Commr. Boettcher said one important piece of information is the 3-minute idle time, so people are leaving soon after their vehicle is finished charging which frees it up for the next person.

Julie Smith-Galvin stated that one question Town Council will have is if we set the pricing correctly so it will cover the town's cost. Pete stated that it did break even this year. Next year there will be two additional costs. The first is the renewal of the ChargePoint's network interconnection with ChargePoint second, is the extended warranty. WMGLD will pick up the 5-year warranty, but the town will need to cover the \$1700.00 yearly cost of the network cost. Pete stated that if we continue to see an increase in usage it will probably cover the \$1700.00 cost. He recommends holding the pricing a little longer to see if the increase in usage will cover this. The first few months after these public chargers were installed, we were in the COVID environment, so hopefully the second part of last year and the beginning of this year will provide more consistent data. Pete stated that he will provide these slides as a Power Point presentation for Town Council. Commr. Boettcher inquired if a WMGLD customer purchased their own charger and wanted to enroll into the program they would be enrolled in the Connected Homes program. Pete noted that when a customer enrolls in our program, they commit to 3 years and then are encouraged to enroll in Connected Homes after the 3-year period.

## **New Business**

### **Texas Electric System**

Pete began a discussion about the recent failure of the Texas Power Grid. He cited that obviously there were many layers of what happened. The gas supply issue, the steel in the ground generators, as well as renewable generators that led to the problem. He noted that WMGLD is similar to Texas as far as the fuel mix. We both heavily rely on gas. The renewable section of our portfolio is approximately the same, with Texas at 13% wind turbines and WMGLD at 11% renewable with more than half of that being wind turbines. The difference is that we are much colder resilient. The concerning issue that mirrored the most to WMGLD is the gas supply issue. If we are relying on generators and our gas supply is constrained and it almost did in 2017 when we had polar vortex, it is a scary proposition for the region. The regulators in New England will have to look at this. A major difference is that ERCOT is its own entity. It is separated from other Grids and

regions. It does not have a capacity market. There is no financial penalty or incentive to stay at a spinning reserve level ready to run or a financial penalty when you do not run. Unlike in New England, if you say you are available, and you receive a capacity payment you need to be available and if you are not there is a huge penalty. ERCOT felt on a peak day if the cost of energy rose because of demand, it would incent the generators to be ready. It was not incenting them to be ready for the extreme. Commr. Warchol asked Pete what he meant that ERCOT is its own entity as ISO New England is its own entity. He explained that ERCOT is not interconnected to any GRIDS. They do not bring in power from anywhere else. They are truly independent, so they do not fall under FEMA rules. Whereas ISO New England is connected to PJM, New York ISO, and Canada. We have interconnections that cross boundaries. Most of the other ISOs are interconnected, so they fall under the rules of FEMA.

Commr. Boettcher inquired if the gas supply in Texas had an impact on our gas pricing and if extreme winter conditions would affect our wind turbines. Pete stated the prices went up slightly but because of our layering strategy we are protected a little more. He also stated at that time we were experiencing milder temperatures, so there was little impact. Pete noted that in any extreme weather condition our wind turbines would not be any different than Texas. If it got to the level of icing that they had in Texas, our wind turbines would be locked out. We are more susceptible to hurricanes in this area which can cause the turbines to be locked down due to the high winds. Pete noted as we grow our reliance on offshore wind, we will have to consider these weather conditions when looking at our power supply mix and realize that every type of generation has restrictions. He explained that this is why you do not receive a huge capacity value from renewables in terms of allocation to your overall portfolio. You can not guarantee them to be available 100 percent of the time. You need to account for the time they will not be available.

Commr. Courcy stated that part of the Texas issue was that they did not have basic freeze protections resulting in losing units. They were within minutes or even seconds from losing the entire grid. He indicated that they will have to perform major structural grid work.

Commr. Kallay stated good points have been about climate change and the comparison of benefits and costs. We are seeing more of the impacts of climate change. These are costly and really aren't being factored into our investment decisions. It is very cost effective to do some of these basic measures to avoid or prevent these issues. Pete stated that having a diverse portfolio that does not rely on a single source but a wide variety of sources that protects us in the short and the long-term. The early discussions were that it was the renewables' fault however they only made-up 13 percent, but they were not the answer either. There needs to be a balance. Pete noted that we need to be smart as a region as we increase our use of renewables over the next twenty years that we make sure

we are making smart decisions and have protections because the vitality of the grid needs to be maintained through out the entire time as we change our supply mix. Commr. Boettcher said the Texas situation was a good lesson and reference for all of us to look at when we are talking about resiliency and planning our projects and layering the protections in all the things we do. Not only loss of property but more importantly the loss of life that happened because the utility was not there. Heat and electricity are basic tenets of living life especially in colder climates. We need to keep these things in mind as we discuss talk about policy and the things we do.

## **Executive Session**

**A motion** to enter executive session at 7:46 PM to discuss union collective bargaining, returning to open session at its conclusion to report on and vote for adjournment was made by Commr. Courcy and seconded by Commr. Boettcher.

<b>Roll Call Vote:</b>	Commr. Boettcher	Aye
	Commr. Chase	Aye
	Commr. Courcy	Aye
	Commr. Kallay	Aye
	Commr. Warchol	Aye

**A motion** to adjourn was made at 8:10 pm by Commr. Warchol and seconded by Commr. Courcy.

<b>Roll Call Vote:</b>	Commr. Boettcher	Aye
	Commr. Chase	Aye
	Commr. Courcy	Aye
	Commr. Kallay	Aye
	Commr. Warchol	Aye

The motion was approved unanimously.



MARCH 2021 WMGLD COMMISSIONER'S DASHBOARD

	Outages ( Elec )	
	SAIFI	CAIDI
Dec	0.56	56
Jan	0.55	51
Feb	0.57	57
Cal YTD	0.56	54

	FYTD WMGLD Generation - February		
	Salem St.	Battery	Total
RNS Benefit	\$ 436,690	\$ 199,687	\$ 636,377
Capacity Benefit	403,731	200,479	604,210
Debt Service	(425,205)	(164,311)	(589,516)
Net Benefit	\$ 415,216	\$ 235,855	\$ 651,071

	CYTD Pipe Replacement	
	Replaced	System Total
4"	2,174	176,283
6"	-	148,922
8"	-	80,955

CONSERVATION BUDGET	
YTD FY21 Conservation Fees Billed	\$ 93,004
YTD FY21 Paid out to Customers	\$ (148,697)
( Under ) / Over Collected	\$ (55,693)

	New Services on the System	
	Electric	Gas
Dec	2	1
Jan	1	-
Feb	1	-

PV Under Contract 310.625 kW  
PV In Service 223.080 kW  
Includes DOER rebate funding & WMGLD self-funded

Natural Gas Peak Usage	
Current Year Peak ( Nov '20 → May '21 )	1,118,751 CCF
Prior Year Peak ( Nov '19 → May '20 )	1,020,971 CCF
All-Time Peak - Jan '18	1,370,554 CCF

	Solar Generation 60 Customers	
	Generated	Back to WMGLD
CYTD	101,679	24,630
Comm'l	5,355,000	1,028,000
Res	1,301,417	685,487
Inception	6,656,417	1,713,487

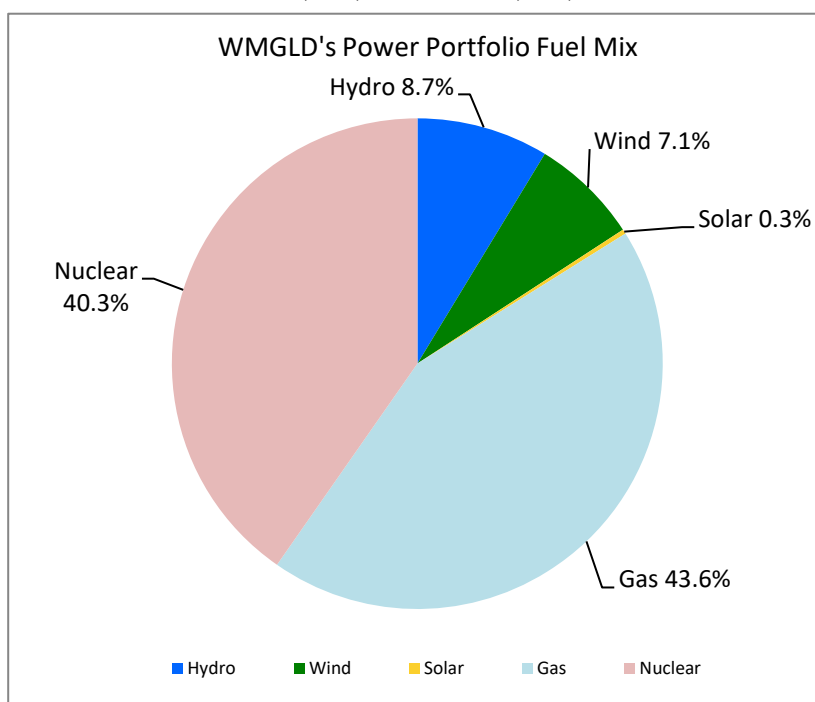
	FYTD Sales 8 Mos. → 2/28/21		
	Electric	Gas	Total
\$\$	\$18,530,538	\$6,284,248	\$ 24,814,786
kWh/CCF	113,274,392	3,781,384	

	Monthly & Annual Peaks	
	Prior Year	Current Year
Dec	28.6 Mw	27.9 Mw
Jan	27.0 Mw	28.0 Mw
Feb	27.3 Mw	25.2 Mw

Summer YTD Peak	
7/31/19	7/28/20
42.5 Mw	44.0 Mw

Winter YTD Peak	
12/17/19	1/29/21
28.6 Mw	28.0 Mw

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



Wakefield Municipal Gas & Light Department  
Customer Issues Log

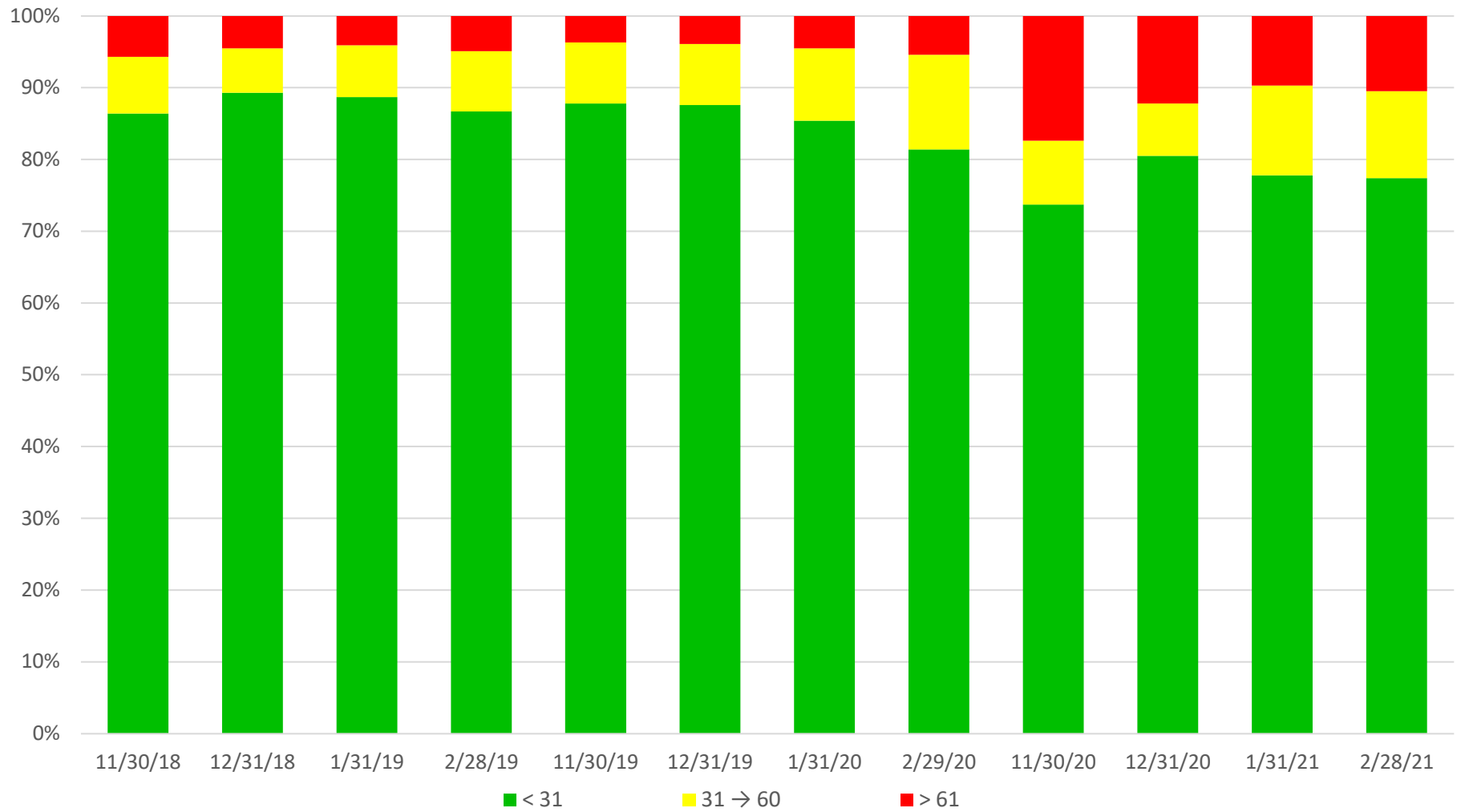
Date	Issue	Resolution
December 15, 2020	Question regarding answering service / office calls not being returned in a timely manner for a real estate agent / property sale / final bill	Realtor was given an office single point of contact.
August 24, 2020	Customer called indicating that during storm clean-up 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
3/16/20 to 5/1/20	Slow down in posting payments to customer accounts due to continued Century Bank LockBox processing delays	Currently in communications with Century Bank & have re-tooled to process additional payments in-house with clean environment
January 16, 2020	Customer claimed move out in November but did not notify WMGLD until January. Disputed Nov - Jan billings. Posted on social media	Discussed with customer the responsibility of timely notification of move out
November 5, 2019	Customer requested service termination on account in his name, not living at service location anymore due to divorce	Explained service termination process involving move in / move out and spousal rights & responsibilities as it relates to the customer of record
October 8, 2019	Collections & payment plan. Customer contacted the DPU regarding protection from service termination	Service was terminated on customer account due to non payment and non response

COMMISSIONER REQUESTS LOG	Requested By	Request Date	Completion Date	NOTES
Review net metering policy	JK	12/5/2018	1/9/2019	VZ
Add completion dates to this form	JW	12/5/2018	1/9/2019	
Remove identifying information on customer requests	JW	12/5/2018	1/9/2019	
Add solar to supply mix	JK	12/5/2018	1/9/2019	
Streetlight conversions to be added to Dashboard	JW	2/1/2018	2/26/2018	
Dashboard to reflect KWH demand	JW	2/1/2018	2/26/2018	
3 double poles on Nahant Street	KC	3/1/2018	3/2/2018	
Review Employee handbook	KH	3/1/2018	4/11/2018	
Subcommittee of JW and JK on survey development	JW	5/24/2018	6/20/2018	
Update Gas service Request List	KC/JK	5/24/2018	6/20/2018	
Berkshire Pro-Formas to Board	JW	3/1/2018	4/11/2018	
Access to be provided to website under construction	JK	6/20/2018	6/27/2018	
Minutes to webpage	JK	9/12/2018	9/19/2018	
Review Energy audit format	WT	11/1/2018	12/5/2018	
Progress made fixing gas leaks	JW	continuing		
Copy of Ngrid 345 KV contract	JK	2/13/2019	when available	
Share Strategic Planning dates with Town Administrator	JK	2/13/2019	2/14/2019	
Provide Board with size of solar projects	TB	6/5/2019	9/4/2019	

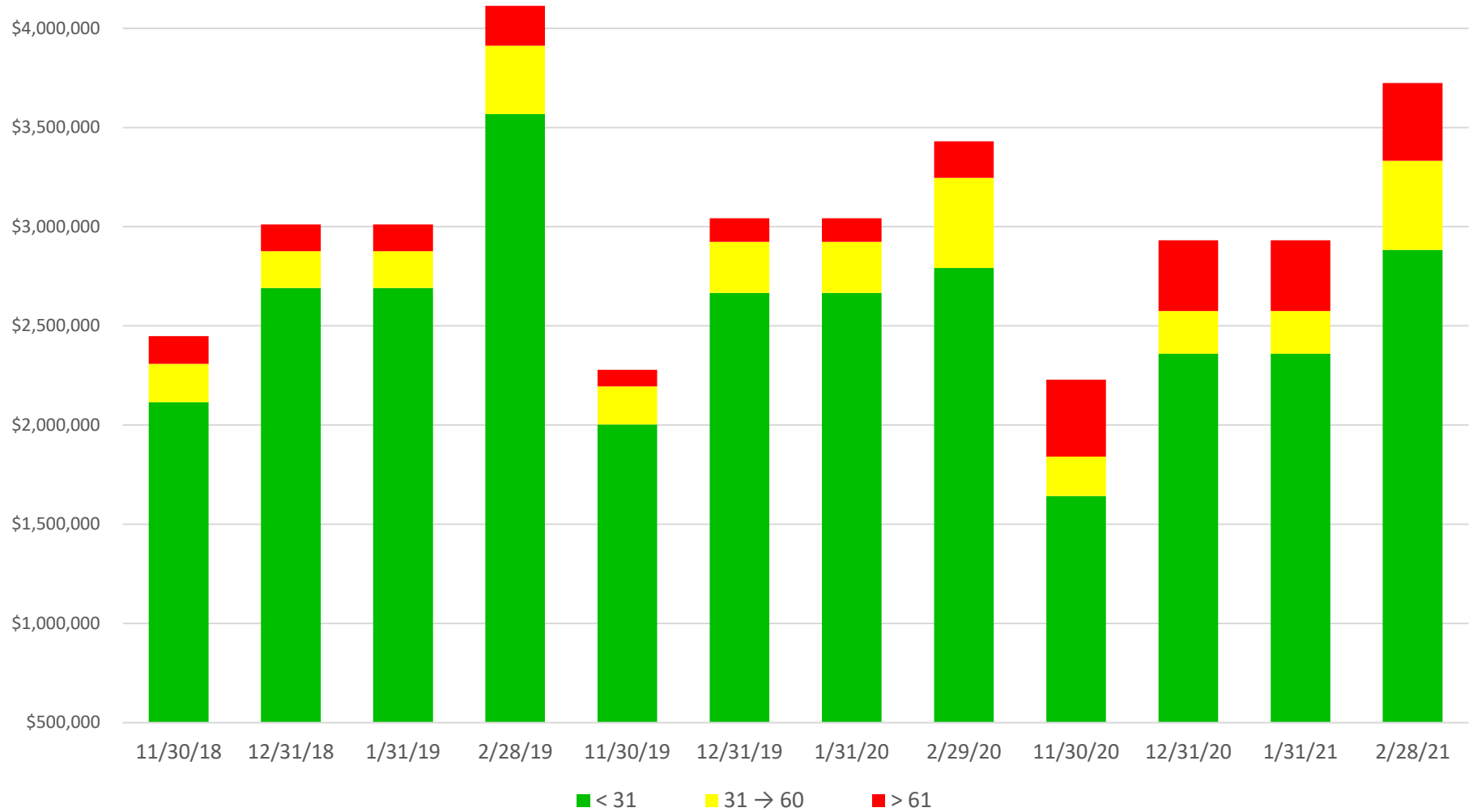
COMMISSIONER REQUESTS LOG	Requested By	Request Date	Completion Date	NOTES
Provide Board with additional information for EE proposal	JK, JW, TB	7/7/2019	9/4/2019	
Updates to EE proposal including rates hearing	JK, JW, TB	9/4/2019	10/2/2019	
Meet to discuss goal setting with Manager	JW - PC & KC	10/2/2019	10/15/2019	
Next year's goal setting meet with GM	PC & KC	11/13/2019	11/22/2019	
Provide pricing on Renewable Energy Credits = 15%	JK	11/13/2019	11/20/2019	
Provide detailed data on gas leaks	TB	11/13/2019	11/27/2019	
Provide information on data structures and fields in Customer Informtion System ( Cogsdale )	JK	12/4/2019	1/8/2020	
Rework solar consumption as presented on solar bills	TB	1/8/2020	1/31/2020	
Update Electric Vehicle Dashboard to include cost data	TB	5/6/2020	6/3/2020	
Revise 2020 General Manager Goals due to COVID-19	PC	6/3/2020	7/15/2020	
Mission statatement development	JK	7/15/2020	9/2/2020	
Rebates - Sense Rebate to Webform & Add WIFI Thermostats to Connected Homes Program	TB, JK	9/2/2020	10/7/2020	
Provide additional details on Customer Accounts Receivable / Collections	JW	12/2/2020	1/6/2021	
EV Charger - Year 1 summary data reporting	TB	2/3/2021	3/3/2021	
Earth Day Brochure	TB	3/12/2021	3/30/2021	



Receivables Aging - As of February 28, 2021



Receivables Aging - As of February 28, 2021



		RAW DATA - RECEIVABLES GRAPHS				RAW DATA - RECEIVABLES GRAPHS			
		11/30/20		12/31/20		1/31/21		2/28/21	
< 31		\$1,641,955	73.7%	\$2,359,318	80.5%	\$2,675,178	77.8%	\$2,882,545	77.4%
31 → 60		198,433	8.9%	214,933	7.3%	429,369	12.5%	449,901	12.1%
> 61		388,949	17.4%	357,115	12.2%	333,062	9.7%	391,210	10.5%
Total		\$2,229,337	<b>22.9</b>	\$2,931,366	<b>29.8</b>	\$3,437,609	<b>26.3</b>	\$3,723,656	<b>27.9</b>

		11/30/19		12/31/19		1/31/20		2/29/20	
< 31		\$2,002,204	87.8%	\$2,666,003	87.6%	\$2,701,115	85.4%	\$2,791,702	81.4%
31 → 60		193,084	8.5%	257,475	8.5%	320,144	10.1%	453,928	13.2%
> 61		83,460	3.7%	118,851	3.9%	141,767	4.5%	183,927	5.4%
Total		\$2,278,748	<b>21.3</b>	\$3,042,329	<b>28.1</b>	\$3,163,026	<b>23.4</b>	\$3,429,557	<b>25.4</b>

		11/30/18		12/31/18		1/31/19		2/28/19	
< 31		\$2,114,864	86.4%	\$2,690,440	89.3%	\$3,156,118	<b>88.7%</b>	\$3,567,807	<b>86.7%</b>
31 → 60		193,806	7.9%	186,320	6.2%	256,792	7.2%	343,765	8.4%
> 61		139,289	5.7%	134,367	4.5%	147,726	4.1%	201,025	4.9%
Total		\$2,447,959	<b>21.7</b>	\$3,011,127	<b>26.5</b>	\$3,560,636	<b>24.7</b>	\$4,112,597	<b>27.6</b>

Notes: Gross Receivables from customer accounts are aged at month-end.  
At 2/28/21, the >61 day balance of \$391,210 was analyzed in detail - results include 195 unique accounts which make up \$296,465 of the \$391,210 balance with >61 day account balances ranging from \$15,776 to \$500  
DSO Ratio is also presented in **RED**

		REVENUES	REVENUES	REVENUES	REVENUES	REVENUES	REVENUES
		11/30/20	12/31/20	1/31/21	2/28/21		
ELECTRIC		1,867,315	2,081,417	2,278,999	2,265,616		
GAS		654,714	1,146,741	1,643,351	1,814,844		
TOTAL		\$2,522,029	\$3,228,158	\$3,922,350	\$4,080,460		

		11/30/19	12/31/19	1/31/20	2/29/20		
ELECTRIC		1,998,241	2,162,098	2,386,420	2,386,516		
GAS		728,498	1,424,227	1,666,969	1,665,426		
TOTAL		\$2,726,739	\$3,586,325	\$4,053,389	\$4,051,942		

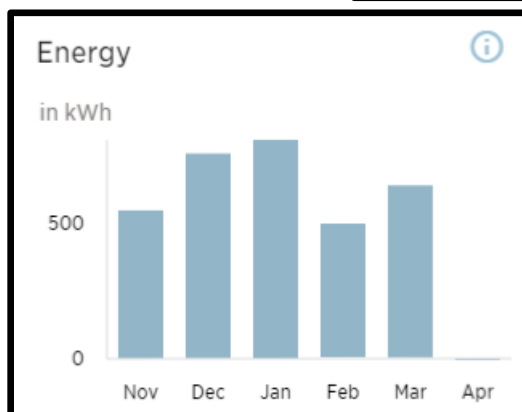
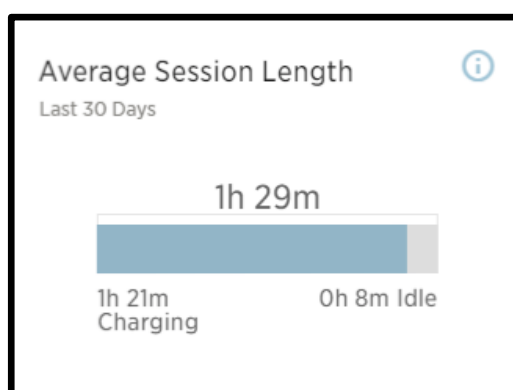
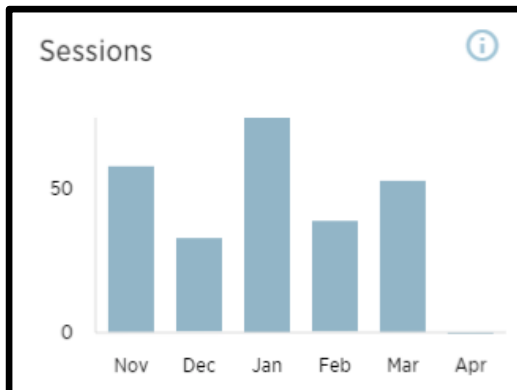
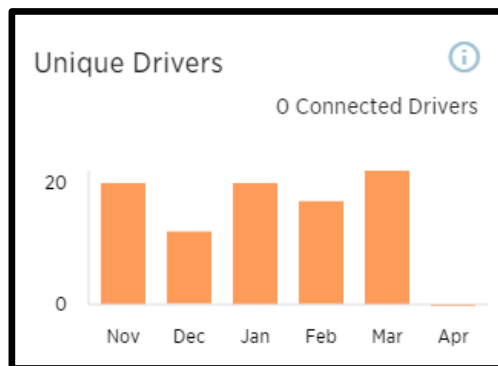
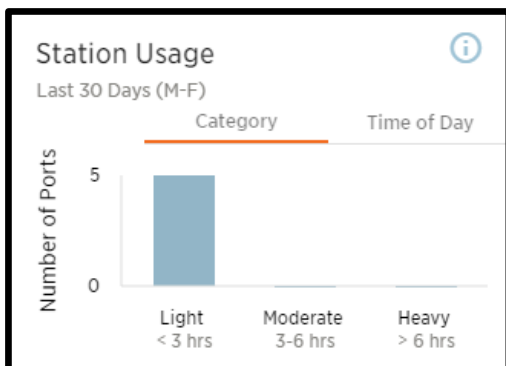
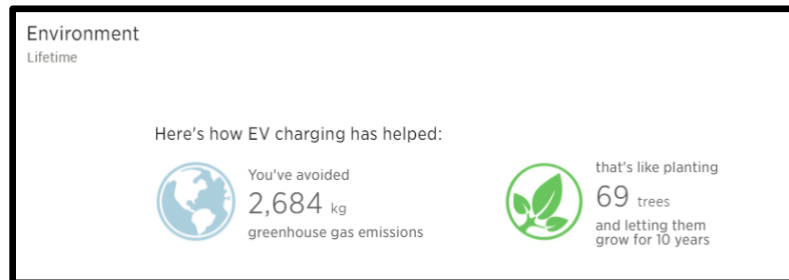
  

		11/30/18	12/31/18	1/31/19	2/28/19		
ELECTRIC		2,132,876	2,354,015	2,580,869	2,585,439		
GAS		792,239	1,371,370	1,738,574	2,048,298		
TOTAL		\$2,925,115	\$3,725,385	\$4,319,443	\$4,633,737		

# Electric Vehicle Public Charging Stations

## Dashboard – 2/26/2021

EV Charging Stations				
Utility Billing and Town Revenue				
Mar-21				
Locations	Utility Billing	KWh	Town Revenue From Charge Point	KWh
Vets Field	\$48.95	253	\$44.51	247
Civic Center	\$11.05	68	\$12.23	68
Public Parking Lot	\$75.50	409	\$72.15	321
<b>Totals</b>	<b>\$135.50</b>	<b>730</b>	<b>\$128.89</b>	<b>635</b>



## **General Manager's Report**

The following is the General Managers Report for April 2021

### **Engineering and Operations Report**

**Major New Customer projects** (1,035 new residential housing units in development)

**Harvard Mills** – convert portion of building to 190 apartments – Project under construction  
Convert building from 4kv ckt 397-03 to 13.8kv ckt 0005 (customer cost). Ductbank and switch installed, customer working on transformer foundation and mainline cable installed.  
**Transformer installed on 12/15/2020 – waiting on customer to finalize easement agreement before we energize.**

**Water St. at Delcarmine** - New 23 unit building residential - **Working on the foundation**

**581-583 Salem St.** – New 19 unit apartment build – **Permitting Phase**

**525-527 Salem St** – New 22 unit building – **Permitting Phase**

**404 Lowell St.** – 8 Residential units – **Permitting Phase**

**610 Salem St** – 20 Residential units – **Permitting Phase**

**Foundry Street phase 2** – 58 unit condo complex and commercial space – **Permitting Phase**

**Hopkins Street @ Tarrant Lane** - Project approved by the town 173 apartments 4 buildings proposed – **Planning and Permitting**

**200 Quannapowitt** – 485 Apartments / 4-5 buildings / parking garage – **Permitting and Planning Phase**

**127 Nahant St.** – 26 Residential units proposed – **Planning stage**

**1000 Main Street** – 30 Residential units proposed – **Planning stage**

### **Gas Department**

- The main, services and tie overs on Forrester, Drury, Brewster and Beebe were completed on April 6.

- Installation of dead main is underway on Vernon St, Cedar St, Emerson St and associated cross streets. Dead main installation will be completed by May 1 and service and tie over work will continue throughout the year.
- Work on tie overs on Lowell St working toward Vernon St will begin in late April and continue into the Summer including the replacement of the regulator station on Lowell St.
- 257 meters have been replaced so far this year with a target of 1041 for the year.
- There are currently 2181 inside gas services and 2930 outside services. 52 services have been moved outside this year.
- Leaks    Class 1 – 0\*    Class 2 – 4    Class 3 –69

\*(3- Class 1 Leaks this month)

### **Financial Reports**

Monthly Financials through January and Consumption Reports through February are enclosed.

## Project Updates

### COVID 19

The department has been closed to public access since March 18 and will reopen to public access with COVID restrictions on May 3<sup>rd</sup> which will march when 36 of our current 45 employees who have wanted vaccinations will have completed both their doses and the two week waiting period following the second dose. Customer service personnel have continued to work in a hybrid model and with increased presence in the office of the next several weeks. Gas and Electric crews have been separated in to groups with focused on responding to emergencies and we are expanding the amount of planned work they are able to complete based on DPU guidelines. Workers that are exposed to someone who has tested positive or have flown are being quarantined for up to two weeks if they have not been vaccinated. Employees that have been vaccinated are just required to have a negative test upon return from travel.

### NGrid 345kv Project Update NGRID

- Work in the public ways resumed on March 8, 2021
- United Civil – currently working at the Broadway and RT 128 job sites. The goal is to complete the duct bank this construction season.
- Eversource is also working on manholes and duct bank construction in Woburn and Stoneham.
- Note: MH-16 to 17 (United Civil trenching 200ft +/- from MH-17 to the Wakefield/Stoneham border) may occur in the April/May timeframe. United Civil and McCourt (Eversource contractor) will coordinate the construction and will provide 3 weeks advance notice.
- Approx. 67 percent of the total duct bank route in Wakefield is complete.
- MBTA Crossing
  - Town of Wakefield is awaiting decision(s) by Federal Railroad Administration (FRA)

### McGrail Substation Upgrades

All new switchgear and (2) 3750kva transformers were energized on 9/30/2020. 4Kv cutovers completed as the end of 2020;

- Circuits 6 & 9 cutover to new equipment – **COMPLETE**
- Circuit 11 load cutover to 126-W27 – **COMPLETE**

- Circuit 4 load cutover to the new equipment – **COMPLETE**
- Circuit 3 load cutover to the new equipment – **COMPLETE**
- Circuits 3 and 4 tie – **COMPLETE**
- Old 4 KV switchgear de-energized – **COMPLETE**
- Old Transformers “F” and “H” de-energized and disconnected on both the 13.8kv and 4kv sides, also oil drained from both units. These transformers were 65-70 years old, equipment liability eliminated. - **COMPLETE**
- 13.8Kv Cutovers scheduled in 2021 Lines 1386 (**complete**), 1301 (**complete**), 1302 (**complete**) 126-W27 / 1718 (**complete**) & 1920 / 0005 **work in progress with estimated completion 4/9**
- **Milestones** – all old outdoor 13.8kv equipment has been de-energized and all indoor 4kv and 13.8kv equipment has been de-energized

#### **4kv to 13.8kv conversions –**

- Converting portions of ckt 9 on Water to ckt 443-W32 – in progress
- West Water St, Richardson and Foster St area – Preparing to convert from 4kv 397-02 to 13.8kv - 1302 / 0005 in Progress Verizon setting poles
- 397-04 Ballister St area convert to 1302/0005 – ordering material.
- 397-03 Lake St. and Maple to 0005 - in progress

#### **Legislative Update**

The Climate Bill passed at the end of the session in January was vetoed by the Governor citing concerns with certain portions of the Bill. The Bill was resubmitted and passed by both the House and Senate and was returned to the Governor’s desk. Governor Baker signed the Bill on March 26<sup>th</sup>. The MLP language for our Bill remained intact and we now have the framework for moving forward toward Net Zero.

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



**Board of Commissioners  
April 7, 2021  
Agenda Item No. D-2**

**Upcoming Board Reorganization**

The Board typically reorganizes following the election in April. There will be a brief discussion of next steps.

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

**Board of Commissioners  
April 7, 2021  
Agenda Item No. E-1**

**Envision Wakefield Downtown Projects**

Wakefield has received a grant to upgrade Albion St. Chair Courcy and the General Manager have been discussing lighting options for Albion St and potentially continuing through the North Ave intersection to the Foundry St area.

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

**Executive Session**

Collective Bargaining Discussion

# **APPENDICIES**

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

	1/31/2020	1/31/2021
<b>ASSETS</b>		
Sinking Fund - Self Insurance	\$ 178,895.11	\$ 179,897.83
Depreciation Fund	182,718.64	182,856.10
Consumer Deposits	871,749.52	879,441.98
<b>Total Investments</b>	<b><u>1,233,363.27</u></b>	<b><u>1,242,195.91</u></b>
Operating Cash	12,613,536.78	12,860,093.39
Depreciation Fund	2,719.88	2,722.17
Consumer Deposits	345,530.18	304,569.91
Petty Cash	525.00	525.00
<b>Total Cash</b>	<b><u>12,962,311.84</u></b>	<b><u>13,167,910.47</u></b>
Accounts Receivable-Rates	3,358,122.64	3,677,584.84
Accounts Receivable-Other	2,292,817.93	2,051,697.20
Inventory	472,849.60	720,982.68
Prepayments Miscellaneous	1,147,642.04	1,128,975.64
Prepayments Power	3,689,777.52	3,683,939.91
Other Deferred Debits	1,109,604.91	1,120,649.96
<b>Total Other Assets</b>	<b><u>12,070,814.64</u></b>	<b><u>12,383,830.23</u></b>
<b>Total Current Assets</b>	<b>26,266,489.75</b>	<b>26,793,936.61</b>
Distribution Plant	20,780,239.22	19,785,042.83
General Plant	1,460,540.00	1,522,051.50
<b>Net Fixed Assets</b>	<b><u>22,240,779.22</u></b>	<b><u>21,307,094.33</u></b>
<b>Total Assets</b>	<b><u>\$ 48,507,268.97</u></b>	<b><u>\$ 48,101,030.94</u></b>
<b>LIABILITIES AND EQUITY</b>		
Accounts Payable	\$ 41,823.70	\$ 69,488.59
Consumer Deposits	1,217,279.70	1,184,011.89
Other Accrued Liabilities	(157.93)	373.04
Reserve for Uncollectable Accounts	108,563.84	218,397.21
<b>Total Current Liabilities</b>	<b><u>1,367,509.31</u></b>	<b><u>1,472,270.73</u></b>
Compensated Absences	460,003.07	467,256.96
MMWEC Pooled Loan Debt	14,865,203.61	12,742,308.66
OPEB Liability	1,915,566.25	1,936,702.25
Pension Liability	7,948,500.00	7,743,000.00
<b>Total Long Term Liabilities</b>	<b><u>25,189,272.93</u></b>	<b><u>22,889,267.87</u></b>
<b>Total Liabilities</b>	<b>26,556,782.24</b>	<b>24,361,538.60</b>
Retained Earnings	8,619,962.70	10,396,846.32
Year to Date Income	2,193,903.88	1,405,353.15
Sinking Fund Reserve-Self Ins	178,895.11	179,897.83
Contribution in Aid of Construction	3,705,337.66	3,705,337.66
Investment in Fixed Assets	7,252,387.38	8,052,057.38
<b>Total Equity</b>	<b><u>21,950,486.73</u></b>	<b><u>23,739,492.34</u></b>
<b>Total Liabilities and Equity</b>	<b><u>\$ 48,507,268.97</u></b>	<b><u>\$ 48,101,030.94</u></b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Electric Fund**  
**For the Seven Months Ending, January 31, 2021**

	CURRENT MONTH		YEAR TO DATE	
	FY 2020	FY 2021	FY 2020	FY 2021
<b>Energy Revenue (Net of Discounts)</b>				
Residential Sales	\$ 1,159,392.40	\$ 1,217,611.27	\$ 7,884,629.77	\$ 8,499,438.76
Commercial Sales	1,106,493.99	963,066.18	7,540,302.73	6,615,152.33
Street Lighting	15,678.00	15,678.00	109,741.00	109,741.00
Municipal Sales	97,362.19	90,927.15	679,255.03	626,567.82
Private Area Lighting	7,493.00	7,394.20	52,426.07	51,609.83
<b>Total Energy Revenue</b>	<b>2,386,419.58</b>	<b>2,294,676.80</b>	<b>16,266,354.60</b>	<b>15,902,509.74</b>
<b>Other Revenues</b>				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	1,021.76	445.13	8,786.02	3,547.68
Interest Income-Depreciation Fund	12.10	11.76	83.93	81.57
Interest Income-Self Ins Sinking Fund	278.47	26.00	2,215.37	248.13
Interest Income-MMWEC	472.42	(83.57)	17,904.10	8,453.50
Income from Merchandise & Jobbing	124,533.66	(50,184.87)	(31,003.94)	(157,927.16)
Other Revenues	57.85	(3,935.20)	(132.16)	(5,331.04)
Sales Tax	59,097.66	51,098.46	405,915.34	364,416.63
Conservation Charge	9,594.05	17,019.81	32,879.77	76,525.46
Reconnect Fees	50.00	250.00	4,275.00	700.00
Comcast & RCN Pole Fees	16,718.41	-	16,718.41	86,479.90
Insurance Reimbursements	-	-	5,605.18	-
Other Electric Revenue	640.75	(129.15)	3,330.12	1,032.91
<b>Total Other Revenue</b>	<b>212,477.13</b>	<b>14,518.37</b>	<b>466,577.14</b>	<b>378,227.58</b>
<b>Total Revenue</b>	<b>2,598,896.71</b>	<b>2,309,195.17</b>	<b>16,732,931.74</b>	<b>16,280,737.32</b>
				0.0278
<b>Power Costs</b>				
Purchased Power	(1,221,197.90)	(1,224,600.53)	(8,734,413.69)	(8,238,012.11)
Power Expense Generation	(10,944.44)	(9,656.48)	(79,157.91)	(69,871.07)
Power Expense Battery	(8,298.43)	(6,866.80)	(60,951.78)	(48,830.35)
<b>Total Power Costs</b>	<b>(1,240,440.77)</b>	<b>(1,241,123.81)</b>	<b>(8,874,523.38)</b>	<b>(8,356,713.53)</b>
<b>Gross Profit</b>	<b>\$ 1,358,455.94</b>	<b>\$ 1,068,071.36</b>	<b>\$ 7,858,408.36</b>	<b>\$ 7,924,023.79</b>
<b>Operating Expenses</b>				
<b>Miscellaneous Operating Expenses</b>				
Depreciation Expense	(240,435.59)	(240,062.49)	(1,565,384.20)	(1,682,675.71)
Sales Tax	(115,081.29)	(51,098.46)	(405,915.34)	(364,416.63)
Interest Expense-Consumer Deposits	151.60	(373.91)	(22,472.29)	(12,445.81)
Interest Expense-MMWEC	(24,569.00)	(19,916.35)	(161,751.51)	(148,537.85)
<b>Total Misc Operating Expenses</b>	<b>(379,934.28)</b>	<b>(311,451.21)</b>	<b>(2,155,523.34)</b>	<b>(2,208,076.00)</b>
<b>Distribution Expenses</b>				
Operations Supervision and Engineering	(27,960.14)	(17,109.52)	(138,244.12)	(117,401.67)
Operations Labor	(1,470.06)	(6,804.90)	(4,771.66)	7,119.74
Substation Salaries and Expense	(41,957.45)	(55,396.01)	(304,994.52)	(356,127.12)
Customer Installation Expenses	(436.35)	(69.44)	(2,346.29)	(20,501.59)
Miscellaneous Distribution Expenses	(56,056.09)	(47,521.76)	(425,429.46)	(380,023.85)
<b>Total Distribution Expenses</b>	<b>(127,880.09)</b>	<b>(126,901.63)</b>	<b>(875,786.05)</b>	<b>(866,934.49)</b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Electric Fund**  
**For the Seven Months Ending, January 31, 2021**

	CURRENT MONTH		YEAR TO DATE	
	FY 2020	FY 2021	FY 2020	FY 2021
<b>Maintenance Expenses</b>				
Maintenance Supervision and Engineering	(19,032.56)	(17,840.29)	(117,040.90)	(128,837.03)
Maintenance of Station Equipment	-	-	(367.95)	(1,534.84)
Maintenance of Other Equipment	-	-	(6,580.04)	(3,877.02)
Maintenance of Overhead Lines	(34,854.00)	(34,197.99)	(270,271.37)	(358,524.38)
Maintenance of Underground Lines	(3,809.54)	-	(9,897.89)	(8,081.63)
Maintenance of Line Transformers	-	-	(877.50)	-
Maintenance of Street Lighting	(154.99)	-	(23,614.30)	(201.25)
Maintenance of Meters	(436.35)	(69.44)	(35,059.49)	996.41
Maintenance of Misc Distribution Plant	(5,792.94)	(3,540.80)	(37,154.36)	(30,015.67)
<b>Total Maintenance Expenses</b>	<b>(64,080.38)</b>	<b>(55,648.52)</b>	<b>(500,863.80)</b>	<b>(530,075.41)</b>
<b>Customer Account Expense</b>				
Meter Reading Expense	(3,725.93)	(3,465.36)	(24,978.75)	(49,898.28)
Customer Records & Collection Exp	(62,450.08)	(78,862.19)	(428,426.07)	(422,759.25)
<b>Total Customer Account Exp</b>	<b>(66,176.01)</b>	<b>(82,327.55)</b>	<b>(453,404.82)</b>	<b>(472,657.53)</b>
<b>Administrative and General Expenses</b>				
Community Relations & Advertising	(60,713.88)	(7,899.72)	(105,349.50)	(31,258.30)
Administrative Salaries and Expense	(17,774.55)	(23,425.74)	(130,814.59)	(121,672.08)
Business Mgr and Accting Salaries and Exp	(11,466.35)	(23,661.24)	(87,789.37)	(111,757.93)
MIS Salaries and Expense	(9,868.20)	(1,565.25)	(175,813.54)	(109,596.33)
Outside Services	-	-	(15,000.00)	(16,125.00)
Conservation & Rebates	(14,547.81)	(26,852.45)	(93,187.87)	(142,340.20)
Property Insurance	(4,740.25)	(5,375.08)	(33,181.75)	(37,625.60)
Injuries and Damages	(6,065.50)	(5,320.11)	(40,109.25)	(33,072.65)
Employee Pensions and Benefits	(142,790.31)	(146,500.49)	(982,836.44)	(1,016,279.41)
Miscellaneous General Expenses	(22,289.44)	(19,720.54)	(59,725.56)	(58,175.16)
Maintenance of General Plant	(13,982.79)	(7,553.15)	(77,402.14)	(77,932.21)
<b>Total Admin &amp; General Expenses</b>	<b>(304,239.08)</b>	<b>(267,873.77)</b>	<b>(1,801,210.01)</b>	<b>(1,755,834.87)</b>
<b>Net Income (Loss) Before Surplus</b>				
<b>Adjustments</b>	<b>\$ 416,146.10</b>	<b>\$ 223,868.68</b>	<b>\$ 2,071,620.34</b>	<b>\$ 2,090,445.49</b>
<b>Surplus Adjustments</b>				
<b>Additions</b>				
Sale of Scrap	-	7,119.45	7,028.74	24,138.15
MMWEC Refund	-	-	534,347.98	46,343.35
<b>Total Additions to Surplus</b>	<b>-</b>	<b>7,119.45</b>	<b>541,376.72</b>	<b>70,481.50</b>
<b>Subtractions</b>				
Interest on Sinking Fund	278.47	26.00	2,215.37	248.13
Payment in Lieu of Taxes	56,532.00	57,380.00	395,724.00	401,660.00
Plant Removal Costs	-	-	21,153.81	353,665.71
<b>Total Subtractions from Surplus</b>	<b>56,810.47</b>	<b>57,406.00</b>	<b>419,093.18</b>	<b>755,573.84</b>
<b>Net Income (Loss)</b>	<b>\$ 359,335.63</b>	<b>\$ 173,582.13</b>	<b>\$ 2,193,903.88</b>	<b>\$ 1,405,353.15</b>

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

	1/31/2020	1/31/2021
<b>ASSETS</b>		
Sinking Fund - Self Insurance	\$ 178,895.10	\$ 179,897.83
Consumer Deposits	95,730.01	96,584.76
<b>Total Investments</b>	<b>274,625.11</b>	<b>276,482.59</b>
Operating Cash	(15,719,698.85)	(15,448,955.51)
Consumer Deposits	188,487.58	199,224.92
Petty Cash	175.00	175.00
<b>Total Cash</b>	<b>(15,531,036.27)</b>	<b>(15,249,555.59)</b>
Accounts Receivable-Rates	1,451,283.38	1,534,098.01
Accounts Receivable-Other	133,341.36	-
Inventory	528,885.66	476,781.00
Prepayments Miscellaneous	164,416.62	170,429.75
Other Deferred Debits	428,315.69	375,712.16
<b>Total Other Assets</b>	<b>2,706,242.71</b>	<b>2,557,020.92</b>
<b>Total Current Assets</b>	<b>(12,550,168.45)</b>	<b>(12,416,052.08)</b>
Distribution Plant	22,910,199.76	23,791,565.51
General Plant	520,656.04	468,520.23
<b>Net Fixed Assets</b>	<b>23,430,855.80</b>	<b>24,260,085.74</b>
<b>Total Assets</b>	<b>\$ 10,880,687.35</b>	<b>\$ 11,844,033.66</b>
<b>LIABILITIES AND EQUITY</b>		
Accounts Payable	\$ (7,191.12)	\$ 793,330.70
Consumer Deposits	284,217.59	295,809.68
Other Accrued Liabilities	2,718.04	93.24
Reserve for Uncollectable Accounts	108,563.83	218,397.21
<b>Total Current Liabilities</b>	<b>388,308.34</b>	<b>1,307,630.83</b>
Compensated Absences	235,784.91	267,026.80
OPEB Liability	537,034.75	544,080.75
Pension Liability	2,649,500.00	2,581,000.00
<b>Total Long Term Liabilities</b>	<b>3,422,319.66</b>	<b>3,392,107.55</b>
<b>Total Liabilities</b>	<b>3,810,628.00</b>	<b>4,699,738.38</b>
Retained Earnings	(15,599,805.12)	(16,102,248.00)
Year to Date Income ( Loss )	(440,335.30)	(699,376.22)
Sinking Fund Reserve-Self Ins	178,895.10	179,897.83
Contribution in Aid of Construction	13,600.00	13,600.00
Investment in Fixed Assets	22,917,704.67	23,752,421.67
<b>Total Equity</b>	<b>7,070,059.35</b>	<b>7,144,295.28</b>
<b>Total Liabilities and Equity</b>	<b>\$ 10,880,687.35</b>	<b>\$ 11,844,033.66</b>

**Wakefield Municipal Gas and Light Department**  
**Income Statement - Gas Fund**  
**For the Seven Months Ending, January 31, 2021**

	CURRENT MONTH		YEAR TO DATE	
	FY 2020	FY 2021	FY 2020	FY 2021
<b>Energy Revenue (Net of Discounts)</b>				
Residential Sales	\$1,168,683.09	\$1,153,602.09	\$3,401,603.00	\$3,100,213.43
Commercial Sales	359,068.30	354,347.64	1,041,054.99	919,442.88
Municipal Sales	139,218.06	135,401.55	361,169.85	346,484.75
<b>Total Energy Revenue</b>	<b>1,666,969.45</b>	<b>1,643,351.28</b>	<b>4,803,827.84</b>	<b>4,366,141.06</b>
<b>Other Revenues</b>				
Unbilled Revenue	-	-	-	-
Interest Income-Consumer Deposits	113.53	49.46	976.25	394.22
Interest Income-Self Ins Sinking Fund	278.47	26.01	2,215.36	248.12
Income from Merchandise & Jobbing	71,421.16	916.78	(197,222.33)	41,925.45
Special Gas Charges	651.50	589.79	3,539.12	1,894.00
Sales Tax	16,616.27	16,847.46	48,629.27	44,432.43
Reconnect Fees	50.00	50.00	50.00	50.00
Insurance Reimbursements	-	-	-	-
Other Gas Revenue	5,196.85	74.03	19,709.08	14,394.01
<b>Total Other Revenue</b>	<b>94,327.78</b>	<b>18,553.53</b>	<b>(122,103.25)</b>	<b>103,338.23</b>
<b>Total Revenue</b>	<b>1,761,297.23</b>	<b>1,661,904.81</b>	<b>4,681,724.59</b>	<b>4,469,479.29</b>
<b>Gas Purchased</b>	<b>(798,057.55)</b>	<b>(865,127.30)</b>	<b>(2,782,709.98)</b>	<b>(2,439,124.88)</b>
<b>Gross Profit</b>	<b>\$ 963,239.68</b>	<b>\$ 796,777.51</b>	<b>\$ 1,899,014.61</b>	<b>\$ 2,030,354.41</b>
<b>Operating Expenses</b>				
<b>Miscellaneous Operating Expenses</b>				
Depreciation Expense	(156,760.47)	(163,872.56)	(847,778.39)	(1,104,435.00)
Sales Tax	(30,577.27)	(16,847.46)	(48,629.27)	(44,432.43)
Interest Expense-Consumer Deposits	(2,720.41)	(93.48)	(5,618.07)	(3,111.45)
Interest Expense-MMWEC	-	-	(2,925.80)	-
<b>Total Misc Operating Expenses</b>	<b>(190,058.15)</b>	<b>(180,813.50)</b>	<b>(904,951.53)</b>	<b>(1,151,978.88)</b>
<b>Distribution Expenses</b>				
Operations Supervision and Engineering	(16,024.51)	(17,081.52)	(100,817.65)	(120,449.11)
Station Labor and Expenses	(22,755.63)	(14,255.13)	(125,548.26)	(104,691.58)
Mains and Service	(22,290.15)	(16,711.94)	(26,259.68)	(40,841.34)
Customer Installation Expenses	(22,737.66)	(17,204.13)	(114,290.13)	(75,951.96)
Miscellaneous Plant Expenses	(12,464.70)	(1,529.29)	(75,724.26)	(60,465.45)
<b>Total Distribution Expenses</b>	<b>(96,272.65)</b>	<b>(66,782.01)</b>	<b>(442,639.98)</b>	<b>(402,399.44)</b>
<b>Maintenance Expenses</b>				
Maintenance of Mains	(40,328.94)	(37,599.49)	(163,011.61)	(189,676.12)
Maintenance of Meters and House Regulators	-	-	(9,857.43)	(6,973.21)
Maintenance of Other Equipment	(877.41)	(846.97)	(12,831.60)	(19,039.38)
<b>Total Maintenance Expenses</b>	<b>(41,206.35)</b>	<b>(38,446.46)</b>	<b>(185,700.64)</b>	<b>(215,688.71)</b>
<b>Customer Account Expense</b>				
Meter Reading Expense	(1,241.98)	(1,155.12)	(8,326.28)	(16,632.75)
Customer Record and Collection Expenses	(22,875.01)	(24,007.05)	(156,336.06)	(150,856.77)
<b>Total Customer Account Expenses</b>	<b>(24,116.99)</b>	<b>(25,162.17)</b>	<b>(164,662.34)</b>	<b>(167,489.52)</b>

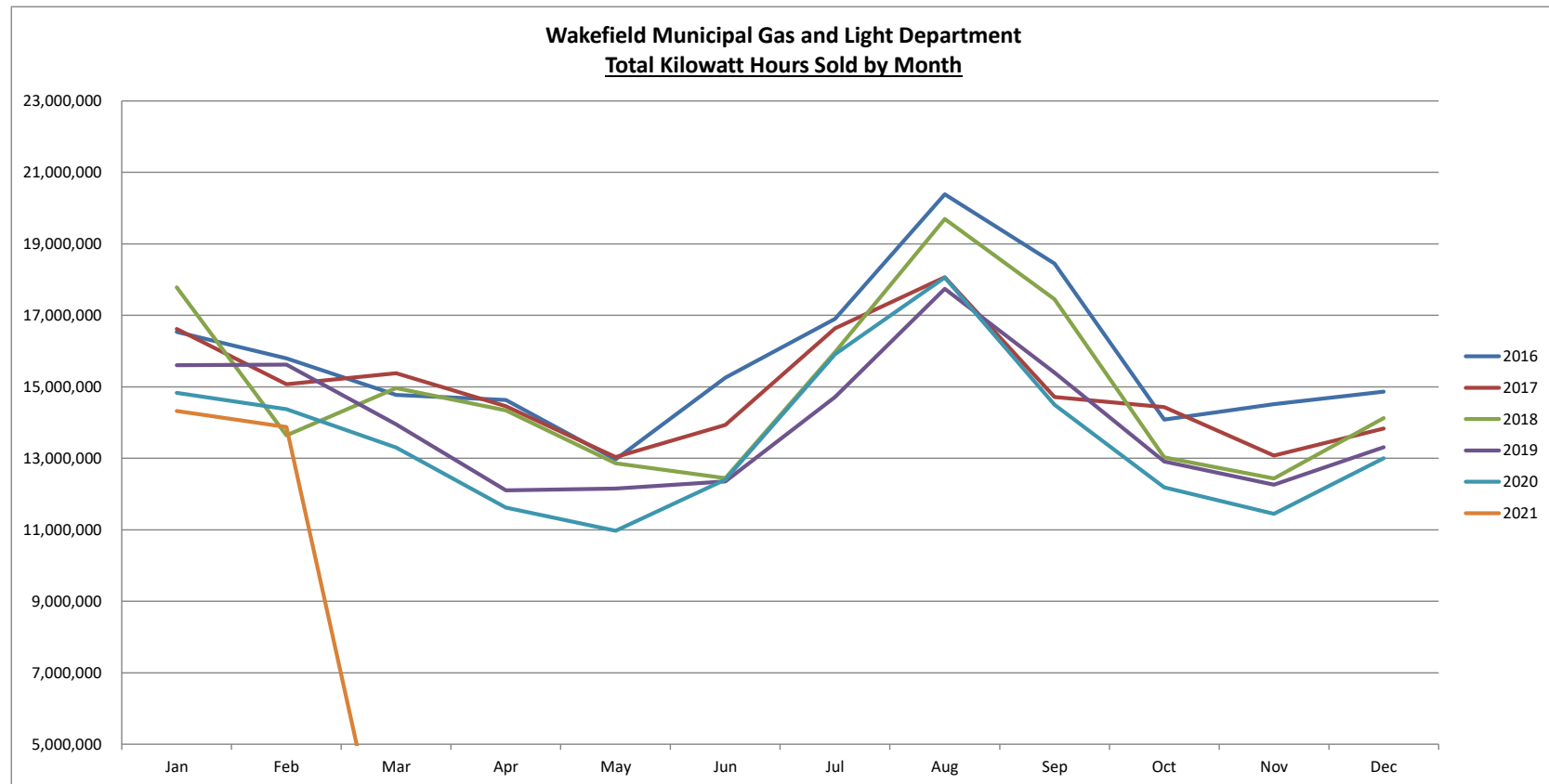
**Wakefield Municipal Gas and Light Department**  
**Income Statement - Gas Fund**  
**For the Seven Months Ending, January 31, 2021**

	CURRENT MONTH		YEAR TO DATE	
	FY 2020	FY 2021	FY 2020	FY 2021
<b>Administrative and General Expenses</b>				
Advertising	-	-	(2,451.11)	(5,524.56)
Administrative Salaries and Expense	(5,724.85)	(7,608.58)	(53,174.92)	(39,157.33)
Business Mgr and Accting Salaries and Exp	(3,036.19)	(6,261.44)	(25,570.20)	(36,551.28)
MIS Salaries and Expense	(3,289.39)	(521.75)	(58,604.46)	(36,532.11)
Outside Services	-	(2,737.50)	(13,408.55)	(9,712.50)
Property Insurance	(300.67)	(329.08)	(2,104.65)	(2,303.60)
Injuries and Damages	(1,767.34)	(821.80)	(8,133.30)	(9,079.92)
Employee Pensions and Benefits	(40,671.61)	(43,290.77)	(247,543.15)	(276,360.29)
Miscellaneous General Expenses	(1,090.46)	(9,722.03)	(21,283.66)	(22,416.51)
Maintenance of General Plant	(5,683.18)	(1,803.25)	(29,467.83)	(13,496.58)
<b>Total Admin &amp; General Expenses</b>	<b>(61,563.69)</b>	<b>(73,096.20)</b>	<b>(461,741.83)</b>	<b>(451,134.68)</b>
<b>Net Income (Loss) Before Surplus Adjustments</b>	<b>\$550,021.85</b>	<b>\$412,477.17</b>	<b>(\$260,681.71)</b>	<b>(\$358,336.82)</b>
<b>Surplus Adjustments</b>				
<b>Additions</b>	-	-	-	-
<b>Subtractions</b>				
Interest on sinking fund investment	278.47	26.01	2,215.36	248.12
Payment in Lieu of Taxes	18,844.00	19,126.67	131,908.00	133,886.65
Plant Removal Costs	-	-	45,530.23	206,904.63
<b>Total Subtractions from Surplus</b>	<b>19,122.47</b>	<b>19,152.68</b>	<b>179,653.59</b>	<b>341,039.40</b>
<b>Net Income (Loss)</b>	<b>\$530,899.38</b>	<b>\$393,324.49</b>	<b>(\$440,335.30)</b>	<b>(\$699,376.22)</b>



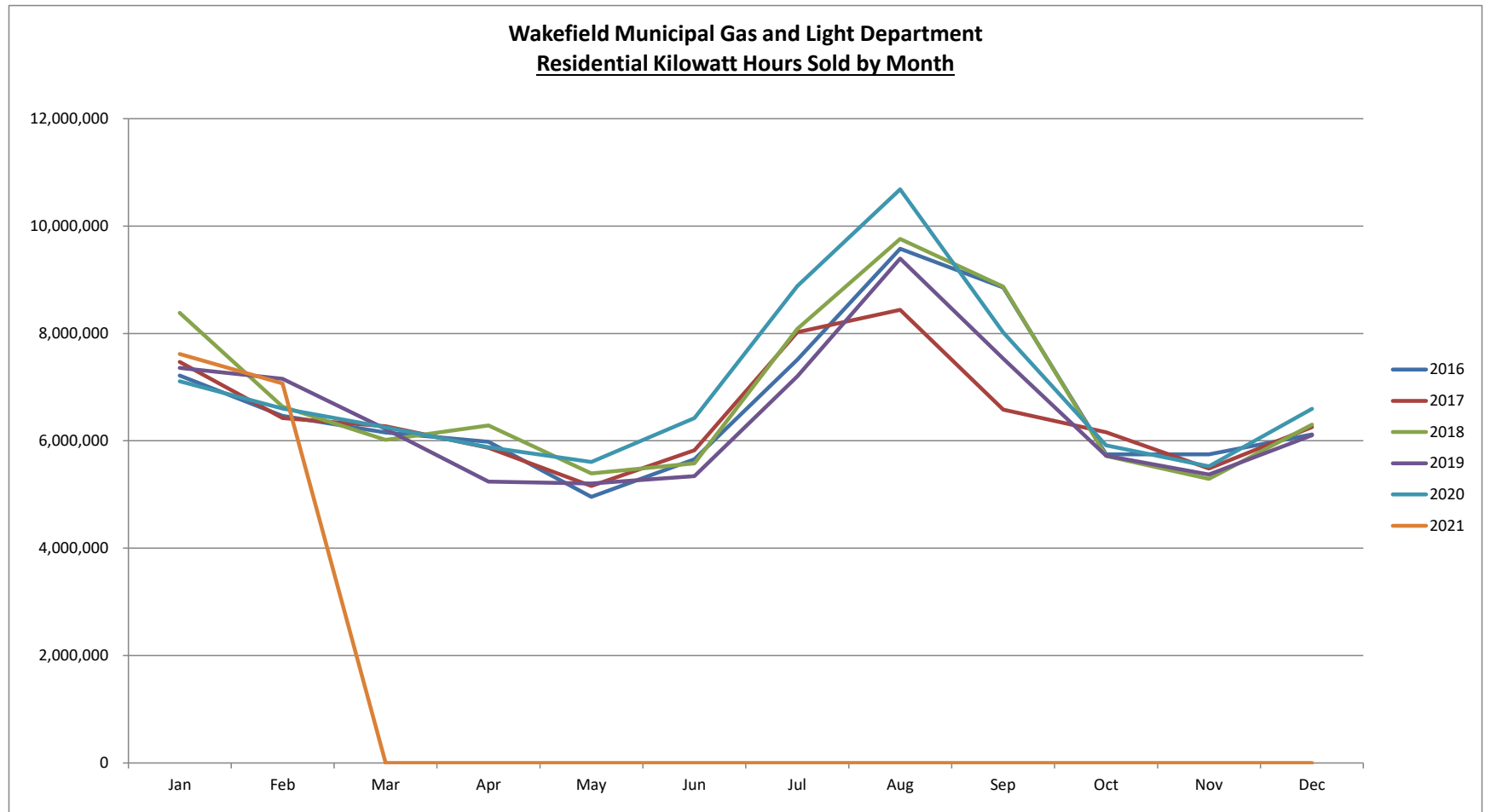
**Wakefield Municipal Gas and Light Department**  
**Total Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
2015	18,740,892	17,690,022	16,080,730	15,466,811	14,598,701	14,223,390	17,889,206	18,246,969	20,317,312	14,434,902	13,189,867	14,852,037	36,430,914	195,730,839
2016	16,533,974	15,797,950	14,772,758	14,634,278	12,966,436	15,255,131	16,901,222	20,390,535	18,447,864	14,084,731	14,517,900	14,862,522	32,331,924	189,165,301
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	31,691,556	179,257,316
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	31,424,856	178,754,396
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	31,225,752	168,104,208
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	29,201,960	162,605,090
2021	14,328,289	13,872,315	0	0	0	0	0	0	0	0	0	0	28,200,604	28,200,604



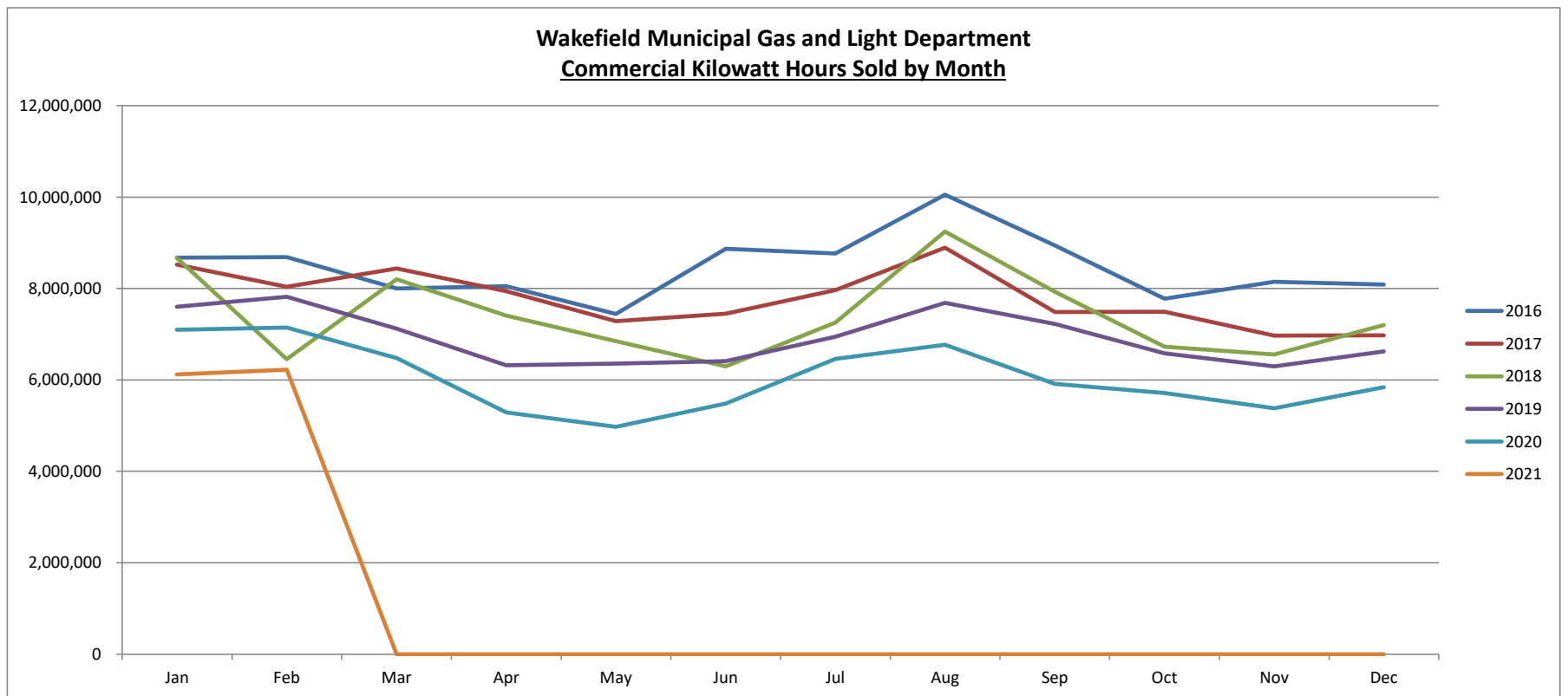
**Wakefield Municipal Gas and Light Department**  
**Residential Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
2015	8,178,424	7,676,232	6,887,656	6,114,348	5,604,983	5,522,641	7,546,631	8,356,952	9,266,873	6,082,228	5,246,984	5,899,584	15,854,656	82,383,536
2016	7,213,246	6,462,572	6,152,141	5,983,207	4,954,943	5,656,308	7,510,425	9,575,466	8,857,734	5,745,728	5,748,680	6,120,760	13,675,818	79,981,210
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	13,891,279	77,958,425
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	15,016,540	82,321,670
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	14,510,791	77,838,737
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	13,705,557	83,486,633
2021	7,615,309	7,068,224	0	0	0	0	0	0	0	0	0	0	14,683,533	14,683,533



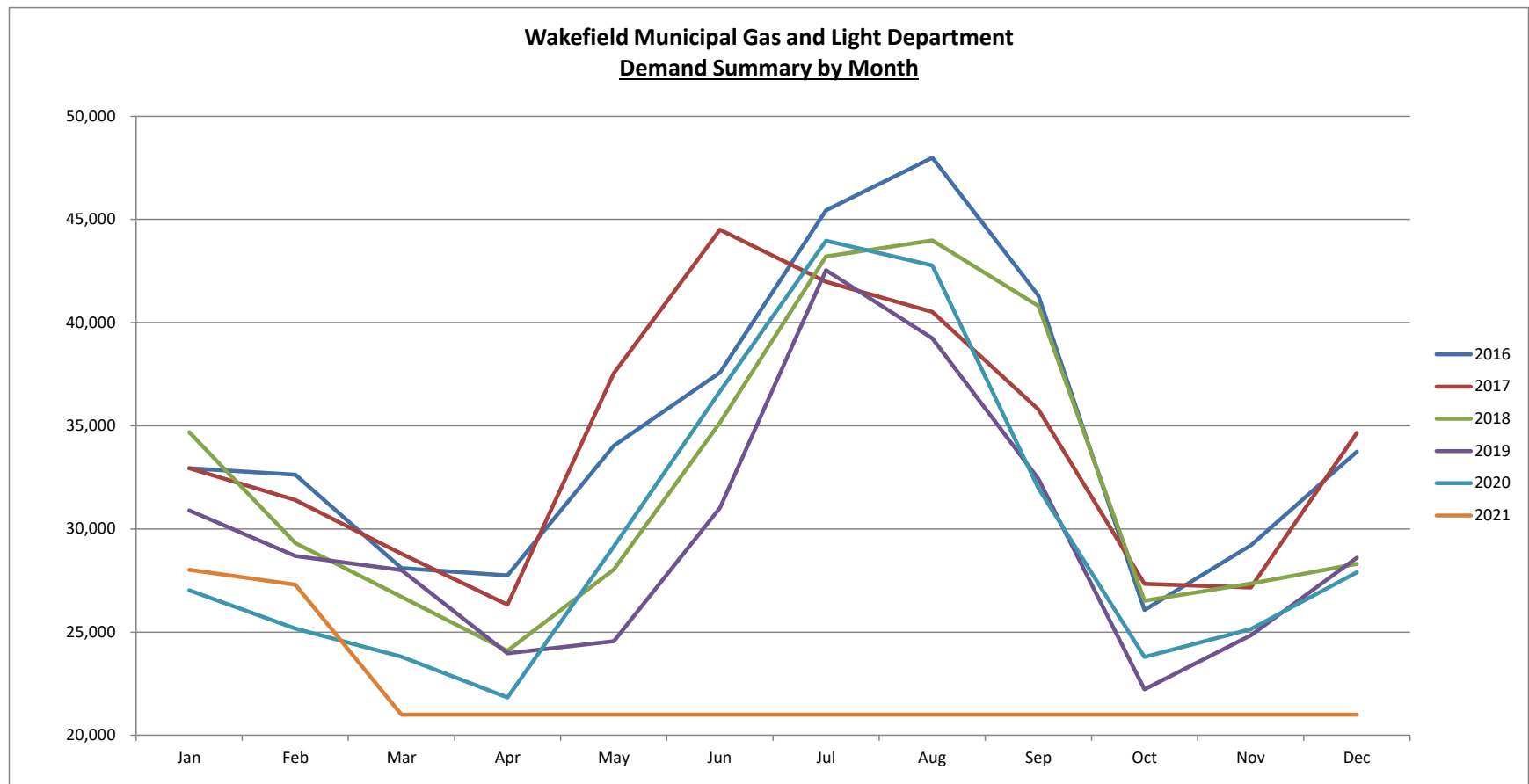
**Wakefield Municipal Gas and Light Department**  
**Commercial Kilowatt Hours Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
2015	9,967,369	9,469,303	8,613,429	8,821,582	8,262,753	8,094,609	9,621,561	9,232,271	10,201,316	7,791,890	7,309,757	8,355,668	19,436,672	105,741,508
2016	8,673,865	8,689,011	7,999,923	8,051,075	7,445,033	8,872,760	8,766,522	10,055,972	8,941,165	7,779,242	8,150,450	8,087,516	17,362,876	101,512,534
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	16,560,265	93,462,800
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	15,126,849	88,806,439
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	15,420,706	82,995,837
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	14,245,461	72,548,584
2021	6,120,226	6,226,617	0	0	0	0	0	0	0	0	0	0	12,346,843	12,346,843



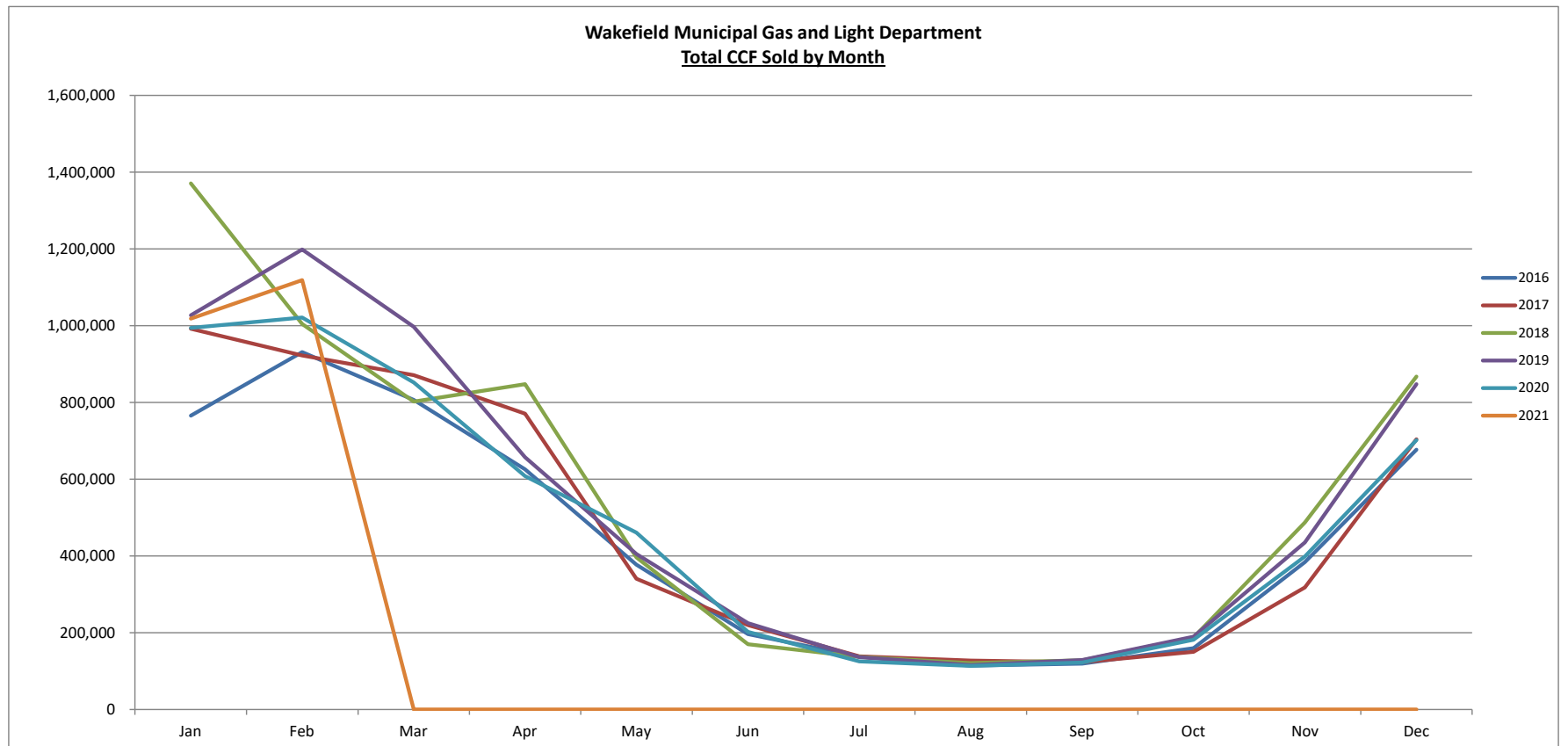
**Wakefield Municipal Gas and Light Department  
Demand Summary by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
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	32,943	416,812
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	32,945	408,966
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	34,692	388,179
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	30,896	357,031
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	27,031	359,177
2021	28,023	27,300	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	28,023	265,323



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

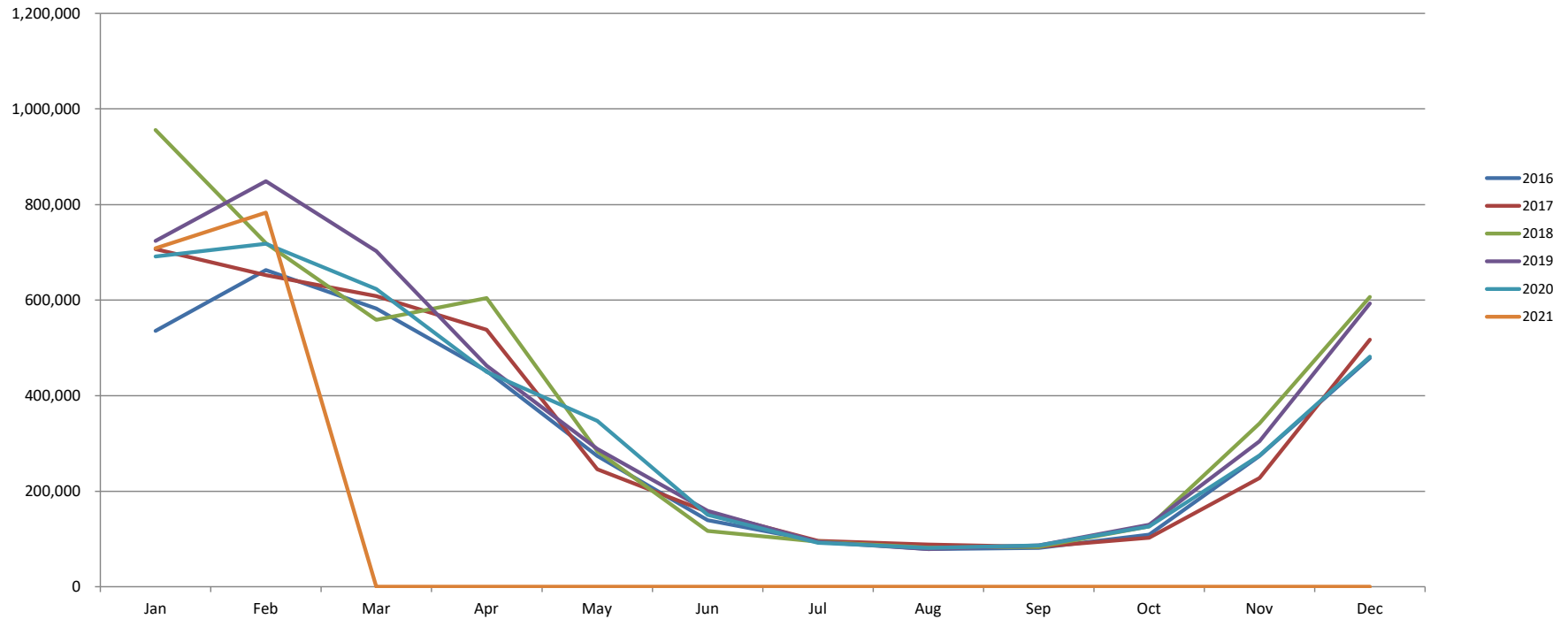
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
2015	1,009,763	1,262,240	1,132,746	790,303	376,704	162,785	143,849	113,013	124,003	165,477	321,060	533,054	2,272,003	6,134,997
2016	765,531	931,089	806,477	625,895	377,396	196,282	137,576	114,295	119,858	159,642	383,967	676,788	1,696,620	5,294,796
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	1,914,341	5,678,915
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	2,375,027	6,520,591
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	2,226,360	6,365,939
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	2,015,539	5,783,876
2021	1,018,323	1,118,751	0	0	0	0	0	0	0	0	0	0	2,137,074	2,137,074



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

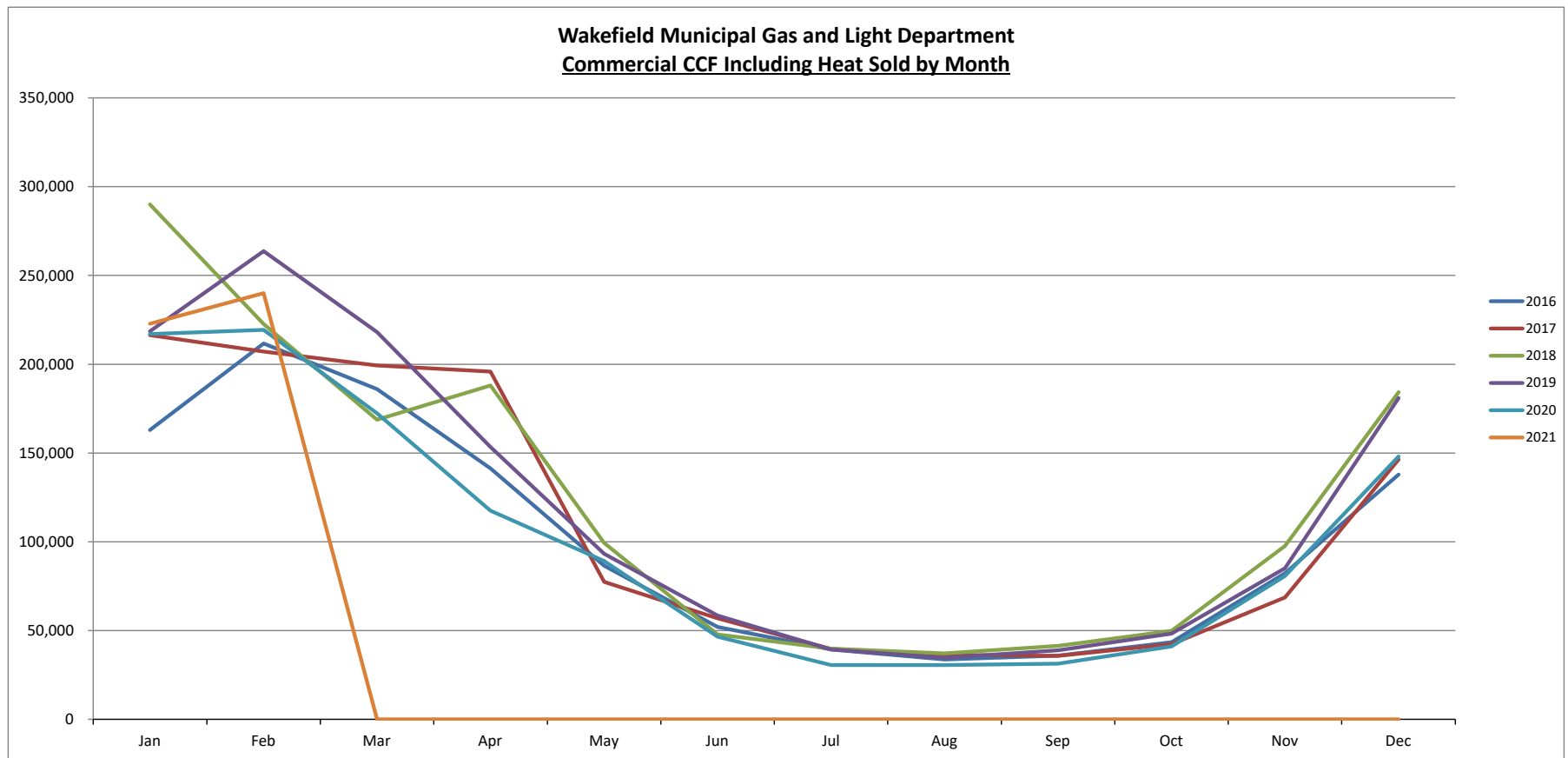
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
2015	709,258	882,366	804,314	567,283	271,108	114,243	102,782	78,644	86,567	113,195	226,095	377,416	1,591,624	4,333,271
2016	535,549	662,659	582,337	451,806	273,729	139,457	95,766	78,465	81,548	109,253	273,630	478,948	1,198,208	3,763,147
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	1,358,934	4,024,121
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	1,675,243	4,573,544
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	1,572,956	4,472,101
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	1,409,801	4,125,000
2021	708,777	783,101	0	0	0	0	0	0	0	0	0	0	1,491,878	1,491,878

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

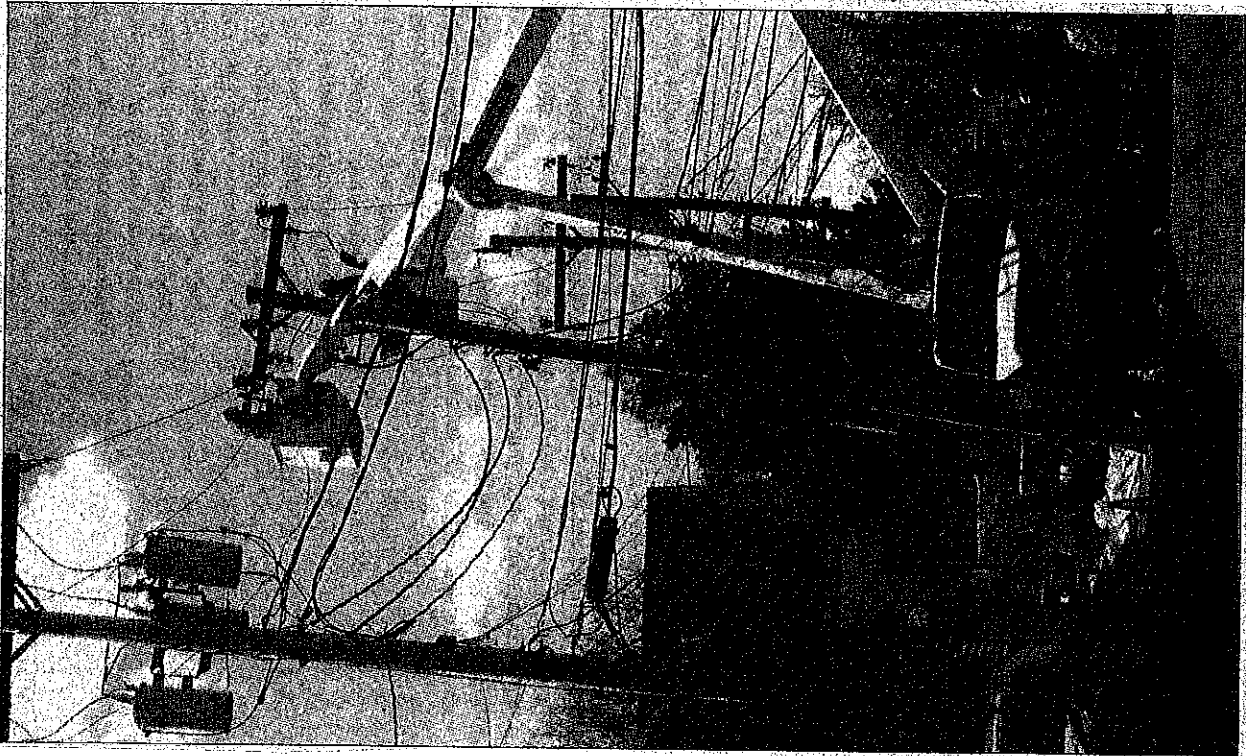


**Wakefield Municipal Gas and Light Department  
Commercial CCF Including Heat Sold by Month**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date Thru Feb	Annual Total
2015	211,670	280,348	255,703	184,532	88,149	42,594	37,791	32,329	34,412	42,841	69,578	114,429	492,018	1,394,376
2016	163,042	211,741	186,069	141,396	86,581	52,156	39,363	33,659	36,024	43,452	82,379	138,006	374,783	1,213,868
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	423,707	1,322,576
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	512,668	1,467,185
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	482,313	1,433,066
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	436,497	1,224,842
2021	222,839	240,034	0	0	0	0	0	0	0	0	0	0	462,873	462,873



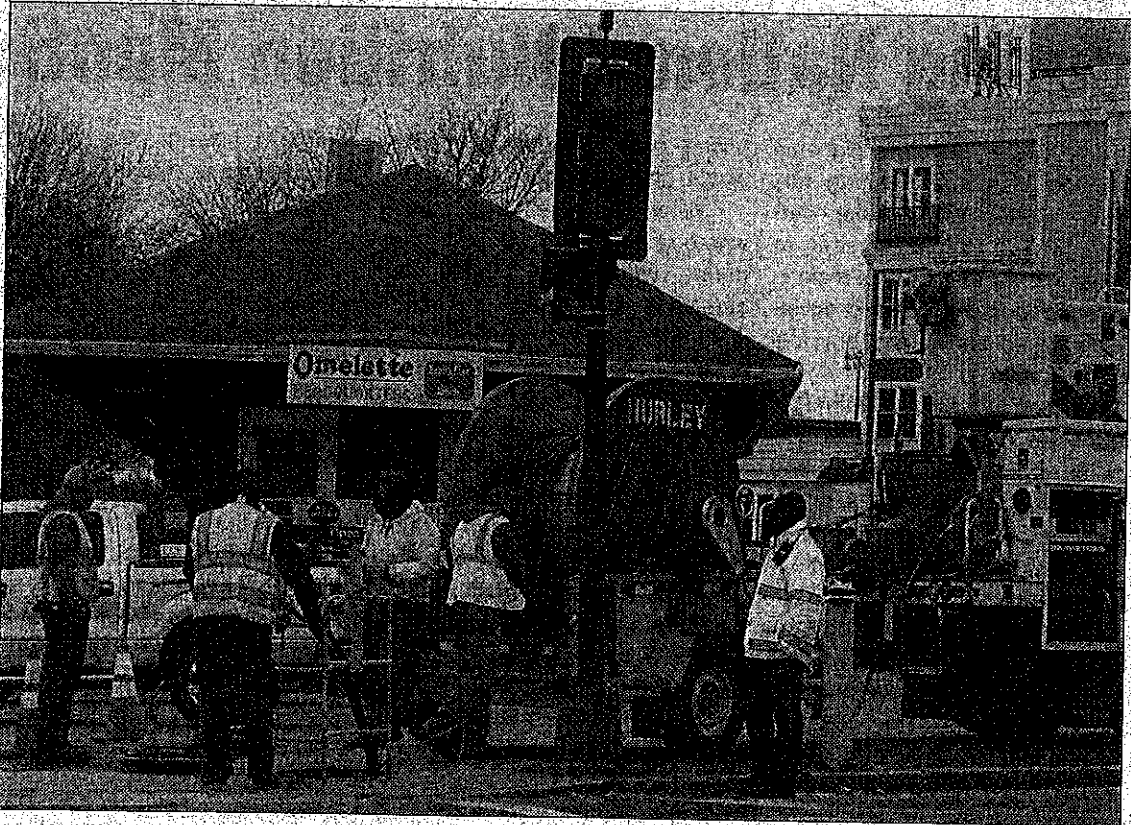
## Bucket brigade



WMGLD WORKERS use bucket trucks to tend to poles and wires on Richardson Avenue, near Farmland. (Mark Sardella Photo)

Wakefield Daily Item, Wednesday, March 17, 2021

## Light work



A MUNICIPAL GAS & LIGHT DEPARTMENT crew works on a manhole on Water Street.

(Mark Sardella Photo)



Earth  
Day  
2021

We make every day Earth Day in Wakefield!

*The Wakefield  
Municipal Gas and Light  
Department has embraced an  
aggressive green initiative policy that  
includes everything from non-carbon emitting  
generation to a robust and utility-friendly tree  
planting program.*

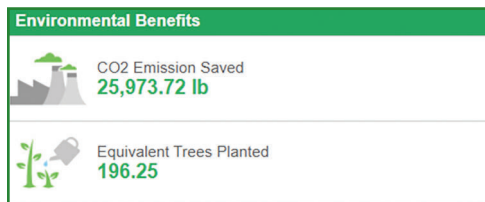
### Solar

The total number of solar installations:

- Residential 57 installations
- Commercial 2 installations
- Town Building 1 Installation
- Pole Top Solar 2 Installations

**Total: 62 local solar installations totaling 1.8MW of locally generated electricity.**

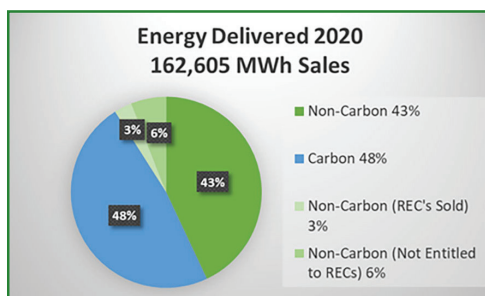
- Town owned solar installation:



### Portfolio

WMGLD's energy portfolio - focused on non-carbon emitting

- Local energy storage (battery) - 3MW / 5MWhs
- MMWEC Solar Project (late 2021/22) - 1 MW



### Tree planting

Utility friendly trees in the public way

- 2018 - 2020 - 150 trees planted
- 2021 - 50 trees will be planted

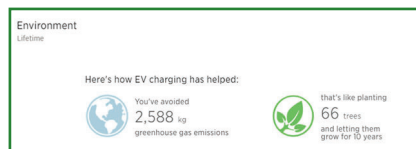
### Energy Conservation School program

- 5th grade energy conservation presentation that works with the school to educate the students as to the importance of energy conservation and using renewable energy options

### Electric Vehicle (EV)

EV program, chargers, dealership partnerships, fleet electrification, etc.

- 3 Public charging locations
- 31 Residential charges installed
- Discounted pricing with Quirk Chevy of Braintree
- Vehicle electrification - WMGLD is evaluating State grants for a hybrid vehicle to replace a diesel bucket truck in 2021-2022
- Public EV charging station information



### Energy Incentive Programs

- **Connected Homes** - reduce customers' carbon footprints by managing their connected devices
- **Sense Home Energy Monitoring rebate program** - monitor appliances, systems and electronics for energy consumption and savings
- **GO Program** - Commercial energy efficiency and incentive program for commercial customers and contractors

### Residential Rebate Programs

- **Appliance Rebate Program** - WMGLD offers rebates to residential customers who purchase qualified ENERGY STAR products
- **Incentive Rebate Program** - The WMGLD Incentive Rebate Program for energy efficient improvements is performed in cooperation with the Massachusetts Municipal Wholesale Electric Company (MMWEC)
- **Heating and Cooling Rebate Program** - WMGLD offers rebates on the purchase and installation of a mini-split single zone or mini-split multiple zone heat pump
- **Wi-Fi Smart Thermostat Program** - WMGLD offers rebates to residential customers who purchase new qualified ENERGY STAR rated programmable and Wi-Fi thermostats

Celebrate Earth Day every day!



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