



MEMORANDUM

OCONOMOWOC UTILITIES

Date: 11/24/2020

To: Mayor

Common Council

City Administrator

From: Diane Coenen, Clerk

Re: Utility Committee

MEMORANDUM

At this time, there are no items for review by the Utility Committee that need to move forward. The usual department reports have been prepared and are attached for your information and review.

OCONOMOWOC UTILITIES - VOLUME STATISTICS

	Current Month				Year To Date			
ELECTRIC	kWh Sold	kWh Sold	Volume Increase	Percent Increase	kWh Sold	kWh Sold	Volume Increase	Percent Increase
	Oct-20	Oct-19	(Decrease)	(Decrease)	Oct-20	Oct-19	(Decrease)	(Decrease)
Residential	5,400,316	5,867,388	(467,072)	-8.0%	67,536,908	63,268,918	4,267,990	6.7%
Commercial	1,682,621	1,739,687	(57,066)	-3.3%	19,518,486	19,944,468	(425,982)	-2.1%
Large Power	10,014,994	9,985,729	29,265	0.3%	101,775,809	104,404,633	(2,628,824)	-2.5%
Public Street/Hwy Ltg.	62,092	63,041	(949)	-1.5%	556,668	565,926	(9,258)	-1.6%
Private Yard Lighting	2,764	4,092	(1,328)	-32.5%	24,702	41,162	(16,460)	-40.0%
Total Electric Sales	17,162,787	17,659,937	(497,150)	-2.8%	189,412,573	188,225,107	1,187,466	0.6%
WATER	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase
	Oct-20	Oct-19	(Decrease)	(Decrease)	Oct-20	Oct-19	(Decrease)	(Decrease)
Residential	26,583	21,584	4,999	23.2%	283,851	236,976	46,875	19.8%
Multi Family	4,791	4,217	574	13.6%	44,932	41,438	3,494	8.4%
Commercial	12,321	11,432	889	7.8%	118,815	120,077	(1,262)	-1.1%
Industrial	3,417	3,032	385	12.7%	32,598	30,487	2,111	6.9%
Total Water Sales	47,112	40,265	6,847	17.0%	480,196	428,978	51,218	11.9%
WASTEWATER	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase
	Oct-20	Oct-19	(Decrease)	(Decrease)	Oct-20	Oct-19	(Decrease)	(Decrease)
Residential	20,264	18,620	1,644	8.8%	214,338	198,187	16,151	8.1%
Commercial A	13,372	12,354	1,018	8.2%	126,000	124,362	1,638	1.3%
Commercial B	870	1,196	(326)	-27.3%	9,866	12,852	(2,986)	-23.2%
Industrial A	2,431	1,852	579	31.3%	21,688	18,628	3,060	16.4%
Industrial B	347	670	(323)	-48.2%	6,569	6,866	(297)	-4.3%
Total Gallons Treated	37,284	35,083	2,201	6.3%	378,461	363,307	15,154	4.2%

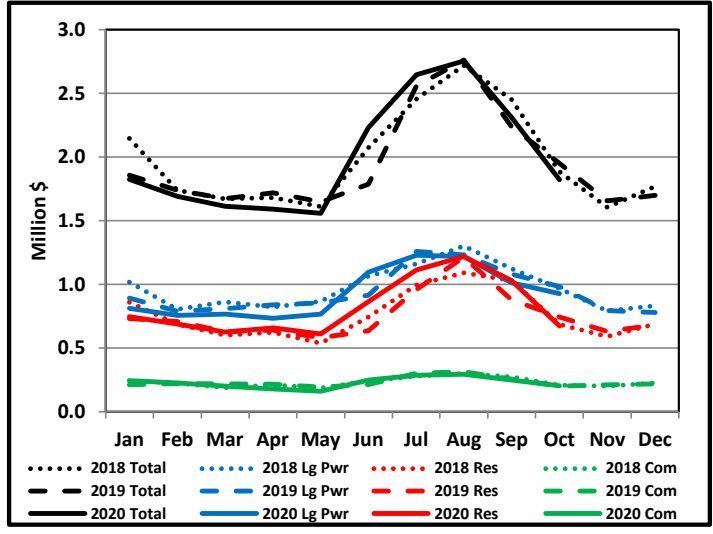
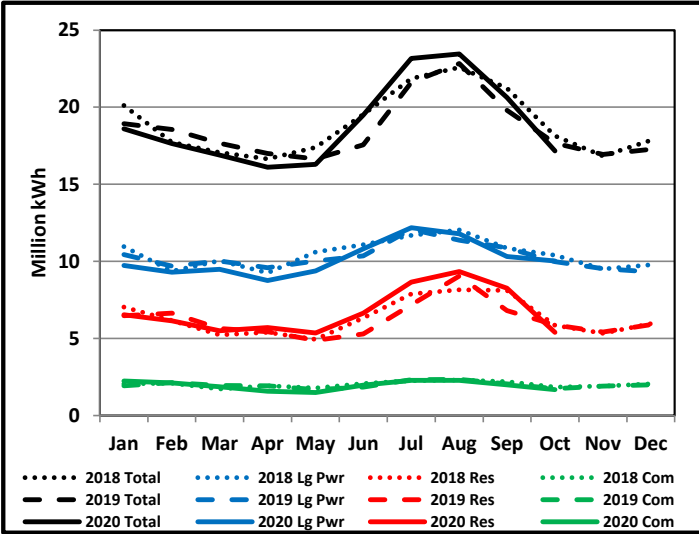
Note: Quantities sold are amounts invoiced during the month. Due to the timing of billing cycles, the amounts may not match consumption during the calendar month.
 Y:\Utility Billing\[Sales for Committee.xlsx]Oct 2020

Oconomowoc Utilities: Monthly Volume & Revenue Summary

Metered Volume Units

Metered Revenue Dollars

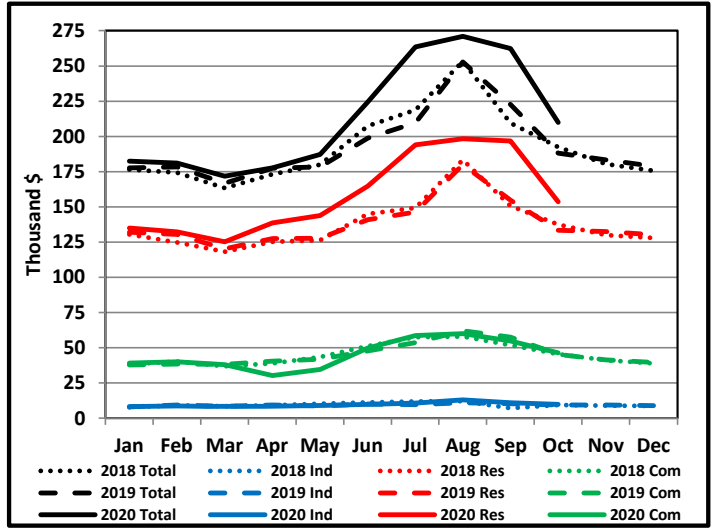
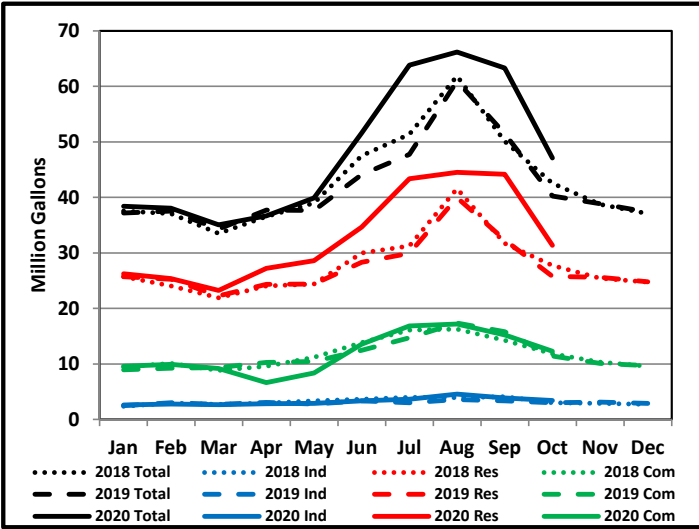
Electric



Note: Charts exclude non-metered revenue (pole attachments, etc.)

Note: Quantities represent amounts invoiced. Due to timing of mid-month billing cycles, line-loss, etc., amounts will differ from volume purchased from WPPI.

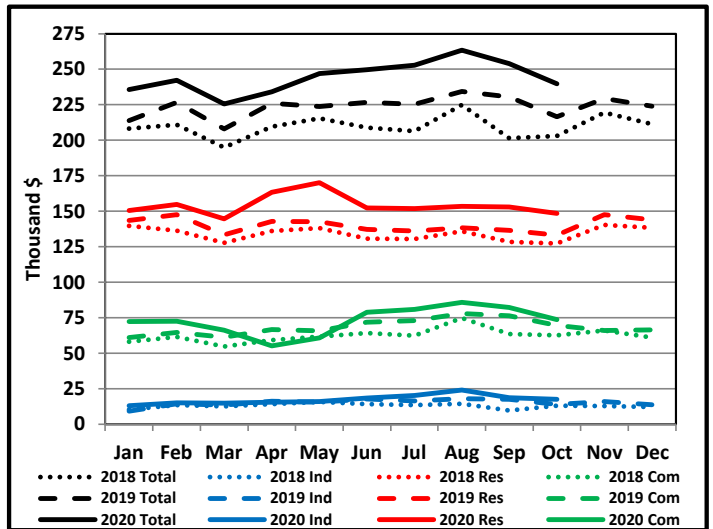
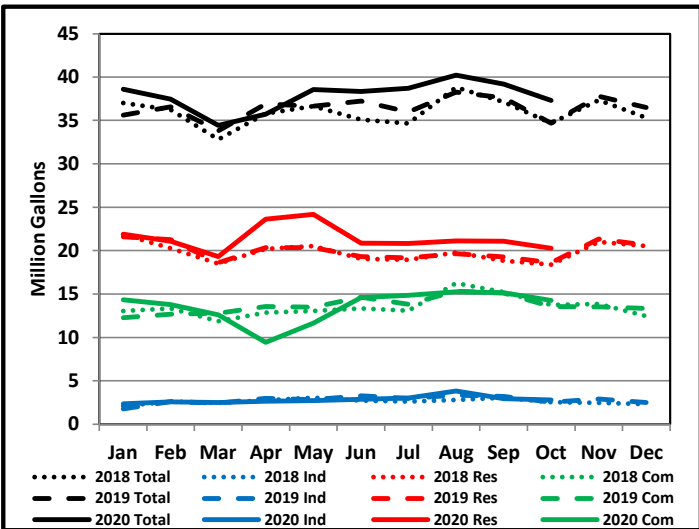
Water



Note: Charts exclude non-metered revenue (fire protection, etc.)

Note: Quantities represent amounts invoiced. Due to timing of mid-month billing cycles, main-breaks, etc., amounts will differ from volume pumped at well sites.

Wastewater



Note: Charts exclude adjoining sanitary districts and non-metered revenue (septic disposal, etc.)

Note: Quantities represent amounts invoiced. Due to timing of mid-month billing cycles, external sanitary districts, rain-seepage, etc., amounts will differ from volume received at treatment facility.

COMMITTEE REPORT – November 2020
Utility Billing

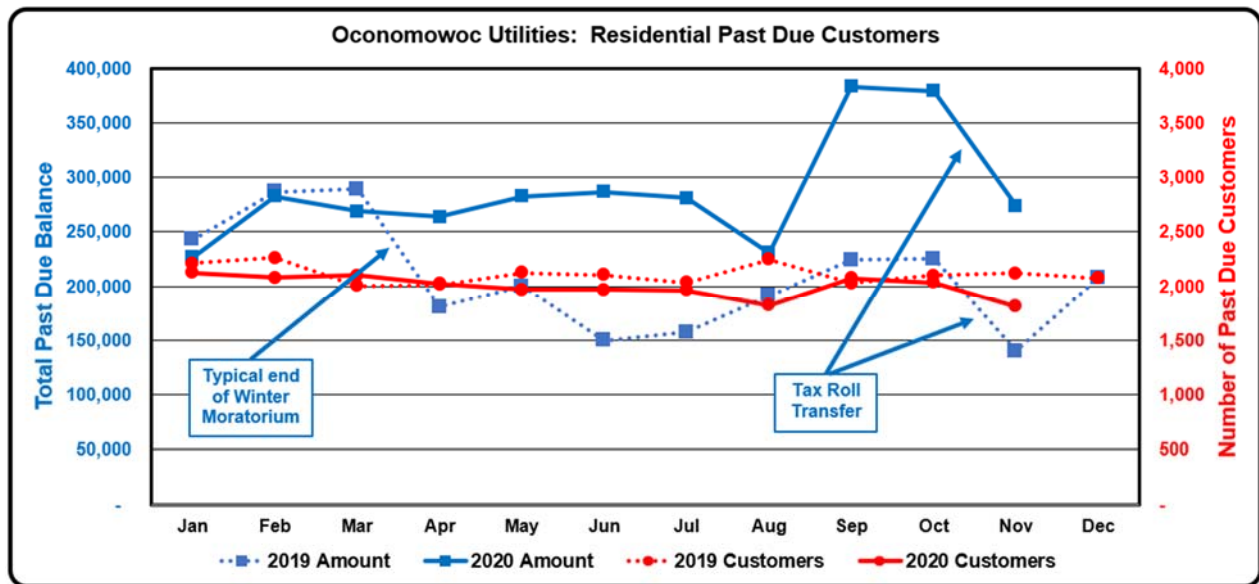


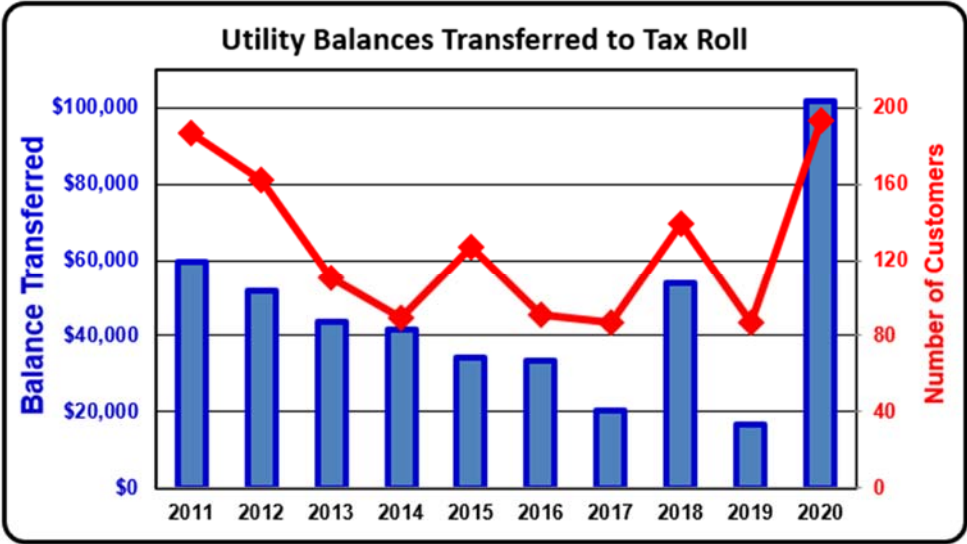
COVID-19 Impact: Delinquent Customers – The PSC did not allow us to disconnect residential customers for non-payment this year. This will at a minimum extend through the annual winter disconnection moratorium which ends April 15th. As a result, the amount of past due balances has been consistently higher than the prior year.

The PSC moratorium did not prevent us from utilizing the annual tax roll process that provides the utilities with some financial protection. All customers (business and residential) with a past due balance as of October 1st and remaining past due as of November 15th is being transferred to the property tax roll of the parcel owner. A 10% penalty is added to the amount transferred. Letters were mailed on October 15th for 711 customer accounts. To keep property owners (which may be differ from the utility customer) aware of this potential liability, a notification letter was also sent to them, in addition to the monthly notices they receive.

Fortunately, many customers did make payments to reduce their past due balances as noted in the first chart below. However, the amount transferred to the tax roll was \$101,801.23 from 193 utility customers. Both are significant increases compared to our prior history as shown in the second chart.

John Schuh, CPA,
 Utility Accounting Manager





COMMITTEE REPORT – November 2020
Electric Utility



The following **projects** have been completed by November 16, 2020

- Collins St Parking Lot reconstruction
- New service at Venture Space Commercial Condos on Capital Dr.
- Wisconsin Avenue Substation batteries and charger have been removed.

Services:

- Crews completed 7 new service tickets.
- Customer calls: (*tickets that are not planned and affect scheduled work.*) 7, to include DC/RC, miscellaneous problems, service relocates, trouble calls that are not OMU's
- Crews were called out for one underground secondary break

Training: November 19, training on the VON locating unit

Street Light Tickets: 0

Traffic control lights:

- Nothing new to report

Major projects that have been started:

- Cable termination in West Industrial area
- Tear down old overhead lines on Forest St. and install new street lights in Roosevelt Park

GIS/Outage Management Update:

General:

- City-wide GIS map has been created. Oconomowoc layers include options for Economic Development, Parks/Rec/Forestry, Streets and Signs, Electric and Water Utilities, Sanitary Utilities and Storm Water Utilities. Data from R&M has been fully migrated into the Oconomowoc system.

Water Dept:

- Interactive Valve Turning map is in works (similar to 811 and Hydrant flushing)
- Custom filters have been created to improve search fields
- Dashboards are being discussed for certain metrics; this is a work in progress

Electric Dept:

- Go Live date of January 18 has been set for new engineering/staking software. There will be a transitional period where new and old software will be used in parallel to ensure accounting is accurate for jobs that are incomplete at time of cut over.
- Building task lists within Elements

Fleet and Facilities:

- Training for Fleet crews mid-December in preparation for full cut over as of January 1, 2021

Parks Dept:

- Tree base map has been completed and crews are able to actively update it as work is being done (planting, removals, etc)
- A layer for pruning has been built to track status based on age and last prune and prune type, symbology has been color coded for “at a glance” identification by map view
- Additional attributes have been added and dashboards are in works based on specific metrics (Total trees, break down by genus & species, memorial identification, etc necessary for reporting and planning)

Public Works Dept:

- Basemaps are in place, building Collector maps and inspection forms to give staff the ability to update information as needed

Economic Development, Zoning and Planning

- Development of maps in progress, Symbiont is working with City staff to identify priorities



COMMITTEE REPORT- November - 2020

Water Utility

The following are updates for ongoing projects:

- Well 8 Pumping Station – engineering design and bid services (Strand Assoc)
 - Well Site Investigation Report = Approved
 - Priority Evaluation and Ranking Form (PERF) submitted to WDNR to check if eligible for Safe Drinking Water Loan (SDWL) Program benefits
- Powerhouse Building
 - Roof replacement – Masonry work complete, roofing contractor to start 11/16
- GIS Conversion – Water
 - Converted R/M Water distribution map is now usable in new GIS
 - Continue using Asset Management (Elements XS) for all maintenance tasks
 - Valve Turning tasks being developed in Elements and ESRI
- Street Project
 - Continue follow-up investigative lead samples for lead lateral homes on Forest and Elizabeth Streets post partial lead lateral replacements

Customer Interactions:

- 8 new meters were installed and 2 meter issues were addressed

Training:

- MEUW – Continue monthly topics with Jeff H.
- Wachs Valve Trailer – GPS module
- GIS – Elements XS Asset Management
 - Future repair tasks
 - Reoccurring tasks

Specialty Work:

- Fall hydrant flushing = complete.
 - 823 hydrants inspected/flowed (19.79 MG water loss)

Respectfully submitted:

Scott Osborn P.E.

Water Superintendent

Wastewater Operations Summary

November 2020

Precipitation for October 2020 was 2.63" and as of November 16, 2020 we had .56". The influent flow average for October was 2.29 MGD. The average flow for November is 2.32 MGD.

Permit parameters for October are as follows:

Parameter	Influent	Effluent	Permit Limits	% Reduction
BOD - mg/l	244	1.6	15	99.3%
TSS - mg/l	239	0.8	15	99.6%
Phos. - mg/l	6.02	.53	0.95	91.0%
E-coli	X	X	126#/100ml	X
Amm. N - mg/l	26.8	..09	N/A	99.9

Biosolids Hauling for the year is complete.

Biosolids: Land Application Management Plan is complete and approved by the WDNR on November 16, 2020. This was a requirement of the new WPDES permit.

Sanitary Collection Cleaning for the year is complete.

Digester Cover Replacement engineering: digester costs and schedule is complete; drawings and specifications will now commence.