

**Wakefield Municipal Gas and Light
Department**

Board of Commissioners



March 3, 2021

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

DATE: March 3, 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**

March 3, 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 February 3, 2021 Minutes
- D. Old Business**
 - 1 Project Updates
 - 2 Electric Vehicle Charger Update
- E. New Business**
 - 1 Texas Electric System Discussion
- 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

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

Peter D. Dion, General Manager

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

February 3, 2021

MINUTES

IN ATTENDANCE:

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

Peter Dion, General Manager, WMGLD

Mark Cousins, Financial Manager
Dave Polson, Engineering and Operations Manager
James Brown, Gas Superintendent
Raven Fournier, System Engineer
Joe Collins, WMGLD Contractor
Sylvia Vaccaro, Office Manager

Julie Smith-Galvin, Town Liaison

Members of the Public

| | |
|---------------|------------------|
| Elton Prifti | 18 Partridge Ln. |
| Anu Gerweck | 17 Robert St |
| Robert Vogtli | 157 Parker Rd. |

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: No remarks.

Commissioner Remarks: No remarks.

Public Remarks:

Anu Gerweck expressed that she is interested in learning about what progress has been made in sourcing fuel in an environmentally responsible way.

Robert Vogtli commented that like Anu he is keen to hear the latest progress on our future plans to source energy.

Town Council Comments:

Julie Smith- Galvin noted that there will be a meeting tomorrow concerning the Green Communities Act. They will be submitting the application in the Fall. Pete will be involved in providing some base line information. She expressed her thanks in taking up the topic of the Peabody power plant tonight and looks forward to that discussion.

Secretary's Report

Approval of minutes from the January 6, 2021 meeting was before the Board for approval. There were no comments or corrections.

A motion was made by Commr. Boettcher to approve the January 6, 2021 Board minutes as presented and seconded by Commr. Courcy

| | | |
|------------------------|------------------|-----|
| Roll Call Vote: | Commr. Boettcher | Aye |
| | Commr. Courcy | Aye |
| | Commr. Kallay | Aye |
| | Commr. Warchol | Aye |

The motion was approved unanimously.

Old Business:

Project Updates

Presentation of System Overview & New Salem Street Gas Regulator

Jim Brown, Gas Superintendent and Raven Fournier, System Engineer provided the Board with an overview of the Gas System and the New Salem Regulator Station upgrade.

Mains

Jim stated that currently 75% of the gas mains are plastic. We are in the process of replacing the cast iron mains with a completion date of 2022. Our goal is to reach 100% plastic in 8-10 years. He noted that gas leaks are the top priority. WMGLD hires a contractor that lays the dead main each Spring and then, the WMGLD crews go back and liven the main over the course of the year. The DPU approves of this process not only because we are able to replace mains at a faster rate, but the safety factor of having our own crews liven the lines. Throughout this process we are updating our GIS records. He also stated that we continue to work closely with the DPW on their paving priorities.

Services & Meters

Jim noted we have similar goals to become 100% plastic in this area. We are moving all meters outside which will provide for greater safety. We are also installing meter bars that allow us to bypass the meter, so we do not have to inconvenience the customer when performing meter changes. Pete stated that even with COVID restraints we were able to move 111 meters outside this past year. Commr. Boettcher inquired how these move outs were being prioritized. Jim stated that they are being performed along with the dead mains and leaks upgrade work, new services, or if a customer calls in with a concern. He also noted that we are required to survey a third of our system a year, so any issues in that survey are prioritized and added to the list. Commr. Boettcher also asked if the DPU was pushing us to move faster to get this work completed. Jim noted that the DPU is pleased we are being proactive and with the number of move outs that have already been completed. Commr. Kallay asked when all meters will be moved outside. Jim noted that this project should be completed in 10 years.

Leaks

The number of gas leaks have been improving. The number of Class 2 leaks have been reduced from 47 to 4 over the past 3 years. Of these leaks, 3 are on systems we are currently working, so the number will be down to 1 shortly. This will enable us to focus on the Class 3 leaks with the highest environmental impact. Three of these leaks are on systems we are currently working, so this number will be reduced further.

New Salem Street Regulator Station Replacement

Raven stated there were a few reasons this station was chosen to be replaced first. The first being its physical location. It was situated adjacent to a construction company, the Mill River, and the road.

She noted that the outdated underground sensor lines were replaced with the new industry best practice of being above ground and inside the new structure. To be proactive and ahead of potential requirements, it was built to accommodate relief valves. She stated that all the stations will be designed in the same manner to reduce the need for multiple procedures. Commr. Courcy asked for a brief description of a gas regulator. Raven noted that it is basically like an electrical transformer only for gas. The inlet takes higher pressure gas that comes in at 60 lbs. and reduces it to a lower pressure going out at maximum of 15 inches water column. A new SCADA box was installed next to the station. This will send low/high pressure alarms to the substation to monitor the pressures 24/7. The GIS system was also updated, which will provide accurate records for GIS mapping. The new station was put in service earlier, and the old station will be decommissioned in the coming weeks. Commr. Kallay inquired as to how many stations there are. Jim stated we have 6 stations with 2 more that need to be replaced. Lowell Street will be replaced next year followed by Farm Street the following year.

Project 2015 A

Pete Dion stated there were some questions concerning 2015A. There has been a handful of key issues raised since last meeting. It is important that we share accurate information. There has been some hearsay and inaccurate information. The project was approved in 2015 in a public meeting. There is a portion of it that has to be discussed in Executive session because of the market sensitivity of financial data. In 2017 when we were ready to fully subscribe and bid the proposed unit into the forward capacity market, the Board met again and took a ratification vote and voted

to bid into the forward capacity market. General Counsel was asked to review the process that was used. There are two reasons this process was used. The first is that the ISO market rules require that you do not disclose financial information that could inhibit the freedom of the market or negatively impact any market participant. The first step is to bid into the forward capacity market. This information cannot be shared publicly until we actually bid into the market. Following the Forward Capacity auction in 2018, information was publicly shared on the number we bid into the forward capacity market and the number we cleared at in 2018. The idea that this was done surreptitiously is not correct. In reviewing the agendas and minutes for this time period it was found that it was discussed in two public meetings in 2015 and in four other meetings since, for a total of 6 public meetings. It is important to note that the other participants had to abide by the same process and that the Open Meeting Laws were followed.

WMGLD General Council reviewed the process and agreed that the process that was used was what we were supposed to do and required to do. This project was not kept secret or hidden in any way. There are certain aspects that have to be kept confidential and that is why those were discussed in Executive session. Julie Smith-Galvin wanted to clarify that WMGLD has been transparent compared to other utilities and MMWEC. She mentioned that MMWEC does not have any information about this on their website and Peabody does post their meeting minutes. Pete stated that he assumed that they followed what processes they needed to follow.

Pete mentioned the second issue that was raised is that this is going to be an oil resource. It is not. It is going to be a natural gas resource more than 85% of the time. If we continue towards Roadmap 2030 & 2050 goals and are successful, we will be moving more heating load in buildings over the next 10 years to electric load and the natural gas constraints in the region should drop, allowing the unit to potentially run on natural gas 12 months of the year instead of 10 months before 2030.

It is a natural gas plant not oil fired. We have historical data that illustrates this will run about 85 percent of time on natural gas. It will only run on oil in the peak winter months, if we have to run at all. The reason these plants are being built with oil back up is when you bid into the forward capacity market you have to be able to provide that capacity year-round otherwise there are significant financial penalties. This is a capacity resource not an energy resource. It is only going to run if the Grid needs it to run for capacity reasons. We are not bidding this into the market as a merchant base load plant. It was designed to run as a peaking plant. If we continue down the path to meet our 2030 goals, then the capacity constraints in the winter months will be mitigated and the project should be able to run on

natural gas year-round. Historical data shows that on average these units run 85% of the time in the summer when gas prices are significantly lower.

Commr. Kallay wanted to clarify if the unit could run on any non-fossil fuel. Pete stated that the technology is not there yet, but after having a discussion with the vendor they noted that it would definitely be a possibility to convert to another fuel in the future.

Pete stated the third major issue is the value of the plant in terms of its role in the marketplace and its role to WMGLD. In 2015, municipal electric departments and MMWEC foresaw what was happening in the marketplace and decided that a unit like this could be a significant benefit. In the last 13 years, the Board has approved a half dozen major projects, which were tied to removing our carbon emitting resources. You need to have capacity backup for these renewables projects. Unfortunately, you cannot tell the sun to shine and the wind to blow. It is not a resource that you can just push a button to start, but load is load, so these peaking generators that you can just push a button to start are desperately needed to back up all the renewable growth. As one the originators of Berkshire Wind I and expanded Berkshire Wind II three years ago. We also have long-term contracts with Hancock Wind and Eagle Creek Hydro. Last year we voted to participate in Project 2020A, which is a large solar project out at MMWEC's campus in Ludlow, Massachusetts. Those are significant resources we are investing in over the next 25-30 years. These resources have very little capacity value assigned to them because they are intermittent resources. To continue to invest in these renewables we need to have capacity to back these up per our capacity obligation to the ISO. The more capacity you leave open to the GRID the more susceptible you are to the price fluctuations in that market. Two years ago, we liquidated our participation in an old oil-fired unit (Wyman) in Maine. We exited the contract as it was old and not being dispatched that often. It had been designed to be more of a base load plant. It will be shut down over the next few years. This represented 2.7 megawatts of capacity, so Project 2015A will be used to offset this.

There was a question raised about the cost of carbon which is shared in the Board book. This is calculated into the bid price when the unit is bid into the market on a daily basis. Currently it is .18 cents per kilowatt hour. There is a RGGI and Mass 310 CMR7.74 component to this. In the current Climate bill that is on the governor's desk, there are no additional costs to carbon. If that were to happen over next 10 years, it would not have a financial impact on this plant. If it were to run it would bid that all-inclusive price into it and if it is dispatched it is needed and not as a merchant plant driving up the cost in the marketplace. It will be covered by the market if it is dispatched and it is only going to be dispatched if needed.

Julie Smith Galvin asked if there is any need for pipeline expansion to operate. Pete explained that there is some investment in increasing the size of the pipe near the site and also a small compressor station being added to increase pressure to eliminate further investment in gas infrastructure. It is a very cost-effective approach to the gas investment.

Commr. Kallay inquired as to what happens if the plant is not dispatched. Would there be stranded costs and who would be responsible for those. Pete explained that we are receiving a capacity payment for the unit and capacity credit. We only bid and dispatch if needed. We would recover our costs if we are asked to run. It layers in all the resources needed on a given day based on the ISO forecast. Energy costs are a pass thru. It will never run when not needed. We are not bidding into the market just to run.

Pete stated that the final big piece is that 2015A works closely with the Climate plan for 2030 & 2050. It cites the need for units like this. We are moving from base load type of units over time to more larger scale renewable projects so those investments will take up a large portion of the base portfolio of the region, increasing the need for quick starting resources. Thereby, making this new more efficient plant more valuable. If you look at the market in California, this is what is needed.

Allan Prifti asked if WMGLD has plans to explore energy storage options to address future peak energy shaving needs. Pete explained that we were one of the first in the state to install a battery system. The installation of the 3-megawatt battery was made possible from a grant obtained from the DOER (Department of Energy Resources). We will be clearing space at the Wakefield Ave substation, so we could install a battery if it becomes feasible to do so. However, at the moment the economics are not there. One thing to remember is that battery technology requires a significant footprint. To replace the capacity value of 2015A plant you would need 40 3-megawatt batteries to obtain 3 hours of capacity.

Anu Gerweck inquired if the vendor will assure that we will be able to switch from fossil fuel to a renewable source when designing this plant. Pete said the plant is already designed and mostly procured, but in a meeting with the steering committee earlier in the day, Commr. Kallay asked if it could be converted to hydrogen, if that technology advances and the vendor stated that it is a possibility.

Julie Smith Galvin asked how many megawatts we are buying and who are the other participants in this project. Pete was not certain of all the participants involved, but that WMGLD has a 9% share of the project, which equals 5 megawatts. Pete said that Peabody has the largest share. Chicopee and Holyoke have a larger share than WMGLD. He did not have a list of the

others and their shares. She inquired if that much is needed by WMGLD. Pete stated that more than 5 megawatts of non-capacity resources are in the projects that have been approved over the last 13 years. He noted that we need to have over 50 megawatts of capacity and being on the open market for that amount of capacity is a huge risk. He noted the price of capacity is volatile. The forward trend is that capacity is going to become more valuable because the resources we are going to rely on are non-dispatchable so you still will need to push the button when the load increases. This project has a net present value of a positive number in the tens of millions. This will account for about 10 percent of our capacity requirement.

Commr. Kallay mentioned that Stoneybrook intermediate peaking is another capacity resource. She noted in the Board packet on page 66 it refers to Road Map 2030 & 2050, where it cites that existing intermediate plants may be used on a peaking basis. She asked if the Stoneybrook & the Peabody plant would be competing against each other, or how would they be used over time and as the market and resources shifts. Pete explained that it is all based on heat rate and efficiency and what they can bid into the market as. No peaking plant gets used unless needed. Our layered strategy is going to become more valuable as we increase our reliance on renewables.

Commr. Courcy added that prior to his retirement from National Grid he had retired 40 megawatts of diesel emergency generators that filled this capacity. Most being in larger combustion turbines. Most of all the emergency backup and capacity has been converted to natural gas.

Julie Smith-Galvin inquired as to how the natural gas peakers we have in town play a role in this. Pete stated that they play a key role on our projected peak days. We utilize the battery and natural gas generators to keep our base capacity requirement down. Commr. Boettcher asked if our capacity requirement was still on a rolling 3-year period. Pete said it was and that our capacity requirement used to be in the 60's and is now down to 55. The battery and the generators have had a significant impact on our capacity requirement. Pete also noted that Project 2015A compliments our investments.

Commr. Kallay inquired about the updated forward capacity market forecast. She noted that this may not be the lowest cost option, but we know the potential price we may get for this resource assures us we will not be raising rates one year and reducing rates the next. She wanted to confirm that this strategy is really about rate stability and there would be more fluctuations if we were to choose to leave this project or remain in the open market. She noted that the long-term is uncertain as to what resources will be in the market and what fuel source, we may be using for natural gas plants. She also wanted to confirm that if in the long-term we do not see an economic

benefit from this we will still be okay because we will still be realizing rate stability. Pete confirmed that this is correct. He also stated this is 2015A and it is now 2021. These projects take a long period of time to come to fruition. If the outer portions of the graph are true or worse, you cannot react quickly with a unit like this. He continued to say that this is a piece of our portfolio. He mentioned that Berkshire Wind is not the least cost resource in our portfolio. You have to look at it in terms of the entire portfolio. We need to lock in about 85 % of our capacity requirement and have 15% balance remaining open to the market to help balance the cost.

Commr. Kallay posed the hypothetical question of if we saw dramatically different economics this year are, we at a point where all the participants could change their mind. Pete stated there is already an EPC contract and we are already committed for 19 million dollars. We have paid almost 1 million dollars to date. You would be asking the participants to write-off 20 million dollars and we do not believe anyone is going to be willing to do this.

Julie Smith-Galvin asked Pete if he knew the status of all the permitting. Pete said there are various pieces of permitting. Julie said that there is still some permitting needed to be done at the DPU and in Peabody. She stated her concern is there are a lot of Peabody residents that are not aware of this project. She is concerned that Wakefield is associated with a project built near an environmental injustice area. She noted there are many ways to skin the capacity cat. Pete said it is not fair to say there are many other ways to skin the capacity cat. The renewables that we are investing in now and will be in the next 15 years have very little capacity allocation to them and this project is a piece of the pie that enables us to invest in these renewables. Julie Smith-Galvin asked how much has been spent on this project and what it is for. Pete said he shared what he can publicly in the Board book, anything else would have to be in Executive session.

Commr. Kallay commented that she liked the idea that this will not take away from our ability to invest in customer side resources. Such as batteries at customer sites or electric vehicle to Grid that could have capacity value if aggregated and allowed into the market over time.

Pete said he was glad he could share some of the information on this project. There are still some financials, proformas and contracts that still have to remain confidential.

Julie-Smith-Galvin stated that she really appreciates this conversation and openness. She does not like the outcome but appreciates the dialogue. Pete stated that you may want to look at an individual project, but if you look at a scoreboard for Wakefield you will see that we have not raised our base rates

in 13 years and the fuel charge is lower than 3 years ago. He noted that customers in Wakefield are paying less than they were 3 years ago. Julie said a lot of the capacity issues is how the market is structured. She noted that a lot of the capacity need is hardly ever used which favors having a lot of the fossils in there. Pete mentioned that you also do not want to be California where you need to shut people off on the peak days. He also stated that the ISO has a reliability component. It is a requirement that we have to keep the lights on. Julie stated that statewide everyone is struggling with that. ISO has their requirement and the State has their clean energy and somehow, we have to figure out how it all works together.

2020 Energy Efficiency Programs

Pete stated that WMGLD spent \$64,000.00 of the \$85,000.00 budget in 2020. This was affected by COVID. He noted that he is recommending holding the budget at \$85,000.00. We are not recommending changing the conservation charge at this time. Commr. Kallay asked if we can roll over the \$20,000.00. Mark Cousins stated that we can bring it forward. Pete noted that we will continue to monitor this budget closely. Commr. Boettcher thanked Pete for all the data. He noticed that Connected Homes had integrated Nest and Honeywell thermostats into their program and inquired if we will solicit those customers with Nest and Honeywell thermostats to participate in the Connected Homes program. Pete said we will continue to do that as well as promoting the Sense products.

Pete mentioned that he had a request to incorporate a heating consultant into our energy efficiency program. He noted that WMGLD has signed on with Abode, which is based out of Reading. They currently work with 7 other municipals. They will perform a pre-consultation, evaluation of proposal and cross check designs for customers. They will fill the role as coach and post audit analyst for us. It is important that the heat pump is designed properly and goes into an efficient building. Pete stated that we are in the process of executing the contract. Commr. Kallay commented that this is great news. She asked how we will be getting this information out to the public. Pete replied that we will have seminars this year for residents and contractors. Pete also mentioned that Abode has committed to 3 public and/or contractor informational seminars this this year.

Commr. Kallay asked Joe Collins to speak on the accuracy of the savings data on the heat pumps and if there are any key issues, we need to be aware of as we review this. Joe said because heat pumps are a new rebate and people are not necessarily replacing old heat pumps it may be hard to determine, but he is looking at the meter data to see if the gas consumption

has gone down and electric usage has increased for these customers. He stated he is confident that the data on the other rebates is accurate.

Commr. Boettcher inquired if there was an update on the load management portion of Sense. Pete stated that we are working on a more uniformed way to present requested dashboards. There will be a new customer portal, which will also allow us to customize and pull data automatically into dashboards. Commr. Kallay asked how many customers took advantage of the connected Homes and Sense products. Pete stated that there was a total of 10 customers. Commr. Boettcher stated that he had a request not of WMGLD, but of MMWEC to provide the data around how many devices are enrolled, how many of those customers with Sense products participated in the peaks, how many qualified for the monthly credits, and what was the energy savings. Pete stated that we will work on this in the enhanced dashboard.

New Business

2020 Goals and Objectives-Year end results

General Manager, Pete Dion reviewed the 2020 Goals and Objectives with the Board. He noted that we remained task focused throughout the year to accomplish these goals and deliver what we committed to while keeping everyone safe during the COVID environment.

Executive Session

A motion to enter executive session at 8:31 PM to discuss General Manager, Peter Dion's evaluation, returning to open session at its conclusion to report on the vote and for adjournment was made by Commr. Courcy and seconded by Commr. Boettcher.

| | | |
|------------------------|------------------|-----|
| Roll Call Vote: | Commr. Boettcher | Aye |
| | Commr. Courcy | Aye |
| | Commr. Kallay | Aye |
| | Commr. Warchol | Aye |

The motion was approved unanimously.

The Board of Commissioners reviewed and discussed the General Manager's 2020 Performance Goals and Objectives.

The Board returned to open session at 9:01pm. Commr. Courcy noted the following areas General Manager, Pete Dion was evaluated on and the corresponding rating that he received:

| | |
|----------------------------|------------|
| Safety | 5.0 |
| Operational | 5.0 |
| Customer Service & Website | 4.8 |
| Financial | 5.0 |
| Leadership | <u>4.8</u> |
| Total | 99.0% |

The Board decide that in light of operating during the COVID environment they would give a bonus point of 1.0% to his total rating, bringing it up to 100.00%. Commr. Courcy commented that the department had an awesome year accomplishing these achievements during the COVID environment. Commr. Boettcher extended his thanks and gratitude to Pete for achieving these goals and in some instances having gone beyond. Commr. Kallay noted that this was a stellar year and Pete hit it out of the park during what was an impossible year. Commr. Warchol stated it was a great job all around.

A motion was made by Commr. Warchol and seconded by Commr. Courcy to increase the General Manager’s base salary by 2.5% and the associated bonus and contribution to retirement that go along with that rating.

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

The motion was approved unanimously.

A motion to adjourn was made at 9:09 pm by Commr. Warchol and seconded by Commr. Courcy.

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

The motion was approved unanimously.



FEBRUARY 2021 WMGLD COMMISSIONER'S DASHBOARD

Outages (Elec)

| | SAIFI | CAIDI |
|---------|-------|-------|
| Nov | 0.57 | 54 |
| Dec | 0.56 | 56 |
| Jan | 0.55 | 51 |
| Cal YTD | 0.55 | 51 |

FYTD WMGLD Generation - January

| | Salem St. | Battery | Total |
|------------------|------------|------------|------------|
| RNS Benefit | \$ 382,104 | \$ 180,476 | \$ 562,580 |
| Capacity Benefit | 403,731 | 200,479 | 604,210 |
| Debt Service | (53,151) | (143,773) | (196,924) |
| Net Benefit | \$ 732,684 | \$ 237,182 | \$ 969,866 |

CYTD Pipe Replacement

| | Replaced | System Total |
|----|----------|--------------|
| 4" | 44 | 178,403 |
| 6" | - | 146,802 |
| 8" | - | 79,555 |

CONSERVATION BUDGET

| | |
|-----------------------------------|--------------|
| YTD FY21 Conservation Fees Billed | \$ 76,526 |
| YTD FY21 Paid out to Customers | \$ (128,072) |
| (Under) / Over Collected | \$ (51,546) |

New Services on the System

| | Electric | Gas |
|-----|----------|-----|
| Nov | 4 | 4 |
| Dec | 2 | 1 |
| Jan | 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) | 1,018,323 CCF |
| Prior Year Peak (Nov '19 → May '20) | 1,020,971 CCF |
| All-Time Peak - Jan '18 | 1,370,554 CCF |

Solar Generation 58 Customers

| | Generated | Back to WMGLD |
|-----------|-----------|---------------|
| CYTD | 63,590 | 13,254 |
| Comm'l | 5,334,960 | 1,023,400 |
| Res | 1,283,368 | 676,711 |
| Inception | 6,618,328 | 1,700,111 |

FYTD Sales 7 Mos. → 1/31/21

| | Electric | Gas | Total |
|---------|--------------|-------------|---------------|
| \$\$ | \$16,265,895 | \$4,455,122 | \$ 20,721,017 |
| kWh/CCF | 99,413,543 | 2,662,633 | |

Monthly & Annual Peaks

| | Prior Year | Current Year |
|-----|------------|--------------|
| Nov | 24.8 Mw | 25.1 Mw |
| Dec | 28.6 Mw | 27.9 Mw |
| Jan | 27.0 Mw | 28.0 Mw |

Summer YTD Peak

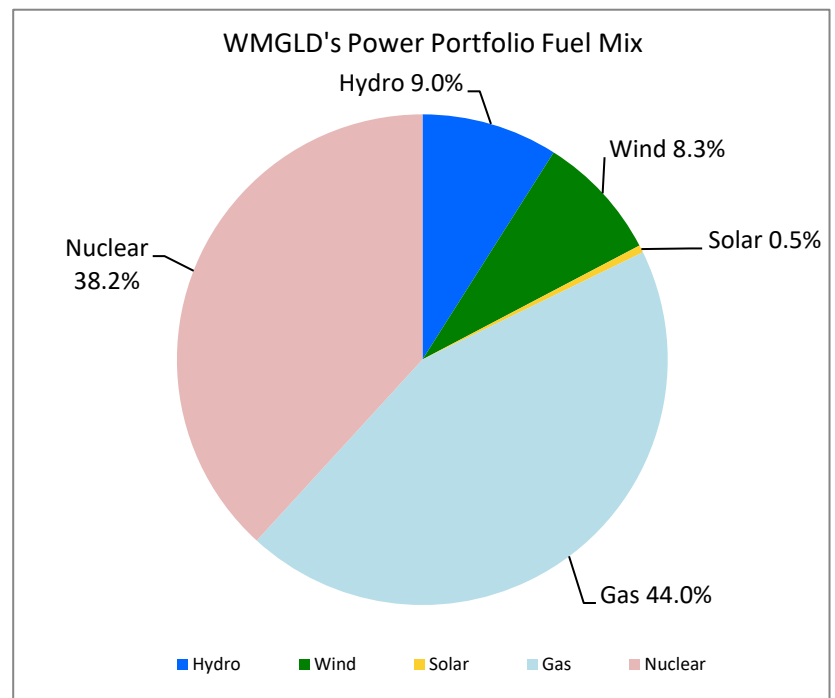
| 7/31/19 | 7/28/20 |
|---------|---------|
| 42.5 Mw | 44.0 Mw |

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 |



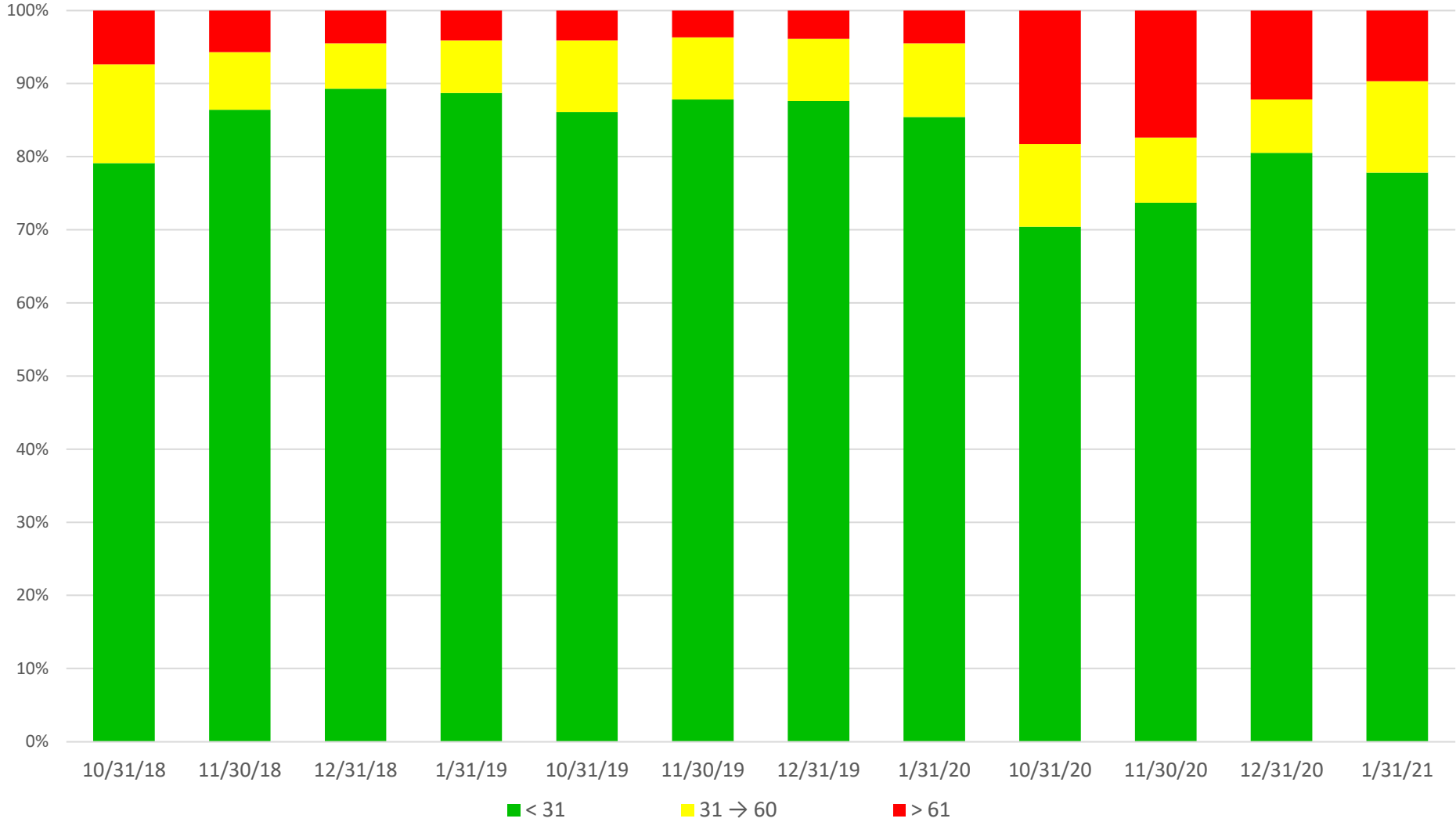
Wakefield Municipal Gas & Light Department
Customer Issues Log

| 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 |
| August 23, 2019 | Collections & payment plan. Customer contacted the DPU regarding payment plan, liens and protection from service termination | This customer has been on the December & April issue logs. Lein process, collections & termination process and protections process explained |
| August 19, 2019 | Customer complained that his mother's home health aid could not reach her due to gas main replacement on Salem Street. | Gas Superintendent gave his cell phone number to customer and offered to escort the health aid to mom's house through the construction |

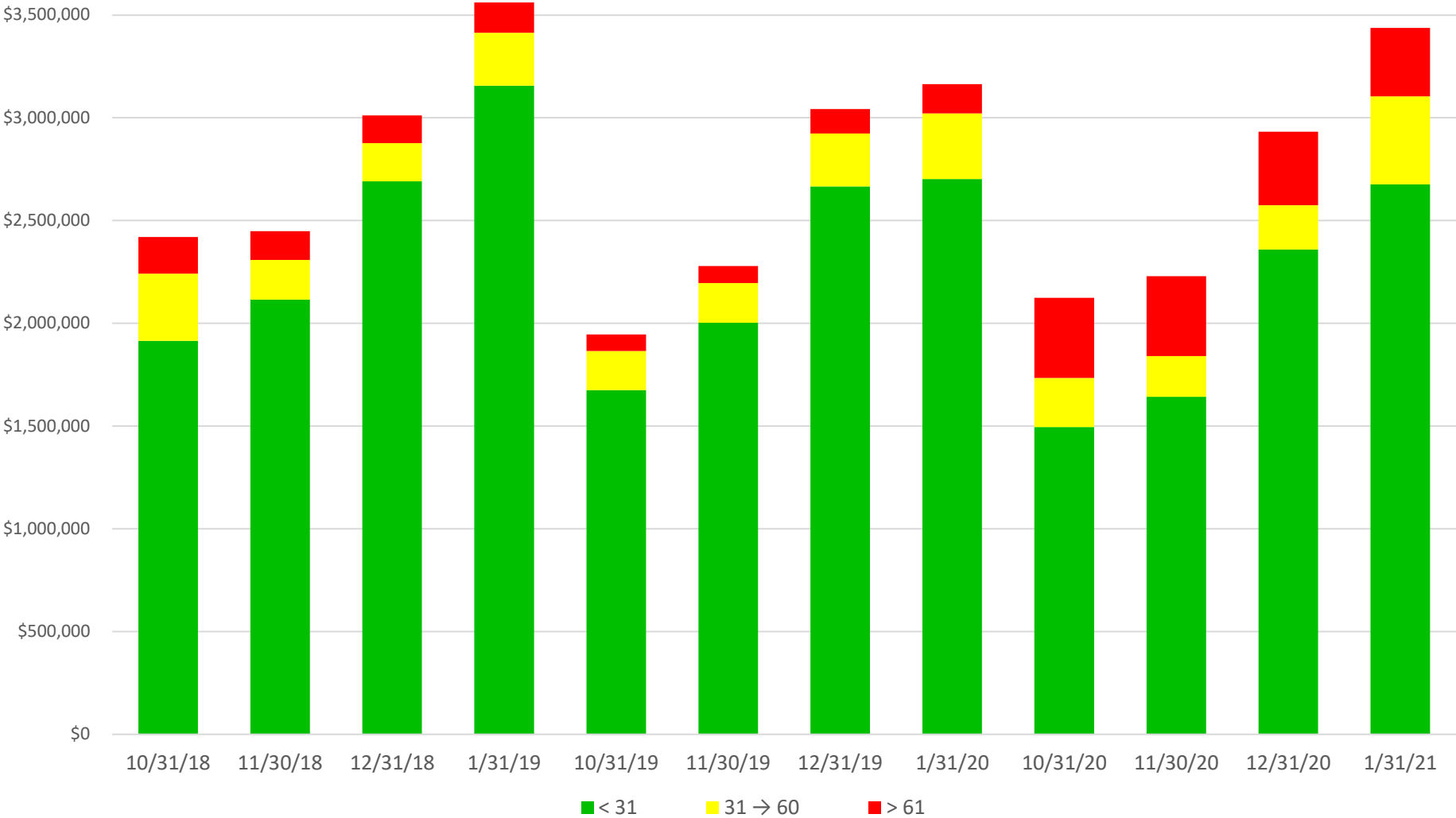
| COMMISSIONER REQUESTS LOG | Requested By | Request Date | Completion | NOTES |
|--|--------------|--------------|----------------|-------|
| | | | Date | |
| Review net metering policy | JK | 12/5/2018 | 1/9/2019 | |
| Add completion dates to this form | JW | 12/5/2018 | 1/9/2019 | |
| Remove identifying 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 | VZ |
| 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 | NOTES |
|--|--------------|--------------|------------|-------|
| | | | Date | |
| 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 | |

Receivables Aging - As of January 31, 2021



Receivables Aging - As of January 31, 2021



| | | RAW DATA - RECEIVABLES GRAPHS | | | | RAW DATA - RECEIVABLES GRAPHS | | | |
|---------|--|-------------------------------|-------------|-------------|-------------|-------------------------------|-------------|-------------|-------------|
| | | 10/31/20 | | 11/30/20 | | 12/31/20 | | 1/31/21 | |
| < 31 | | \$1,494,430 | 70.4% | \$1,641,955 | 73.7% | \$2,359,318 | 80.5% | \$2,675,178 | 77.8% |
| 31 → 60 | | 239,807 | 11.3% | 198,433 | 8.9% | 214,933 | 7.3% | 429,369 | 12.5% |
| > 61 | | 389,667 | 18.3% | 388,949 | 17.4% | 357,115 | 12.2% | 333,062 | 9.7% |
| Total | | \$2,123,904 | 21.5 | \$2,229,337 | 22.9 | \$2,931,366 | 29.8 | \$3,437,609 | 26.3 |

| | | 10/31/19 | | 11/30/19 | | 12/31/19 | | 1/31/20 | |
|---------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| < 31 | | \$1,674,196 | 86.1% | \$2,002,204 | 87.8% | \$2,666,003 | 87.6% | \$2,701,115 | 85.4% |
| 31 → 60 | | 190,857 | 9.8% | 193,084 | 8.5% | 257,475 | 8.5% | 320,144 | 10.1% |
| > 61 | | 80,148 | 4.1% | 83,460 | 3.7% | 118,851 | 3.9% | 141,767 | 4.5% |
| Total | | \$1,945,201 | 17.9 | \$2,278,748 | 21.3 | \$3,042,329 | 28.1 | \$3,163,026 | 23.4 |

| | | 10/31/18 | | 11/30/18 | | 12/31/18 | | 1/31/19 | |
|---------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| < 31 | | \$1,914,705 | 79.1% | \$2,114,864 | 86.4% | \$2,690,440 | 89.3% | \$3,156,118 | 88.7% |
| 31 → 60 | | 326,388 | 13.5% | 193,806 | 7.9% | 186,320 | 6.2% | 256,792 | 7.2% |
| > 61 | | 177,791 | 7.4% | 139,289 | 5.7% | 134,367 | 4.5% | 147,726 | 4.1% |
| Total | | \$2,418,884 | 21.2 | \$2,447,959 | 21.7 | \$3,011,127 | 26.5 | \$3,560,636 | 24.7 |

Notes: Gross Receivables from customer accounts are aged at month-end.
At 1/31/21, the >61 day balance of \$333,062 was analyzed in detail - results include 151 unique accounts which make up \$237,860 of the \$333,062 balance with >61 day account balances ranging from \$19,091 to \$500
DSO Ratio is also presented in **RED**

| | | REVENUES | REVENUES | REVENUES | REVENUES | REVENUES | REVENUES |
|----------|--|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 10/31/20 | 11/30/20 | 12/31/20 | 1/31/21 | 10/31/19 | 11/30/19 |
| ELECTRIC | | 1,974,107 | 1,867,315 | 2,081,417 | 2,278,999 | 2,095,661 | 1,998,241 |
| GAS | | 306,311 | 654,714 | 1,146,741 | 1,643,351 | 324,669 | 728,498 |
| TOTAL | | \$2,280,418 | \$2,522,029 | \$3,228,158 | \$3,922,350 | \$2,420,330 | \$2,726,739 |

| | | REVENUES | REVENUES | REVENUES | REVENUES | REVENUES | REVENUES |
|----------|--|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 10/31/18 | 11/30/18 | 12/31/18 | 1/31/19 | 10/31/18 | 11/30/18 |
| ELECTRIC | | 2,239,877 | 2,132,876 | 2,354,015 | 2,580,869 | 2,239,877 | 2,132,876 |
| GAS | | 313,391 | 792,239 | 1,371,370 | 1,738,574 | 313,391 | 792,239 |
| TOTAL | | \$2,553,268 | \$2,925,115 | \$3,725,385 | \$4,319,443 | \$2,553,268 | \$2,925,115 |


Electric Vehicle Public Charging Stations

Dashboard – 2/26/2021


| EV Charging Stations | | | | |
|----------------------------------|-----------------|------------|--------------------------------|------------|
| Utility Billing and Town Revenue | | | | |
| Feb-21 | | | | |
| Locations | Utility Billing | KWh | Town Revenue From Charge Point | KWh |
| Vets Field | \$65.37 | 357 | \$60.00 | 351 |
| Civic Center | \$5.28 | 32 | \$5.85 | 32 |
| Public Parking Lot | \$65.33 | 358 | \$74.07 | 329 |
| Totals | \$135.98 | 747 | \$139.92 | 713 |

Environment
Lifetime

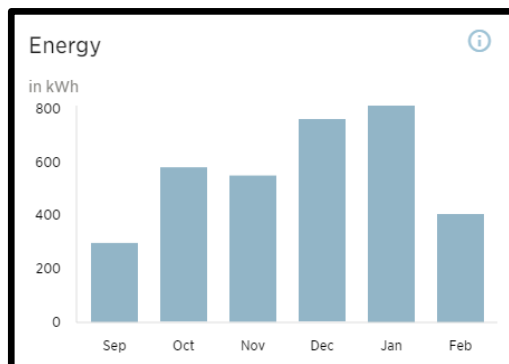
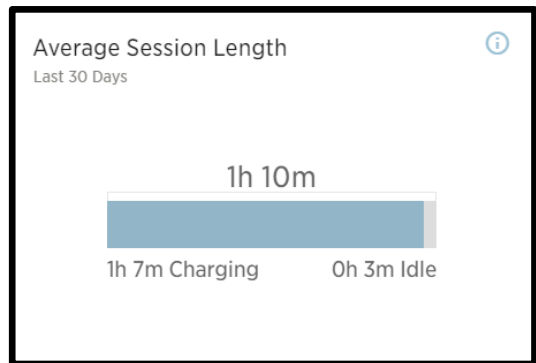
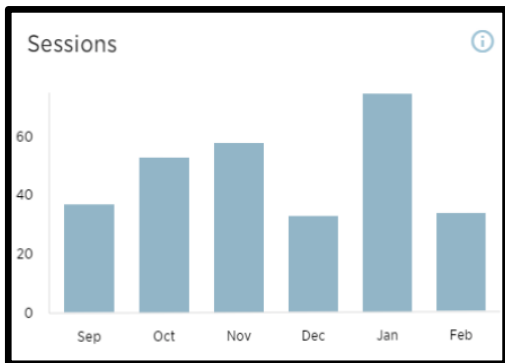
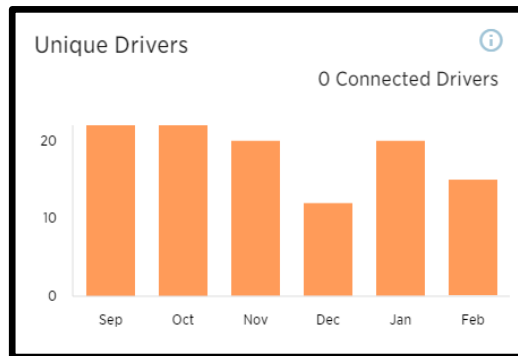
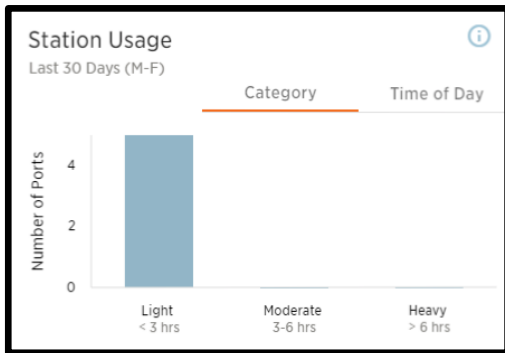
Here's how EV charging has helped:



You've avoided
2,159 kg
greenhouse gas emissions



that's like planting
55 trees
and letting them
grow for 10 years



General Manager's Report

The following is the General Managers Report for March, 2021

Engineering and Operations Report

Major New Customer Projects: (1,035 new residential housing units)

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 were completed. Brewster and Beebe are underway.
- Removal of old regulator station on New Salem Street was completed.
- Services and mains including on Broadway and the corners of Foundry and North Ave were completed. This included the repair of three Class 3 leaks
- 93 meters have been replaced so far this year with a target of 1041 for the year.
- There are currently 2213 inside gas services and 2896 outside services. 28 services have been moved outside this year.
- Leaks Class 1 – 0* Class 2 – 6 Class 3 –71

*(1- Class 1 Leaks this month)

Financial Reports

Monthly Financials for through December and Consumption Reports through January are enclosed.

Project Updates

COVID 19

Customer service personnel are split up with some working from home and some coming in on limited days. Gas and Electric crews have been separated with focus on responding to emergencies and 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. We are monitoring the guidance from the Town's Health Department and the State on when we may be able to get vaccines.

NGrid 345kv Project Update NGRID

NGRID/United Civil project – DPW implemented Winter moratorium restrictions on 11/20, project is on-hold until the Spring

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 Removed for the site**
- 13.8Kv Cutovers scheduled in 2021 Lines 1386 (**complete**), 1301 (**complete**), 1302, 0005, 126-W27, 1718 & 1920

4kv to 13.8kv conversions - Converting portions of ckt 9 on Water to ckt 443-W32 – **COMPLETE**

West Water St, Richardson and Foster St area – Preparing to convert from 4kv to 13.8 KV

Legislative Update

The Climate Bill was vetoed by the Governor and back with the legislature. A committee is reviewing the Governor's concerns and the hope is that there will be agreement new language in a few key areas. The MLP language is not among the items at issue.

No votes required at this time - Discussion only

**Board of Commissioners
March 3, 2021
Agenda Item No. D-2**

Electric Vehicle Charger Update

Attached is a summary for discussion of the Public EV Charging Stations and the residential charging stations that are part of our load control program.

No votes required at this time - Discussion only

**Board of Commissioners
March 3, 2021
Agenda Item No. E-1**

Texas Power Situation

The Board will discuss the various similarities and differences between the Power Supply situation in Texas. Similarities include diversity of power supply and centralized control. Major differences include the capacity market and interconnection to other regions.

Executive Session
Collective Bargaining

APPENDICIES

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

| | 12/31/2019 | 12/31/2020 |
|-------------------------------------|---------------------------------------|---------------------------------------|
| ASSETS | | |
| Sinking Fund - Self Insurance | \$ 178,616.64 | \$ 179,871.83 |
| Depreciation Fund | 182,707.00 | 182,844.45 |
| Consumer Deposits | 870,727.76 | 878,996.85 |
| Total Investments | <u>1,232,051.40</u> | <u>1,241,713.13</u> |
| Operating Cash | 12,746,981.89 | 14,392,386.13 |
| Depreciation Fund | 2,719.42 | 2,722.06 |
| Consumer Deposits | 344,913.81 | 306,090.04 |
| Petty Cash | 525.00 | 525.00 |
| Total Cash | <u>13,095,140.12</u> | <u>14,701,723.23</u> |
| Accounts Receivable-Rates | 3,278,256.81 | 3,561,182.86 |
| Accounts Receivable-Other | 2,277,946.35 | 2,037,111.96 |
| Inventory | 472,904.91 | 701,348.45 |
| Prepayments Miscellaneous | 752,682.44 | 752,336.13 |
| Prepayments Power | 3,689,305.05 | 3,684,313.94 |
| Other Deferred Debits | 1,108,819.78 | 1,570,634.64 |
| Total Other Assets | <u>11,579,915.34</u> | <u>12,306,927.98</u> |
| Total Current Assets | 25,907,106.86 | 28,250,364.34 |
| Distribution Plant | 20,883,681.40 | 20,210,702.68 |
| General Plant | 1,474,711.12 | 1,545,182.72 |
| Net Fixed Assets | <u>22,358,392.52</u> | <u>21,755,885.40</u> |
| Total Assets | <u><u>\$ 48,265,499.38</u></u> | <u><u>\$ 50,006,249.74</u></u> |
| LIABILITIES AND EQUITY | | |
| Accounts Payable | \$ 10,983.40 | \$ 1,176,367.71 |
| Consumer Deposits | 1,215,641.57 | 1,185,086.89 |
| Other Accrued Liabilities | - | (3,004.52) |
| Reserve for Uncollectable Accounts | 108,563.84 | 218,397.21 |
| Total Current Liabilities | <u>1,335,188.81</u> | <u>2,576,847.29</u> |
| Compensated Absences | 460,003.07 | 467,256.96 |
| MMWEC Pooled Loan Debt | 15,015,368.62 | 12,898,168.95 |
| OPEB Liability | 1,915,566.25 | 1,936,702.25 |
| Pension Liability | 7,948,500.00 | 7,948,500.00 |
| Total Long Term Liabilities | <u>25,339,437.94</u> | <u>23,250,628.16</u> |
| Total Liabilities | 26,674,626.75 | 25,827,475.45 |
| Retained Earnings | 8,619,962.70 | 10,630,846.32 |
| Year to Date Income | 1,834,568.25 | 1,610,661.10 |
| Sinking Fund Reserve-Self Ins | 178,616.64 | 179,871.83 |
| 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 |
| Total Equity | <u>21,590,872.63</u> | <u>24,178,774.29</u> |
| Total Liabilities and Equity | <u><u>\$ 48,265,499.38</u></u> | <u><u>\$ 50,006,249.74</u></u> |

Wakefield Municipal Gas and Light Department
Income Statement - Electric Fund
For the Six Months Ending, December 31, 2020

| | CURRENT MONTH | | YEAR TO DATE | |
|--|-----------------------|-----------------------|------------------------|------------------------|
| | FY 2020 | FY 2021 | FY 2020 | FY 2021 |
| Energy Revenue (Net of Discounts) | | | | |
| Residential Sales | \$ 1,003,458.15 | \$ 1,063,990.12 | \$ 6,725,237.37 | \$ 7,281,827.49 |
| Commercial Sales | 1,043,571.16 | 920,612.27 | 6,433,808.74 | 5,652,086.15 |
| Street Lighting | 15,678.00 | 15,678.00 | 94,063.00 | 94,063.00 |
| Municipal Sales | 91,898.09 | 89,451.87 | 581,892.84 | 535,640.67 |
| Private Area Lighting | 7,493.00 | 7,363.00 | 44,933.07 | 44,215.63 |
| Total Energy Revenue | 2,162,098.40 | 2,097,095.26 | 13,879,935.02 | 13,607,832.94 |
| Other Revenues | | | | |
| Unbilled Revenue | - | - | - | - |
| Interest Income-Consumer Deposits | 1,012.63 | 436.21 | 7,764.26 | 3,102.55 |
| Interest Income-Depreciation Fund | 12.12 | 11.77 | 71.83 | 69.81 |
| Interest Income-Self Ins Sinking Fund | 282.34 | 26.09 | 1,936.90 | 222.13 |
| Interest Income-MMWEC | 912.30 | 1,829.96 | 17,431.68 | 8,537.07 |
| Income from Merchandise & Jobbing | (16,580.04) | (46,708.75) | (155,537.60) | (107,742.29) |
| Other Revenues | - | (1,465.38) | (190.01) | (1,395.84) |
| Sales Tax | 55,983.63 | 49,789.63 | 346,817.68 | 313,318.17 |
| Conservation Charge | 3,875.10 | 8,915.91 | 23,285.72 | 59,505.65 |
| Reconnect Fees | - | 100.00 | 4,225.00 | 450.00 |
| Comcast & RCN Pole Fees | - | 16,978.70 | - | 86,479.90 |
| Insurance Reimbursements | - | - | 5,605.18 | - |
| Other Electric Revenue | 228.21 | 277.01 | 2,689.37 | 1,162.06 |
| Total Other Revenue | 45,726.29 | 30,191.15 | 254,100.01 | 363,709.21 |
| Total Revenue | 2,207,824.69 | 2,127,286.41 | 14,134,035.03 | 13,971,542.15 |
| Power Costs | | | | |
| Purchased Power | (1,342,363.91) | (1,172,361.44) | (7,513,215.79) | (6,999,046.33) |
| Power Expense Generation | (11,050.03) | (9,765.30) | (68,213.47) | (60,214.59) |
| Power Expense Battery | (8,333.75) | (6,903.28) | (52,653.35) | (41,963.55) |
| Total Power Costs | (1,361,747.69) | (1,189,030.02) | (7,634,082.61) | (7,101,224.47) |
| Gross Profit | \$ 846,077.00 | \$ 938,256.39 | \$ 6,499,952.42 | \$ 6,870,317.68 |
| Operating Expenses | | | | |
| Miscellaneous Operating Expenses | | | | |
| Depreciation Expense | (220,824.76) | (240,435.27) | (1,324,948.61) | (1,442,613.22) |
| Sales Tax | - | (49,789.63) | (290,834.05) | (313,318.17) |
| Interest Expense-Consumer Deposits | (11,124.63) | (2,026.41) | (22,623.89) | (12,071.90) |
| Interest Expense-MMWEC | (21,756.11) | (24,035.28) | (137,182.51) | (128,621.50) |
| Total Misc Operating Expenses | (253,705.50) | (316,286.59) | (1,775,589.06) | (1,896,624.79) |
| Distribution Expenses | | | | |
| Operations Supervision and Engineering | (19,840.13) | (28,759.67) | (110,283.98) | (100,292.15) |
| Operations Labor | (2,445.23) | 8,353.69 | (3,301.60) | 13,924.64 |
| Substation Salaries and Expense | (38,396.75) | (84,711.16) | (263,037.07) | (300,731.11) |
| Customer Installation Expenses | (123.54) | 343.50 | (1,909.94) | (20,432.15) |
| Miscellaneous Distribution Expenses | (48,372.26) | (52,543.26) | (369,373.37) | (321,642.99) |
| Total Distribution Expenses | (109,177.91) | (157,316.90) | (747,905.96) | (729,173.76) |

Wakefield Municipal Gas and Light Department
Income Statement - Electric Fund
For the Six Months Ending, December 31, 2020

| | CURRENT MONTH | | YEAR TO DATE | |
|--|----------------------|-----------------------|------------------------|------------------------|
| | FY 2020 | FY 2021 | FY 2020 | FY 2021 |
| Maintenance Expenses | | | | |
| Maintenance Supervision and Engineering | (16,373.75) | (28,155.89) | (98,008.34) | (110,996.74) |
| Maintenance of Station Equipment | (221.75) | - | (367.95) | (1,534.84) |
| Maintenance of Other Equipment | - | - | (6,580.04) | (3,877.02) |
| Maintenance of Overhead Lines | (9,732.74) | (74,925.84) | (235,417.37) | (324,326.39) |
| Maintenance of Underground Lines | (366.62) | - | (6,088.35) | (8,081.63) |
| Maintenance of Line Transformers | - | - | (877.50) | - |
| Maintenance of Street Lighting | (11,610.34) | - | (23,459.31) | (201.25) |
| Maintenance of Meters | (123.54) | 343.50 | (34,623.14) | 1,065.85 |
| Maintenance of Misc Distribution Plant | (4,651.84) | (5,370.91) | (31,361.42) | (26,474.87) |
| Total Maintenance Expenses | (43,080.58) | (108,109.14) | (436,783.42) | (474,426.89) |
| Customer Account Expense | | | | |
| Meter Reading Expense | (4,055.78) | (5,474.94) | (21,252.82) | (46,432.92) |
| Customer Records & Collection Exp | (48,046.38) | (74,958.00) | (365,975.99) | (343,897.06) |
| Total Customer Account Exp | (52,102.16) | (80,432.94) | (387,228.81) | (390,329.98) |
| Administrative and General Expenses | | | | |
| Community Relations & Advertising | (27,012.55) | (16,206.87) | (44,635.62) | (23,358.58) |
| Administrative Salaries and Expense | (14,220.52) | (21,286.11) | (113,040.04) | (98,246.34) |
| Business Mgr and Accting Salaries and Exp | (10,364.31) | (19,171.78) | (76,323.02) | (88,096.69) |
| MIS Salaries and Expense | (5,483.97) | (12,167.48) | (165,945.34) | (108,031.08) |
| Outside Services | - | - | (15,000.00) | (16,125.00) |
| Conservation & Rebates | (24,340.71) | (22,105.14) | (78,640.06) | (115,487.75) |
| Property Insurance | (4,740.25) | (5,375.08) | (28,441.50) | (32,250.52) |
| Injuries and Damages | (5,959.81) | (4,032.16) | (34,043.75) | (27,752.54) |
| Employee Pensions and Benefits | (143,165.12) | (132,209.49) | (840,046.13) | (869,778.92) |
| Miscellaneous General Expenses | (1,445.09) | (4,986.72) | (37,436.12) | (38,454.60) |
| Maintenance of General Plant | (14,989.99) | (15,668.00) | (63,419.35) | (70,379.06) |
| Total Admin & General Expenses | (251,722.32) | (253,208.83) | (1,496,970.93) | (1,487,961.08) |
| Net Income (Loss) Before Surplus | | | | |
| Adjustments | \$ 136,288.53 | \$ 22,901.99 | \$ 1,655,474.24 | \$ 1,891,801.18 |
| Surplus Adjustments | | | | |
| Additions | | | | |
| Sale of Scrap | 7,028.74 | - | 7,028.74 | 17,018.70 |
| MMWEC Refund | - | - | 534,347.98 | 46,343.35 |
| Total Additions to Surplus | 7,028.74 | - | 541,376.72 | 63,362.05 |
| Subtractions | | | | |
| Interest on Sinking Fund | 282.34 | 26.09 | 1,936.90 | 222.13 |
| Payment in Lieu of Taxes | 56,532.00 | 57,380.00 | 339,192.00 | 344,280.00 |
| Plant Removal Costs | 21,153.81 | - | 21,153.81 | - |
| Total Subtractions from Surplus | 77,968.15 | 57,406.09 | 362,282.71 | 344,502.13 |
| Net Income (Loss) | \$ 65,349.12 | \$ (34,504.10) | \$ 1,834,568.25 | \$ 1,610,661.10 |

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

| | 12/31/2019 | 12/31/2020 |
|-------------------------------------|-------------------------|-------------------------|
| ASSETS | | |
| Sinking Fund - Self Insurance | \$ 178,616.63 | \$ 179,871.82 |
| Consumer Deposits | 95,616.48 | 96,535.30 |
| Total Investments | 274,233.11 | 276,407.12 |
| Operating Cash | (15,939,631.36) | (15,342,099.18) |
| Consumer Deposits | 188,401.11 | 204,029.38 |
| Petty Cash | 175.00 | 175.00 |
| Total Cash | (15,751,055.25) | (15,137,894.80) |
| Accounts Receivable-Rates | 1,306,451.27 | 1,157,471.91 |
| Accounts Receivable-Other | 133,341.36 | - |
| Inventory | 511,942.00 | 472,173.34 |
| Prepayments Miscellaneous | 31,456.65 | 43,331.47 |
| Other Deferred Debits | 428,314.23 | 519,695.20 |
| Total Other Assets | 2,411,505.51 | 2,192,671.92 |
| Total Current Assets | (13,065,316.63) | (12,668,815.76) |
| Distribution Plant | 22,893,094.87 | 23,850,562.78 |
| General Plant | 499,801.93 | 472,754.70 |
| Net Fixed Assets | 23,392,896.80 | 24,323,317.48 |
| Total Assets | \$ 10,327,580.17 | \$ 11,654,501.72 |
| LIABILITIES AND EQUITY | | |
| Accounts Payable | \$ (26,202.41) | \$ 651,706.48 |
| Consumer Deposits | 284,017.59 | 295,484.68 |
| Other Accrued Liabilities | - | 3,278.81 |
| Reserve for Uncollectable Accounts | 108,563.83 | 218,397.21 |
| Total Current Liabilities | 366,379.01 | 1,168,867.18 |
| Compensated Absences | 235,784.91 | 267,026.80 |
| OPEB Liability | 537,034.75 | 544,080.75 |
| Pension Liability | 2,649,500.00 | 2,649,500.00 |
| Total Long Term Liabilities | 3,422,319.66 | 3,460,607.55 |
| Total Liabilities | 3,788,698.67 | 4,629,474.73 |
| Retained Earnings | (15,599,805.12) | (16,024,248.00) |
| Year to Date Income (Loss) | (971,234.68) | (896,618.50) |
| Sinking Fund Reserve-Self Ins | 178,616.63 | 179,871.82 |
| Contribution in Aid of Construction | 13,600.00 | 13,600.00 |
| Investment in Fixed Assets | 22,917,704.67 | 23,752,421.67 |
| Total Equity | 6,538,881.50 | 7,025,026.99 |
| Total Liabilities and Equity | \$ 10,327,580.17 | \$ 11,654,501.72 |

Wakefield Municipal Gas and Light Department
Income Statement - Gas Fund
For the Six Months Ending, December 31, 2020

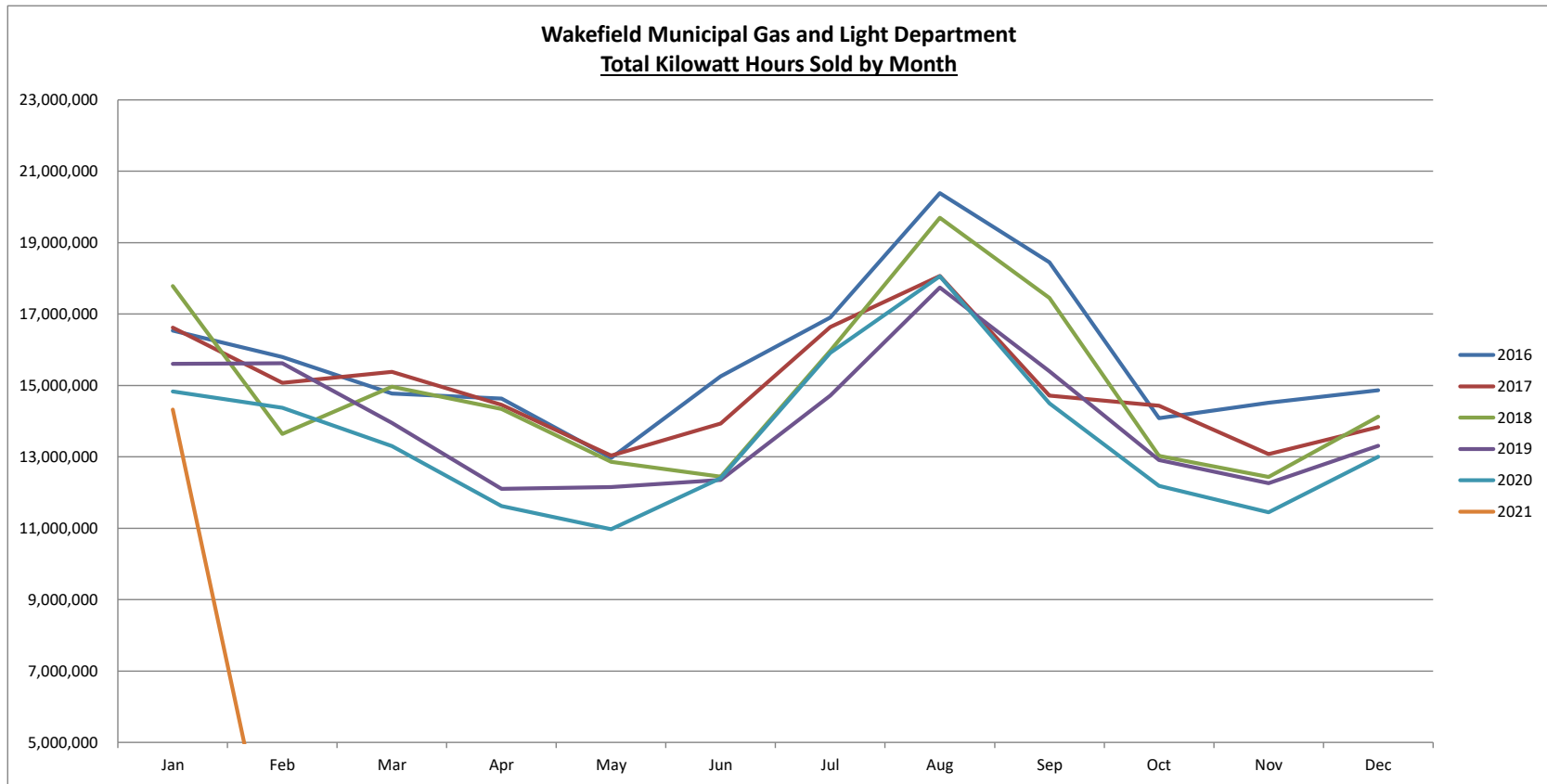
| | CURRENT MONTH | | YEAR TO DATE | |
|--|----------------------|----------------------|-----------------------|------------------------|
| | FY 2020 | FY 2021 | FY 2020 | FY 2021 |
| Energy Revenue (Net of Discounts) | | | | |
| Residential Sales | \$1,006,227.73 | \$797,605.55 | \$2,232,919.91 | \$1,946,611.34 |
| Commercial Sales | 298,657.91 | 237,001.79 | 681,986.69 | 565,095.24 |
| Municipal Sales | 119,341.51 | 112,133.82 | 221,951.79 | 211,083.20 |
| Total Energy Revenue | 1,424,227.15 | 1,146,741.16 | 3,136,858.39 | 2,722,789.78 |
| Other Revenues | | | | |
| Unbilled Revenue | - | - | - | - |
| Interest Income-Consumer Deposits | 112.51 | 48.47 | 862.72 | 344.76 |
| Interest Income-Self Ins Sinking Fund | 282.34 | 26.09 | 1,936.89 | 222.11 |
| Income from Merchandise & Jobbing | (65,666.06) | (3,122.19) | (268,643.49) | 41,008.67 |
| Special Gas Charges | 600.90 | 579.58 | 2,887.62 | 1,304.21 |
| Sales Tax | 13,961.00 | 11,507.31 | 32,013.00 | 27,584.97 |
| Reconnect Fees | - | - | - | - |
| Insurance Reimbursements | - | - | - | - |
| Other Gas Revenue | 14,512.23 | 74.03 | 14,512.23 | (45.27) |
| Total Other Revenue | (36,197.08) | 9,113.29 | (216,431.03) | 70,419.45 |
| Total Revenue | 1,388,030.07 | 1,155,854.45 | 2,920,427.36 | 2,793,209.23 |
| Gas Purchased | (841,644.24) | (735,902.21) | (1,984,652.43) | (1,573,997.58) |
| Gross Profit | \$ 546,385.83 | \$ 419,952.24 | \$ 935,774.93 | \$ 1,219,211.65 |
| Operating Expenses | | | | |
| Miscellaneous Operating Expenses | | | | |
| Depreciation Expense | (115,169.47) | (156,760.09) | (691,017.92) | (940,562.44) |
| Sales Tax | - | (11,507.31) | (18,052.00) | (27,584.97) |
| Interest Expense-Consumer Deposits | (22.85) | (506.60) | (2,897.66) | (3,017.97) |
| Interest Expense-MMWEC | 374.87 | - | (2,925.80) | - |
| Total Misc Operating Expenses | (114,817.45) | (168,774.00) | (714,893.38) | (971,165.38) |
| Distribution Expenses | | | | |
| Operations Supervision and Engineering | (15,971.68) | (23,851.43) | (84,793.14) | (103,367.59) |
| Station Labor and Expenses | (14,359.21) | (11,357.80) | (102,792.63) | (86,785.58) |
| Mains and Service | (5,445.22) | (6,466.33) | (3,969.53) | (24,222.44) |
| Customer Installation Expenses | (19,694.00) | (11,736.15) | (91,552.47) | (58,747.83) |
| Miscellaneous Plant Expenses | (43,615.89) | (9,838.68) | (63,259.56) | (58,936.16) |
| Total Distribution Expenses | (99,086.00) | (63,250.39) | (346,367.33) | (332,059.60) |
| Maintenance Expenses | | | | |
| Maintenance of Mains | (32,747.66) | (41,176.65) | (122,682.67) | (152,076.63) |
| Maintenance of Meters and House Regulators | (720.00) | (1,630.00) | (9,857.43) | (6,973.21) |
| Maintenance of Other Equipment | (73.92) | (254.26) | (11,954.19) | (18,192.41) |
| Total Maintenance Expenses | (33,541.58) | (43,060.91) | (144,494.29) | (177,242.25) |
| Customer Account Expense | | | | |
| Meter Reading Expense | (1,351.93) | (1,824.98) | (7,084.30) | (15,477.63) |
| Customer Record and Collection Expenses | (18,026.55) | (28,093.96) | (133,461.05) | (126,849.72) |
| Total Customer Account Expenses | (19,378.48) | (29,918.94) | (140,545.35) | (142,327.35) |

Wakefield Municipal Gas and Light Department
Income Statement - Gas Fund
For the Six Months Ending, December 31, 2020

| | CURRENT MONTH | | YEAR TO DATE | |
|--|---------------------|--------------------|-----------------------|-----------------------|
| | FY 2020 | FY 2021 | FY 2020 | FY 2021 |
| Administrative and General Expenses | | | | |
| Advertising | (1,698.00) | (4,217.41) | (2,451.11) | (5,524.56) |
| Administrative Salaries and Expense | (4,540.18) | (6,895.37) | (47,450.07) | (31,548.75) |
| Business Mgr and Accting Salaries and Exp | (3,400.79) | (6,520.63) | (22,534.01) | (30,289.84) |
| MIS Salaries and Expense | (1,827.98) | (4,055.83) | (55,315.07) | (36,010.36) |
| Outside Services | - | - | (13,408.55) | (6,975.00) |
| Property Insurance | (300.67) | (329.08) | (1,803.98) | (1,974.52) |
| Injuries and Damages | (1,412.00) | (1,042.43) | (6,365.96) | (8,258.12) |
| Employee Pensions and Benefits | (45,558.85) | (32,516.41) | (206,871.54) | (233,069.52) |
| Miscellaneous General Expenses | (56.13) | (524.45) | (20,193.20) | (12,709.48) |
| Maintenance of General Plant | (7,436.37) | (1,401.36) | (23,784.65) | (11,693.33) |
| Total Admin & General Expenses | (66,230.97) | (57,502.97) | (400,178.14) | (378,053.48) |
| Net Income (Loss) Before Surplus | | | | |
| Adjustments | \$213,331.35 | \$57,445.03 | (\$810,703.56) | (\$781,636.41) |
| Surplus Adjustments | | | | |
| Additions | | | | |
| | - | - | - | - |
| | - | - | - | - |
| Subtractions | | | | |
| Interest on sinking fund investment | 282.34 | 26.09 | 1,936.89 | 222.11 |
| Payment in Lieu of Taxes | 18,844.00 | 19,126.67 | 113,064.00 | 114,759.98 |
| Plant Removal Costs | 45,530.23 | - | 45,530.23 | - |
| Total Subtractions from Surplus | 64,656.57 | 19,152.76 | 160,531.12 | 114,982.09 |
| Net Income (Loss) | \$148,674.78 | \$38,292.27 | (\$971,234.68) | (\$896,618.50) |

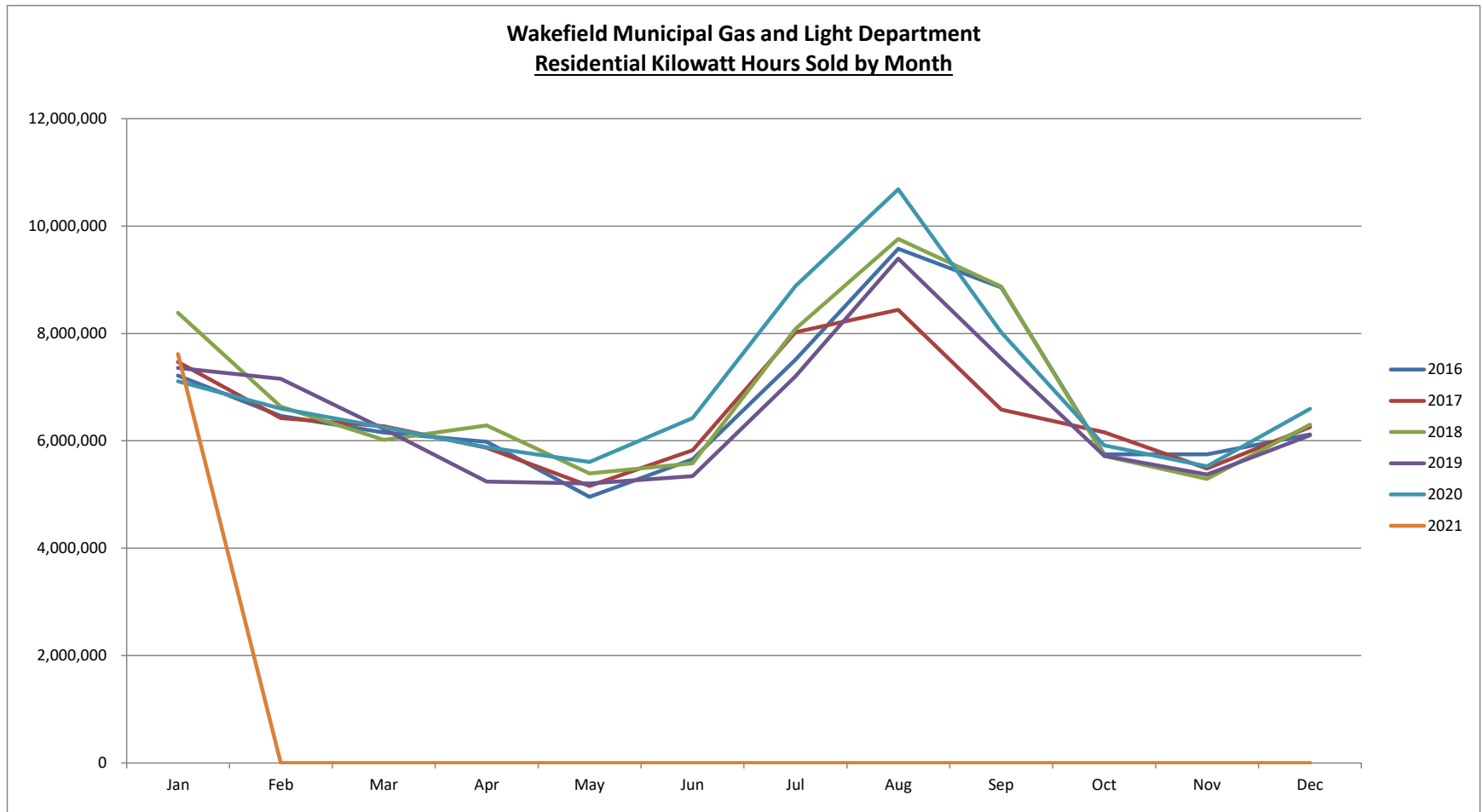
Wakefield Municipal Gas and Light Department
Total Kilowatt Hours Sold by Month

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date Thru Jan | 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 | 18,740,892 | 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 | 16,533,974 | 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 | 16,621,327 | 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 | 17,781,658 | 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 | 15,603,457 | 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 | 14,828,122 | 162,605,090 |
| 2021 | 14,328,289 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,328,289 | 14,328,289 |



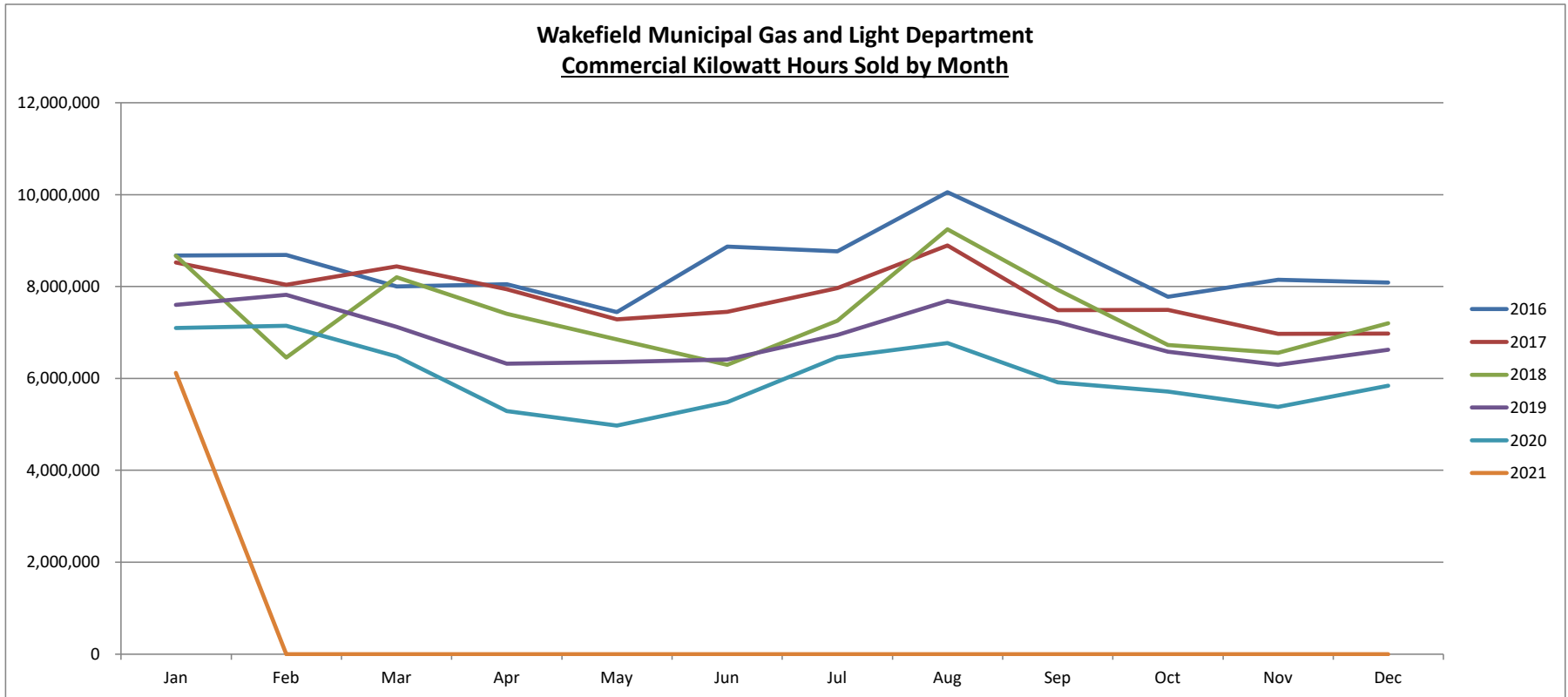
Wakefield Municipal Gas and Light Department
Residential Kilowatt Hours Sold by Month

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date Thru Jan | 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 | 8,178,424 | 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 | 7,213,246 | 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 | 7,467,150 | 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 | 8,381,831 | 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 | 7,355,946 | 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 | 7,106,825 | 83,486,633 |
| 2021 | 7,615,309 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,615,309 | 7,615,309 |



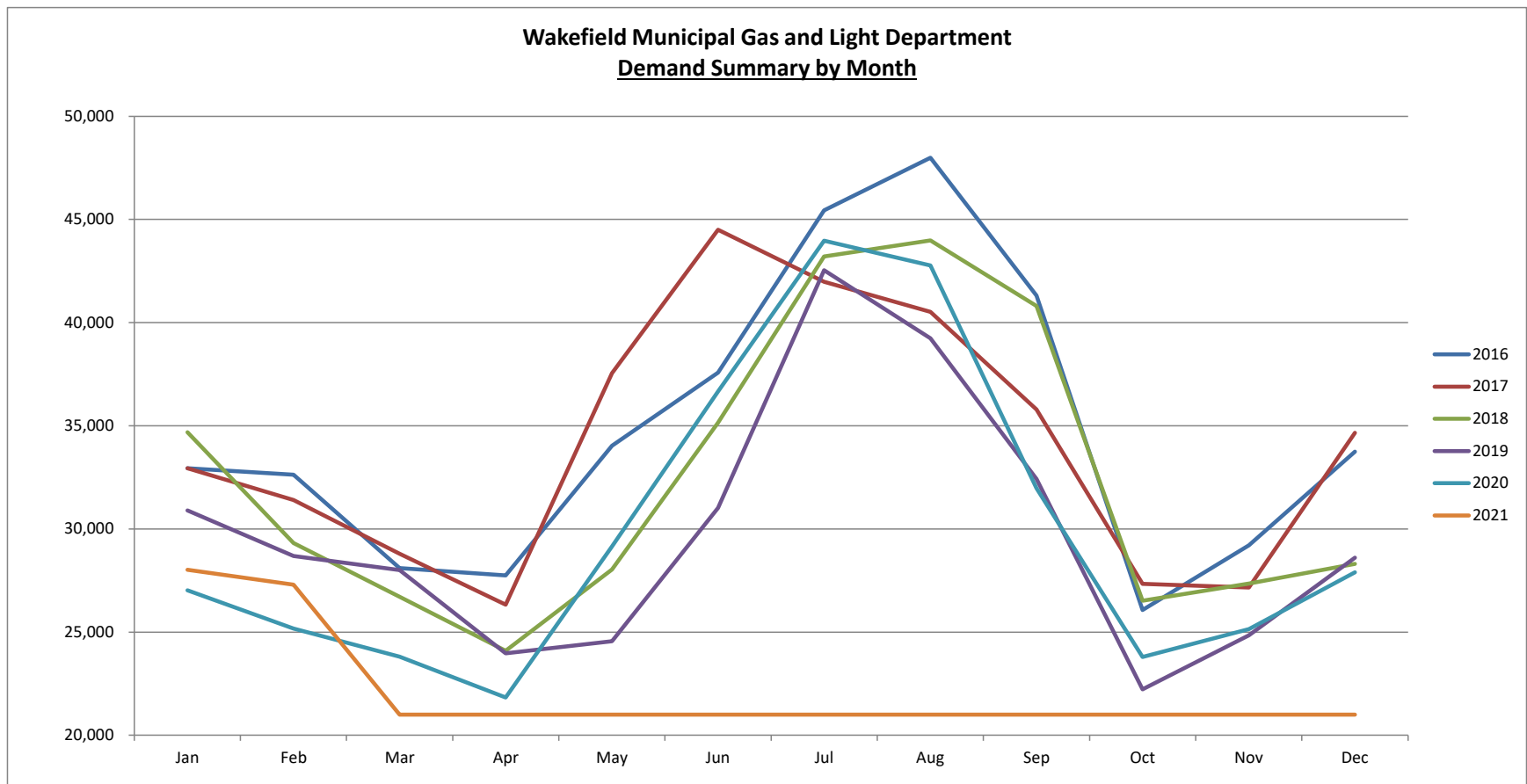
**Wakefield Municipal Gas and Light Department
Commercial Kilowatt Hours Sold by Month**

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date Thru Jan | 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 | 9,967,369 | 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 | 8,673,865 | 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 | 8,523,398 | 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 | 8,672,072 | 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 | 7,598,845 | 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 | 7,099,814 | 72,548,584 |
| 2021 | 6,120,226 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,120,226 | 6,120,226 |



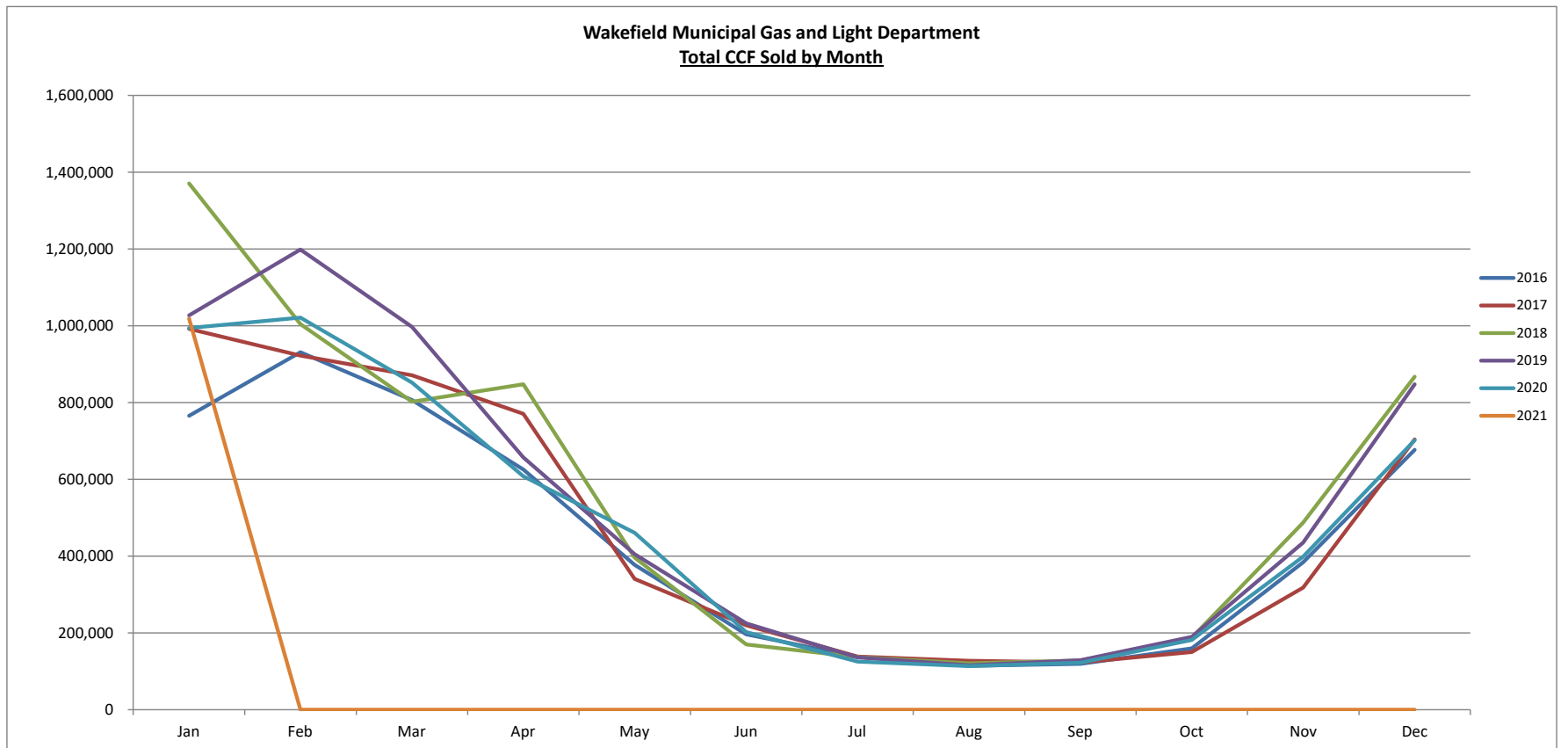
**Wakefield Municipal Gas and Light Department
Demand Summary by Month**

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date Thru Jan | 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 |



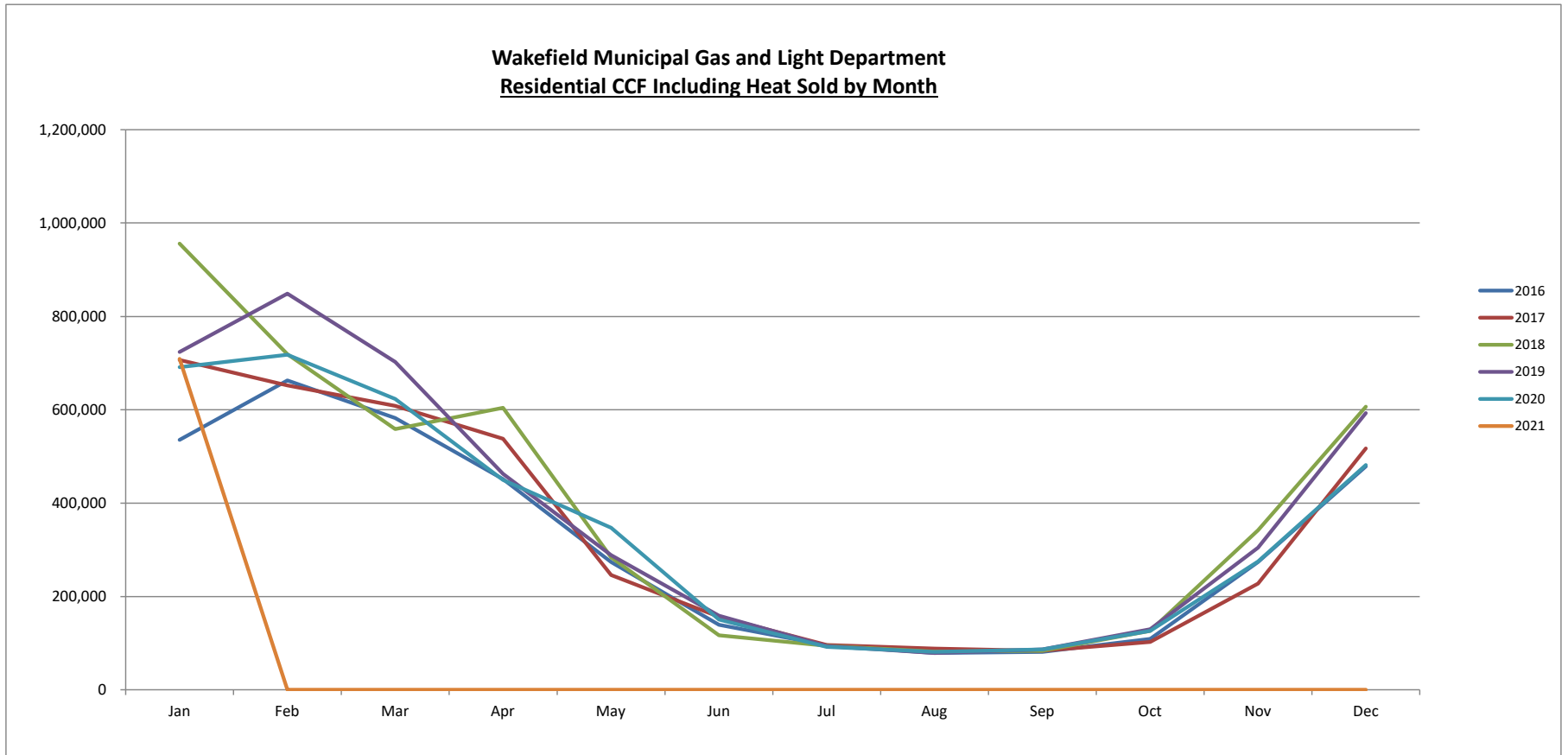
**Wakefield Municipal Gas and Light Department
Total CCF Sold by Month**

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date Thru Jan | 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 | 1,009,763 | 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 | 765,531 | 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 | 992,147 | 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 | 1,370,550 | 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 | 1,027,554 | 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 | 994,568 | 5,783,876 |
| 2021 | 1,018,323 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,018,323 | 1,018,323 |



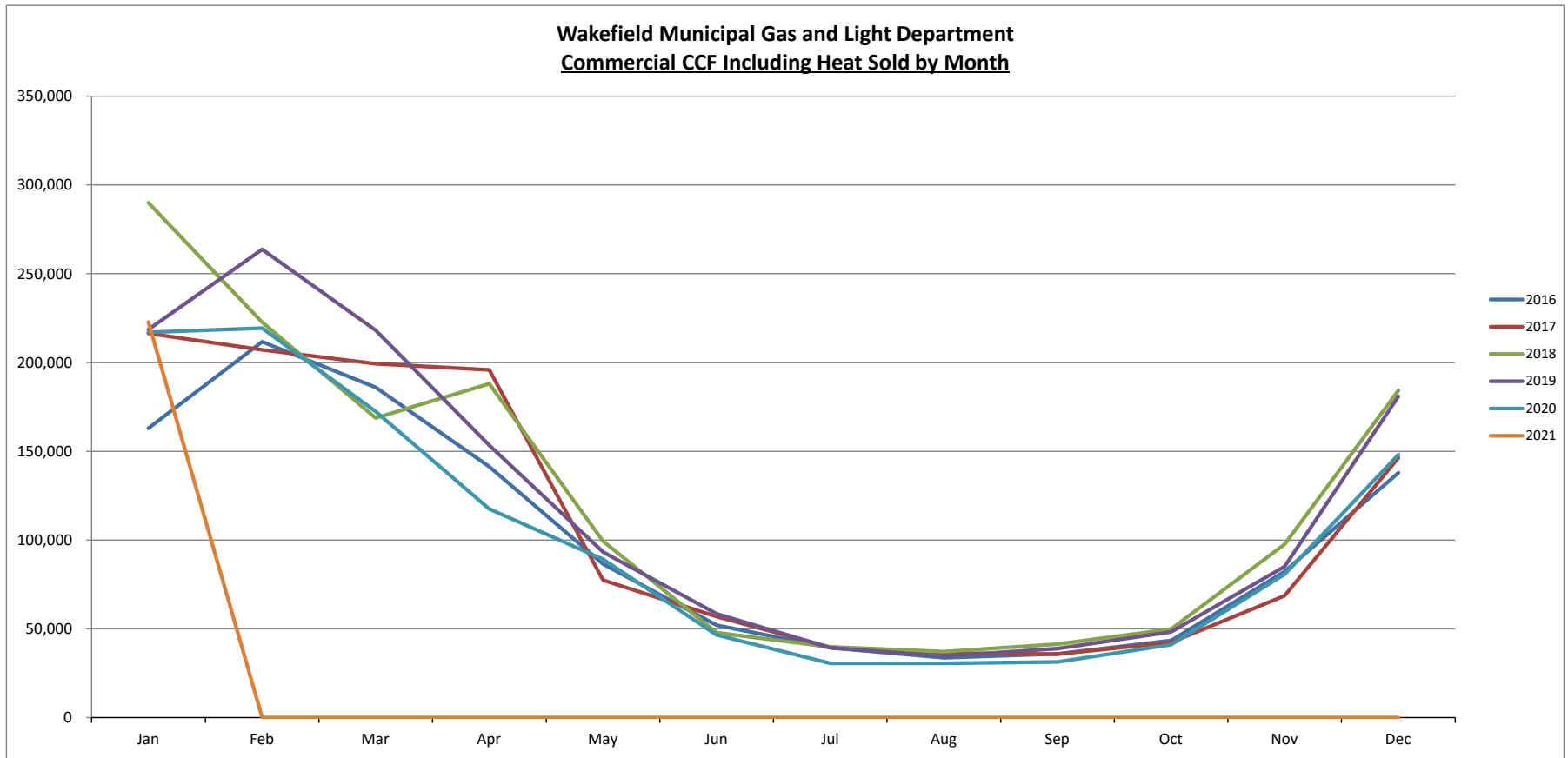
**Wakefield Municipal Gas and Light Department
Residential CCF Including Heat Sold by Month**

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date Thru Jan | 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 | 709,258 | 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 | 535,549 | 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 | 706,641 | 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 | 955,996 | 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 | 723,933 | 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 | 691,648 | 4,125,000 |
| 2021 | 708,777 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 708,777 | 708,777 |



**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 Jan | 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 | 211,670 | 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 | 163,042 | 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 | 216,460 | 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 | 290,000 | 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 | 218,646 | 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 | 217,069 | 1,224,842 |
| 2021 | 222,839 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 222,839 | 222,839 |



Comments

In praise of the ever-greener WMGLD

The town's gas and light company continues to get greener as it increases use of carbon-free energy generation, and deserves praise for the move.

Last week, the WMGLD announced that it is one of six municipal utilities participating in a solar project scheduled to be built in Ludlow by the Massachusetts Municipal Wholesale Electric Company (MMWEC), the publicly owned utility's joint action agency.

The WMGLD will purchase approximately 1 megawatt from the 6.9-megawatt nameplate capacity project planned for the MMWEC property. Joining the WMGLD in the project are five other municipal utility members of MMWEC, including Boylston, Ipswich, Mansfield, Marblehead and Peabody.

The ground-mounted solar project will be built on a 30-acre section of MMWEC's 200-acre property in Ludlow, a site well suited for solar, according to MMWEC. After receiving responses to its request for proposals (RFP), MMWEC is working with EDF Renewables Distributed Solutions, Inc., as the project developer. In addition, MMWEC intends to maximize the use of local subcontractors in the project. Construction will start this summer, and the project is expected to be online by late 2021.

Using its unique statutory financing authority as a political subdivision of the Commonwealth, MMWEC plans to use a local financial institution to issue tax-exempt revenue bonds to finance the project. The project's cost is estimated at \$14.5 million.

The project was developed in alignment with the state's decarbonization goals. It also allows for municipal utilities that may not have ideal locations for projects within their own communities to add more solar to their power portfolios.

"We're excited to be a part of this project that will further increase the amount of carbon-free generation in the WMGLD power portfolio, which is approximately 47.2%," WMGLD General Manager Pete Dion said. "The WMGLD remains committed to continually balance financial responsibility and environmental stewardship in our power supply decisions. This project is a key indication of that commitment."

WMGLD takes part in new solar project

LUDLOW — Continuing its initiative to provide opportunities to increase the carbon-free portion of its Members' power portfolios, the Massachusetts Municipal Wholesale Electric Company (MMWEC), the state's joint action agency for municipal utilities, has announced plans to construct a 7 megawatt (MW) nameplate capacity solar project on its Ludlow campus. Six MMWEC municipal utility Members are participating in the project.

The ground-mounted solar project will be built on a 30-acre section of MMWEC's 200-acre property in Ludlow. The site is well suited for solar. After receiving responses to its request for proposals (RFP), MMWEC is working on a contract with EDF Renewables Distributed Solutions, Inc., as the project developer. In addition, MMWEC intends to maximize the use of local subcontractors in the project. Construction is scheduled to start this summer, and the project is expected to come online by late 2021.

Using its unique statutory financing authority as a political subdivision of the Commonwealth, MMWEC plans to use a local financial institution to issue tax-exempt revenue bonds to finance the project. The project's cost is estimated at \$14.5 million.

The municipal utilities located in Boylston, Ipswich, Mansfield, Marblehead, Peabody and Wakefield are participating in the project.

The project was developed in alignment with the state's decarbonization goals. It also allows for Member municipal utilities that may not have ideal locations for projects within their own communities to add more solar to their power portfolios.

MMWEC CEO Ronald C. DeCurzio said he's excited to offer this project to MMWEC members.

"The site selected on MMWEC's campus represents an ideal location for this type of project," DeCurzio said. "We are happy to be able to provide this opportunity to our Members looking to increase their ownership of carbon-free

and renewable generation. This is yet another example of the ways MMWEC and its Members use their joint action agency capabilities of vertical integration and project ownership to lead the way in incorporating new carbon-free resources, dating back to the 1980s."

MMWEC is a non-profit, public corporation and political subdivision of the Commonwealth of Massachusetts, created by an Act of the General Assembly in 1975 and authorized to issue debt to finance a wide range of energy facilities. MMWEC provides a variety of power supply, financial, risk management and other services to the state's consumer-owned municipal utilities. It has 20 municipal utility members and 28 project participants. As one of 83 public power joint action agencies in the United States, MMWEC uses the strengths of working together, greater efficiency and economies of scale to help its members provide superior service at a low cost.

WMGLD to hold meeting on energy efficiency

WAKEFIELD — The Wakefield Municipal Gas & Light Department (WMGLD) will hold an informational meeting via Zoom platform on Thursday, February 25, 2021 at 7 p.m. to introduce a new energy efficiency program for commercial and industrial customers, and HVAC and electrical contractors. The Massachusetts Municipal Wholesale Electric Company (MMWEC) Green Opportunity (GO) program is designed to help customers and contractors achieve savings through rebates and incentives, while reducing energy consumption.

The GO program offers energy audits to WMGLD commercial and industrial customers to identify areas where energy efficient

improvements can be made, and to understand and choose the best measures to install. The WMGLD will also work with local electrical and HVAC contractors to identify rebates and incentives as part of the program.

The GO program will also help local businesses reduce their energy costs when they, or their contractors, participate in the program and install energy efficient materials, further promoting economic growth

and reducing the impact on the environment.

The meeting will include presentations by WMGLD General Manager Pete Dion and MMWEC Energy Efficiency Program Manager Joe Coles who will explain the program and the benefits to both the customer and the WMGLD. A question and answer session will also be held to allow participants to ask questions. Other WMGLD representatives will participate in the interactive

Zoom meeting and will provide information about various aspects of the program.

"This is a great opportunity for local contractors and WMGLD customers to participate in this unique program to save energy and money for both customers and contractors," WMGLD General Manager Pete Dion said. "This informational session will enable us to not only introduce this program, but provide more customers with the means to participate in energy efficiency

programs through the WMGLD."

Participants are asked to register at <https://zoom.us/meeting/register/tJYv-fu-hrzo0HNGY-myrOyS052gfNOgpzkOM>.

The link will also be available on the WMGLD website, www.WMGLD.com

For information about WMGLD energy efficiency programs, visit the WMGLD website www.wmgld.com.