



MEMORANDUM

CLERKS

Date: April 13, 2022

To: Mayor
Common Council
City Administrator

From: Diane Coenen, Clerk

Re: Utility Committee

MEMORANDUM

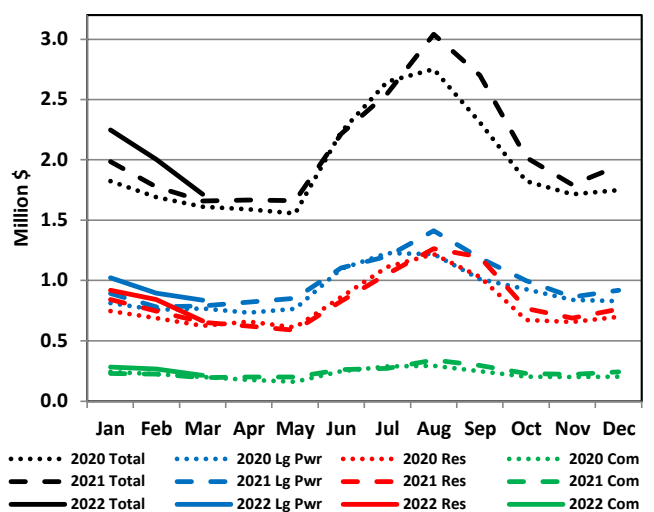
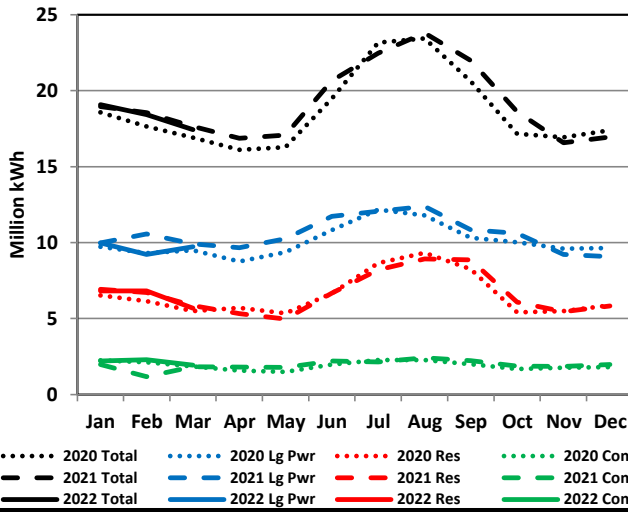
At this time, there are no items for review by the Utility Committee that need to move forward. The usual department reports have been prepared and are attached for your information and review.

Oconomowoc Utilities: Monthly Volume & Revenue Summary

Metered Volume Units

Metered Revenue Dollars

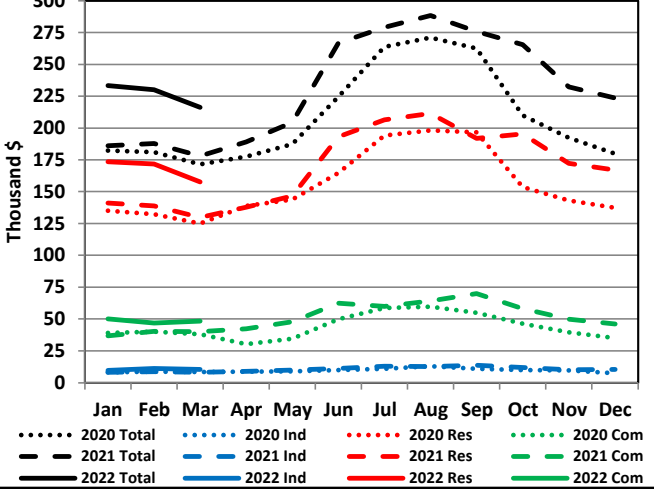
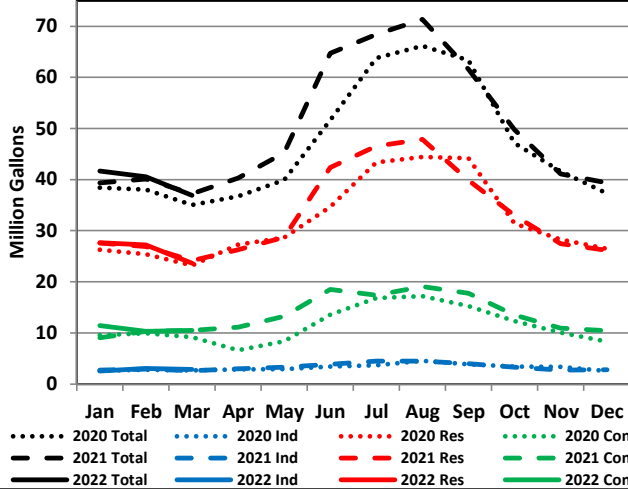
Electric



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.

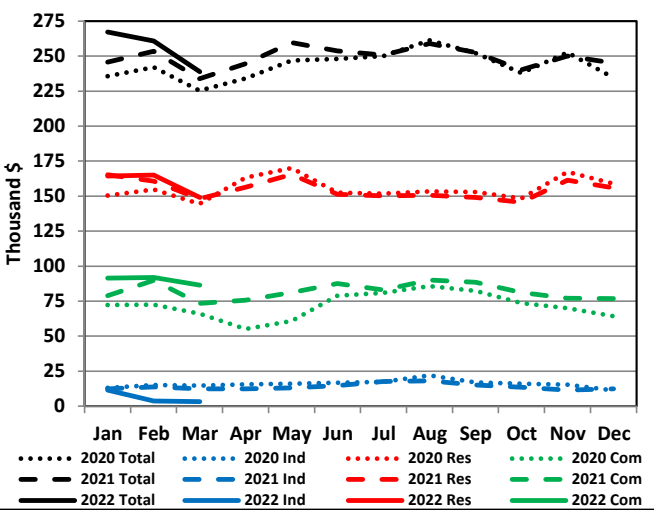
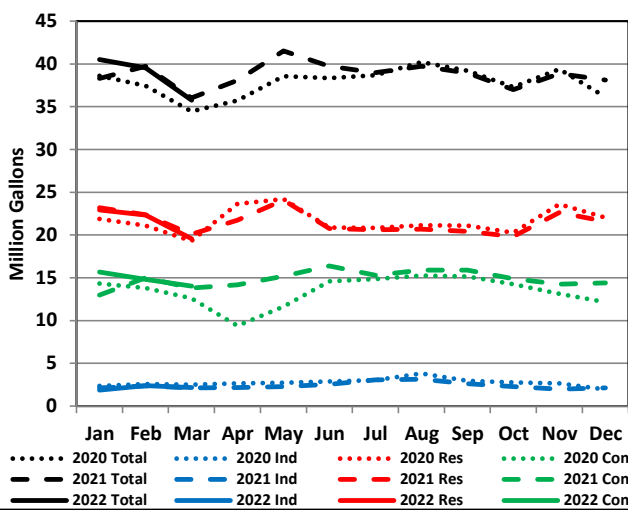
Water



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.)

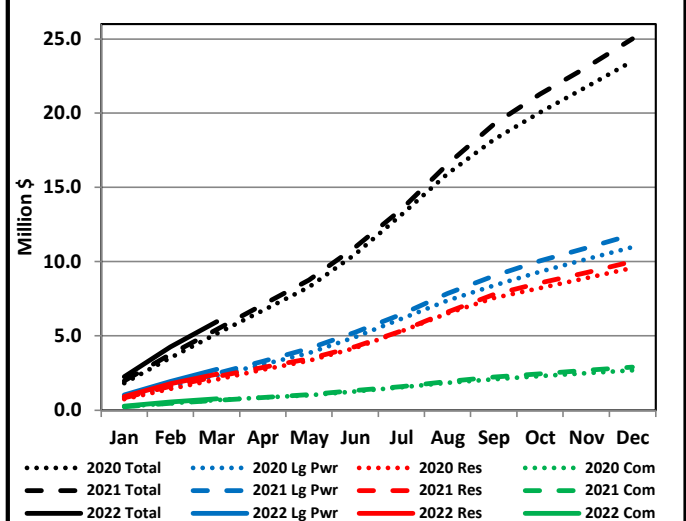
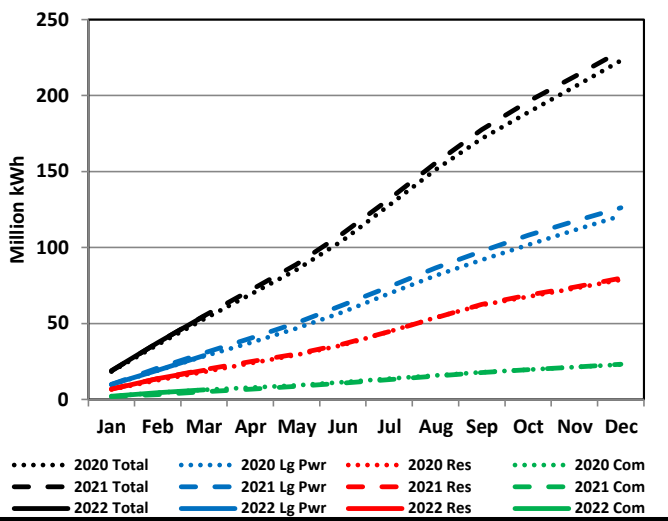
Note: Quantities represent amounts invoiced. Due to timing of mid-month billing cycles, external sanitary districts, rain-seepage, etc., amounts will differ from volume received at treatment facility

Oconomowoc Utilities: YTD Volume & Revenue Summary

Metered Volume Units

Metered Revenue Dollars

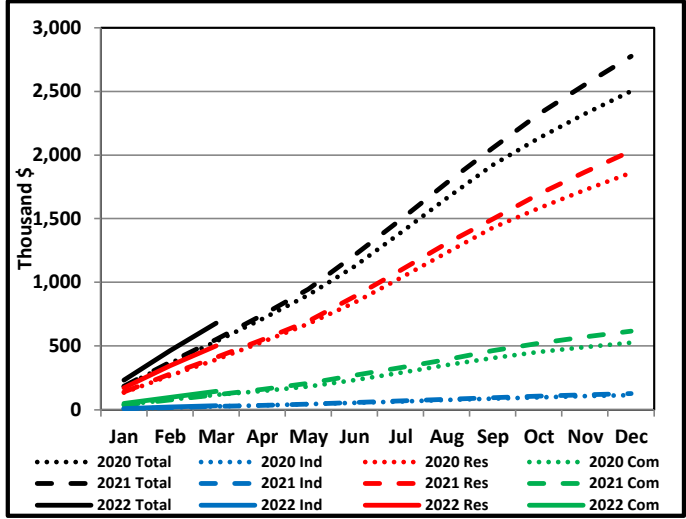
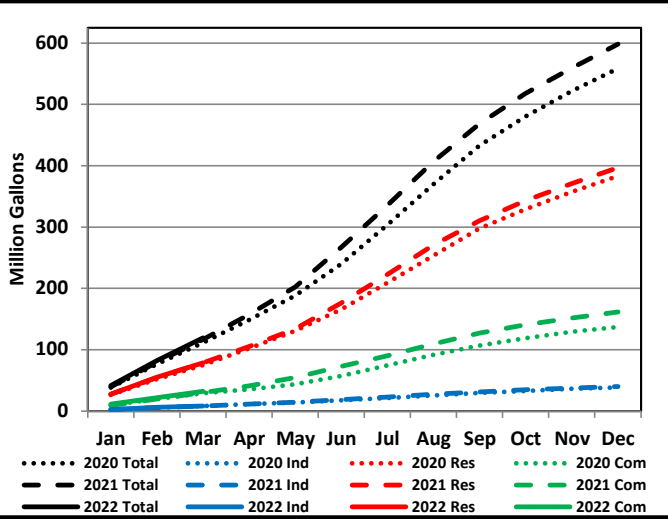
Electric



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.

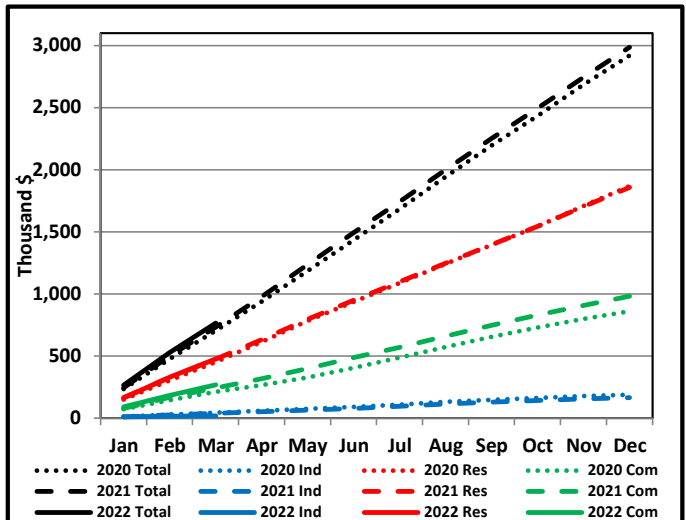
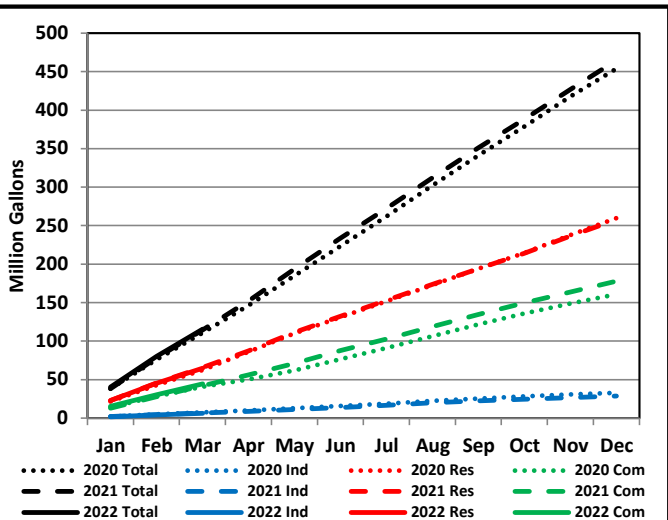
Water



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.

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
	Mar-22	Mar-21	(Decrease)	(Decrease)	Mar-22	Mar-21	(Decrease)	(Decrease)
Residential	5,698,207	5,849,326	(151,119)	-2.6%	19,335,071	19,497,074	(162,003)	-0.8%
Commercial	1,944,518	1,828,495	116,023	6.3%	6,448,067	5,946,295	501,772	8.4%
Large Power	9,736,349	9,908,575	(172,226)	-1.7%	28,959,127	29,498,299	(539,172)	-1.8%
Public Street/Hwy Ltg.	54,787	56,310	(1,523)	-2.7%	197,653	202,064	(4,411)	-2.2%
Private Yard Lighting	2,533	2,588	(55)	-2.1%	9,084	9,101	(17)	-0.2%
Total Electric Sales	17,436,394	17,645,294	(208,900)	-1.2%	54,949,002	55,152,833	(203,831)	-0.4%
WATER	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase
	Mar-22	Mar-21	(Decrease)	(Decrease)	Mar-22	Mar-21	(Decrease)	(Decrease)
Residential	19,598	20,148	(550)	-2.7%	65,015	65,846	(831)	-1.3%
Multi Family	4,067	3,993	74	1.9%	13,507	12,795	712	5.6%
Commercial	9,670	10,501	(831)	-7.9%	29,850	29,877	(27)	-0.1%
Industrial	2,824	2,624	200	7.6%	8,430	8,202	228	2.8%
Public Auth/Muni	802	0	802	0.0%	1,673	0	1,673	0.0%
Total Water Sales	36,961	37,266	(305)	-0.8%	118,475	116,720	1,755	1.5%
WASTEWATER	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume Increase	Percent Increase
	Mar-22	Mar-21	(Decrease)	(Decrease)	Mar-22	Mar-21	(Decrease)	(Decrease)
Residential	19,566	20,088	(522)	-2.6%	64,836	65,652	(816)	-1.2%
Commercial A	13,010	12,782	228	1.8%	41,735	38,671	3,064	7.9%
Commercial B	1,026	1,036	(10)	-1.0%	2,781	3,127	(346)	-11.1%
Industrial A	1,664	1,762	(98)	-5.6%	4,909	5,554	(645)	-11.6%
Industrial B	514	380	134	35.3%	1,569	1,085	484	44.6%
Total Gallons Treated	35,780	36,048	(268)	-0.7%	115,830	114,089	1,741	1.5%

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.

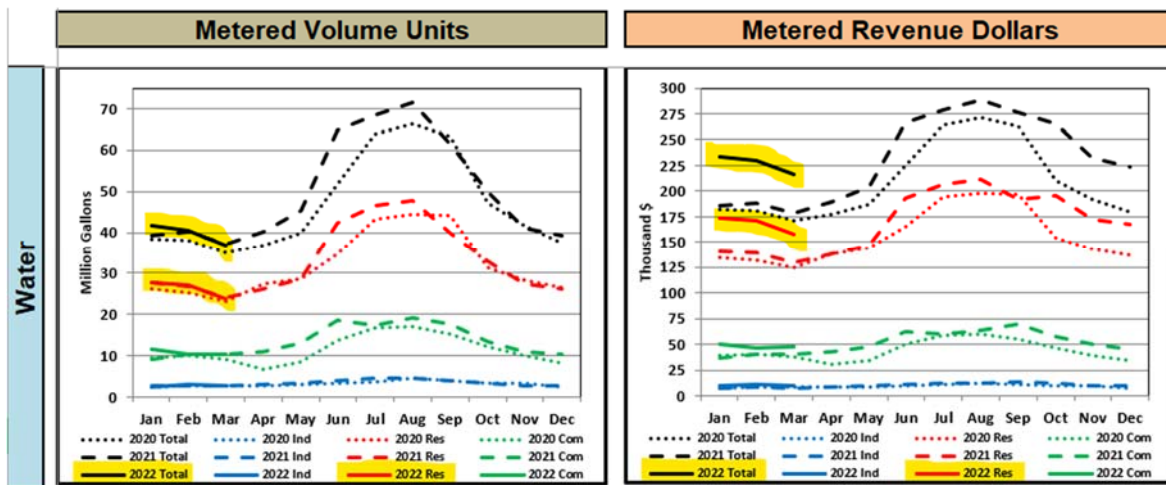
Y:\Utility Billing\Committee\Sales Table for Committee 2022.xlsx\Mar 2022

COMMITTEE REPORT – April 2022
Utility Billing



Winter Disconnection Moratorium – Every year, the Public Service Commission does not permit us to disconnect residential customers during the winter (Nov 1 – Apr 15), if the disconnection would interrupt their source of heat. In early April, disconnection notice letters were mailed to 242 customers. Customers that do not make payments or acceptable payment arrangements will receive an automated voice message on April 18 regarding their upcoming disconnection. Utility staff will begin disconnections starting on Wednesday, April 20th.

Water Sales Revenue – Highlighting an item of interest from the charts on the prior pages; The water charts appear to show an increase in sales revenue (right chart), without a corresponding increase in gallons sold (left chart). The variance is due to the new water rates that became effective in late 2021.



John Schuh, CPA
 Utility Accounting Manager

COMMITTEE REPORT – April 2022
Electric Utility



Projects that have been completed by April 11, 2022

- PSC Inspections
- Northeast Feeder Installed
- Pabst Farm Apartments, 2 Units
- Olympia Apartments, 2 Units

Services:

- New Services: 9
- Customer calls: 6 service calls
- Street Light tickets: 10 locations including a street light pole and bollard hit on March 31st at 131 N. Main St.

Traffic Control Lights:

- Nothing New

Substations:

- Negative DC fault on Cooney Transformer 8 circuit switcher has been repaired and is back online

Training:

- Apprentice School – Magnussen and Will
- MEUW Leadership Workshop - Tremaine

Major projects that have been started, are in works:

- Feeder cable replacement on Lisbon Road and N. Lapham St – 70's Vintage
- Energizing additional units at Pabst Farms and Olympia Apartments
- Temporary 3 phase services for Arrowood Subdivision for de-watering to install sewer
- Overhead to Underground projects: South Beach Road and Juneau Ave
- Replacement of aged utility poles
- PSC required periodic testing of self-contained three phase meters



COMMITTEE REPORT- April - 2022

Water Utility

The following are updates for ongoing projects:

- Well 8 - Drilling
 - Test well is finished to depth of 250+ feet, screen installed
 - Test well “development” followed by test pumping and water samples
- Well 8 Pumping Station - Design
 - Final Utility comments incorporated
 - Elevation views revised
 - Preparing for May Architectural Committee meeting

Customer Interactions:

- 16 new water meters were installed, and we had 4 water quality complaints

Training:

- MEUW – Continue monthly topics
- WRWA – LSL program webinar - panel discussion on lessons learned in field
- AWWA – LSL program webinar - funding sources available
- HACH – Manufactures rep visited to troubleshoot existing equipment

Specialty Work:

- Private Lead Service Line (LSL) Replacement Program
 - City awarded \$600,000 WDNR grant funding for private side replacements
 - Resident receiving quotes from pre-qual contractors and scheduling LSL replacements
 - Utility performing inspections and meter installs
 - Use of ARPA funds to supplement Utility budget for public side work

- GIS – LSL Inventory and Dashboard
 - Water service line material inventory and confirmation process
 - Self-Identification app for public introduced
 - Site visit appointment to confirm water service line material

Respectfully submitted:

Scott Osborn P.E.

Water Superintendent

Wastewater Operations Summary

April 2022

Precipitation in March was 3.51" and through April 11th we had .1.44". The influent flow for March 2022 was 2.260 MGD and through April 11th was 2.886 MGD.

Permit parameters for March are as follows:

Parameter	Influent	Effluent	Permit Limits	% Reduction
BOD - mg/l	250	2.67	15	98.91%
TSS - mg/l	297	1.29	15	99.4%
Phos. - mg/l	5.25	.50	0.60	89.4%
E-coli	X	X	126#/100ml	X
Amm. N - mg/l	23.19	1.34	N/A	94.80%
Chlorides	X	472	Variance	X

Our Team evaluated the plant data from our most recent Whole Effluent Toxicity test failure and haven't found any variable that stand out as to why we would have failed except possible Chlorides. Chlorides at our effluent concentrations aren't supposed to be toxic but are above permit and water quality limits. We have a Chloride variance due to the chlorides leaving the plant being above 429 mg/L chronic limit

During the week of March 28th – April 1, we ran our retest of the Whole Effluent Toxicity test (WET Test). This test checks to see if anything in our effluent is toxic to either fish or invertebrates. The test passed and we will be running our second retest the week of April 18, 2022.

Due to lack of equipment deliveries our Primary digester cover project is still at the first stage of construction. The hope of the contractor is to mobilize the end of April.