



MEMORANDUM

CLERKS

Date: March 10, 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 - VOLUME STATISTICS

	Current Month				Year To Date			
ELECTRIC	kWh Sold	kWh Sold	Volume	Percent	kWh Sold	kWh Sold	Volume	Percent
	Feb-22	Feb-21	Increase (Decrease)	Increase (Decrease)	Feb-22	Feb-21	Increase (Decrease)	Increase (Decrease)
Residential	6,812,958	6,715,876	97,082	1.4%	13,636,864	13,647,748	(10,884)	-0.1%
Commercial	2,299,073	2,145,709	153,364	7.1%	4,503,549	4,117,800	385,749	9.4%
Large Power	9,236,256	9,612,006	(375,750)	-3.9%	19,222,778	19,589,724	(366,946)	-1.9%
Public Street/Hwy Ltg.	69,171	71,855	(2,684)	-3.7%	142,866	145,754	(2,888)	-2.0%
Private Yard Lighting	3,194	3,260	(66)	-2.0%	6,551	6,513	38	0.6%
Total Electric Sales	18,420,652	18,548,706	(128,054)	-0.7%	37,512,608	37,507,539	5,069	0.0%
WATER	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume	Percent	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume	Percent
	Feb-22	Feb-21	Increase (Decrease)	Increase (Decrease)	Feb-22	Feb-21	Increase (Decrease)	Increase (Decrease)
Residential	22,418	22,449	(31)	-0.1%	45,417	45,698	(281)	-0.6%
Multi Family	4,754	4,460	294	6.6%	9,440	8,802	638	7.2%
Commercial	9,454	10,318	(864)	-8.4%	20,180	19,376	804	4.1%
Industrial	3,046	2,891	155	5.4%	5,606	5,578	28	0.5%
Public Auth/Muni	871	0	871	0.0%	1,574	0	1,574	0.0%
Total Water Sales	40,543	40,118	425	1.1%	82,217	79,454	2,763	3.5%
WASTEWATER	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume	Percent	Gallons Sold (Thousands)	Gallons Sold (Thousands)	Volume	Percent
	Feb-22	Feb-21	Increase (Decrease)	Increase (Decrease)	Feb-22	Feb-21	Increase (Decrease)	Increase (Decrease)
Residential	22,314	22,374	(60)	-0.3%	45,270	45,564	(294)	-0.6%
Commercial A	14,586	13,908	678	4.9%	28,725	25,889	2,836	11.0%
Commercial B	222	1,091	(869)	-79.7%	1,755	2,091	(336)	-16.1%
Industrial A	1,834	1,896	(62)	-3.3%	3,245	3,792	(547)	-14.4%
Industrial B	561	453	108	23.8%	1,055	705	350	49.6%
Total Gallons Treated	39,517	39,722	(205)	-0.5%	80,050	78,041	2,009	2.6%

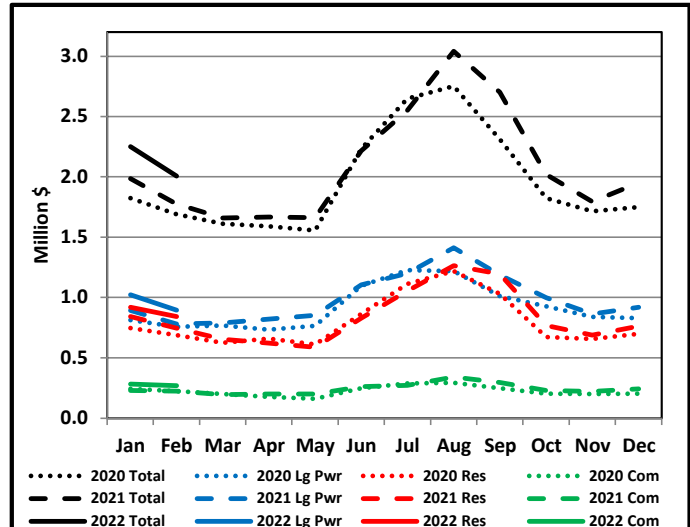
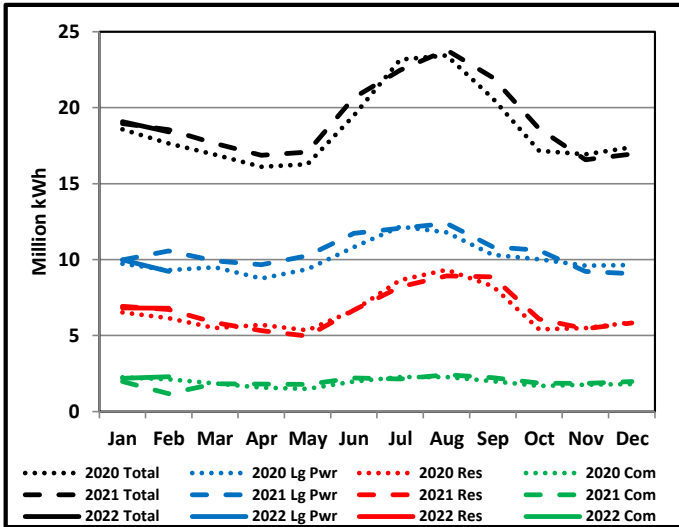
Note: Quantities sold are amounts invoiced during the month. Due to the timing of billing cycles, the amounts may not match consumption during the calendar month.
Y:\Utility Billing\Committee\Sales for Committee 2021.xlsx\Feb 2022

Oconomowoc Utilities: Monthly Volume & Revenue Summary

Metered Volume Units

Metered Revenue Dollars

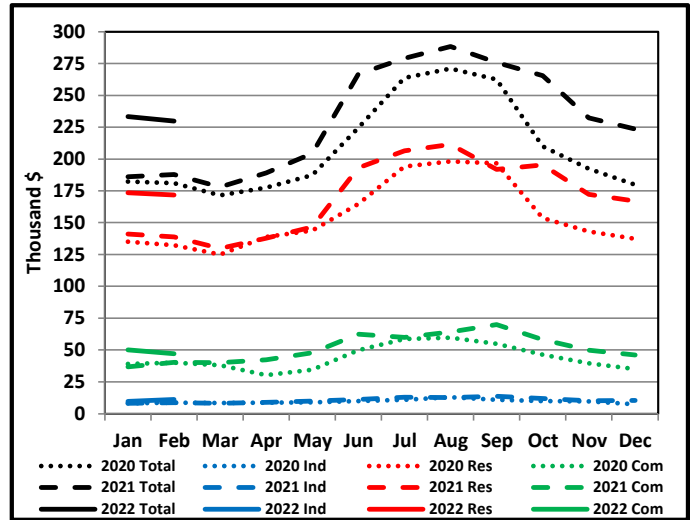
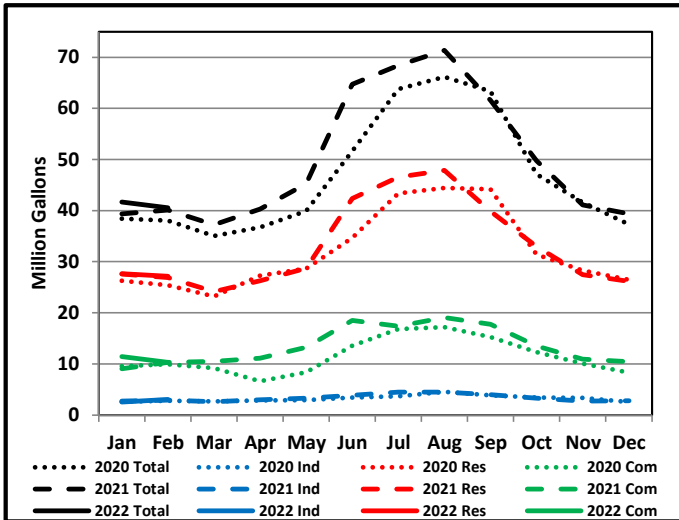
Electric



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.

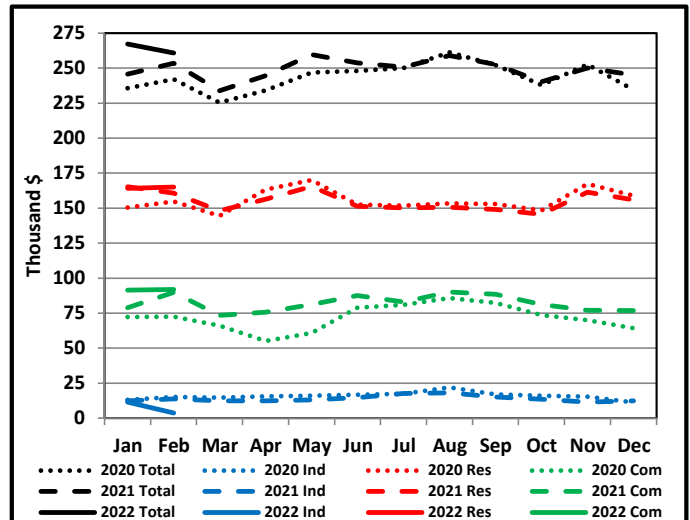
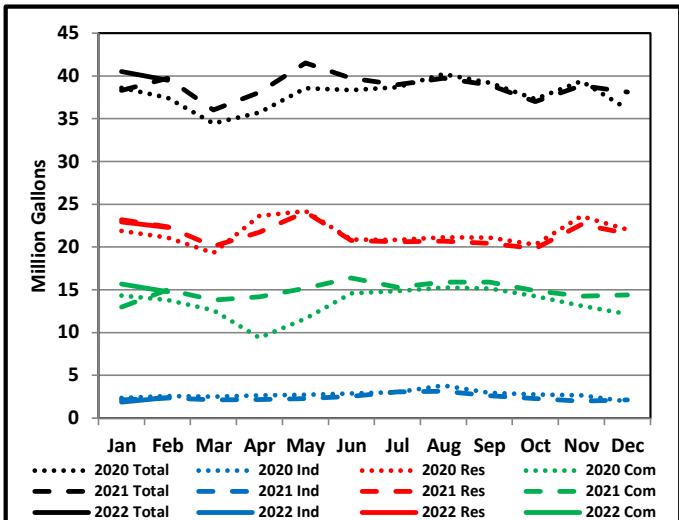
Water



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.)

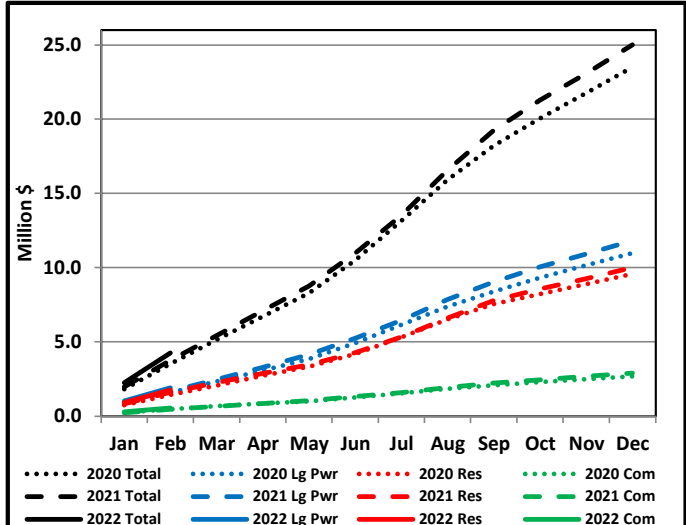
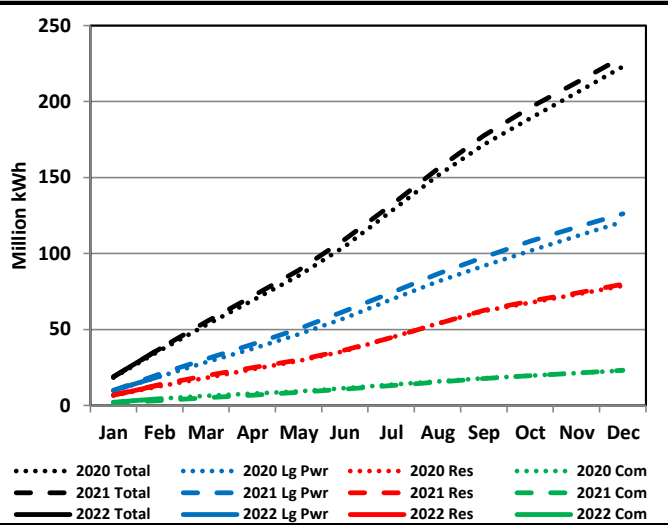
Note: Quantities represent amounts invoiced. Due to timing of mid-month billing cycles, external sanitary districts, rain-seepage, etc., amounts will differ from volume received at treatment facility

Oconomowoc Utilities: YTD Volume & Revenue Summary

Metered Volume Units

Metered Revenue Dollars

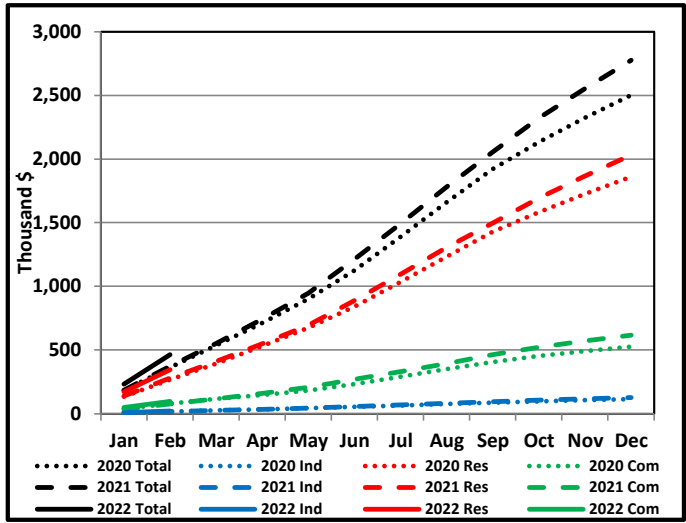
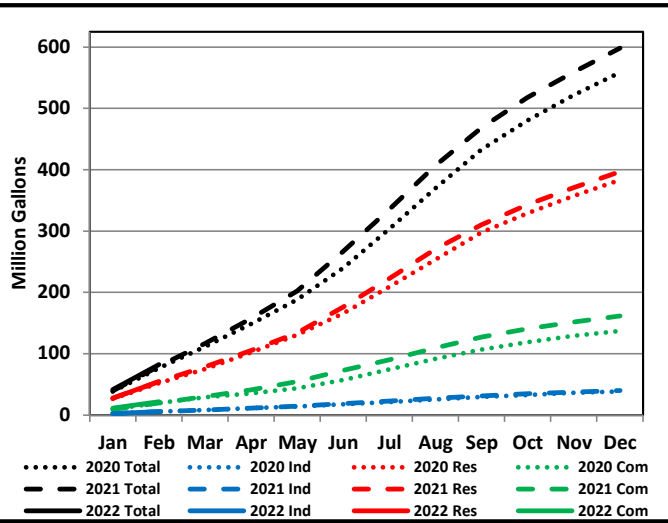
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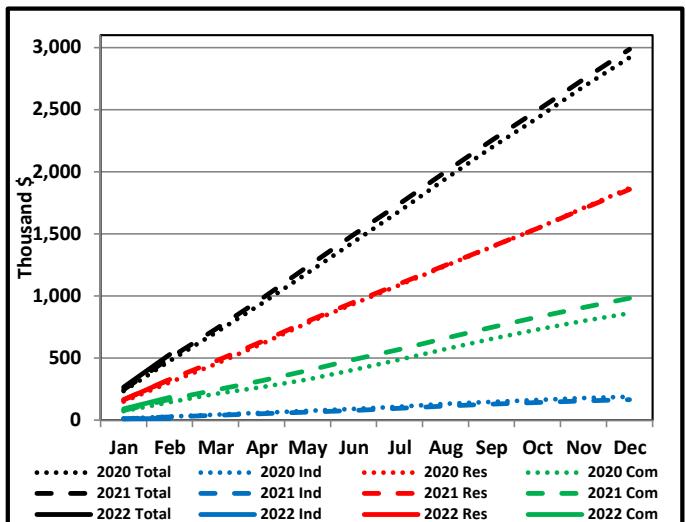
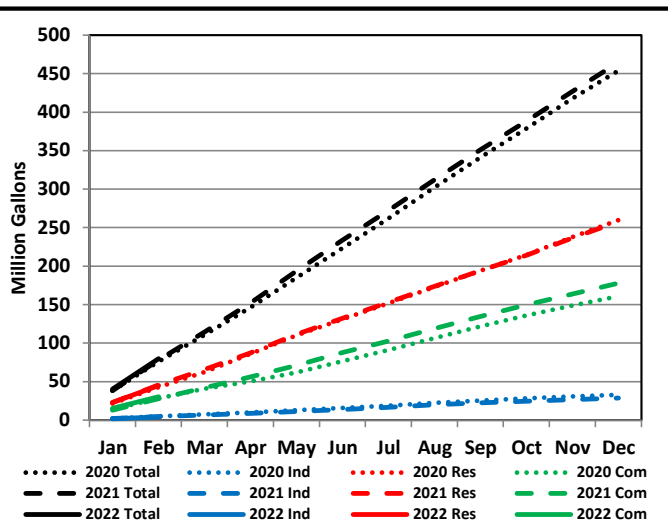
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COMMITTEE REPORT – March 2022
Utility Billing



Year End Reporting – Detail fieldwork was recently completed with our financial auditors for 2021. We are actively working with them on follow up questions and requests. Initial work has begun to prepare our Public Service Commission annual report, which is due at the end of April.

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. As we are approaching spring, we mailed letters to 275 residential customers last week. The letters were sent to customers that had 2+ months of unpaid balances, to give them advance notice of a potential future disconnection if they do not make payments or payment arrangements in the coming two months. All customers, including these residential customers, do incur late charges on their unpaid balances.

John Schuh, CPA
Utility Accounting Manager

COMMITTEE REPORT – March 2022
Electric Utility



Projects that have been completed by March 9, 2022

- Annual Tree Trimming
- Switch Gear replacement project

Services:

- New Services: 9
- Customer calls: 4 service calls:
 - Penn Rd, broken pole due to high winds/storm
 - “A” phase fault on Executive Drive
 - Half power on Polk
 - Elbow failure on Executive Drive
- Street Light tickets: 0 locations

Traffic Control Lights:

- Wisconsin/Lapham trombone arm traffic light has been repaired due to knockdown

Substations:

- Negative DC fault on Cooney Transformer 8 circuit switcher is being worked on (transformer 8 is offline until completed)

Metering:

- PSC required periodic testing of instrument rated meters has been completed
- PSC required periodic testing of self-contained 3 phase meters is underway

Training:

- Bore School – McCormack and Garcia
- MEUW Management Training Session C – Otto and Gruling
- MEUW Lineman Training – Otto and Clemmensen

Major projects that have been started, are in works:

- PSC Inspections and system audits
- Installation of Northeast Feeder
- Feeder cable replacement on Lisbon Road and North Lapham Street – 70's vintage
- Energizing services at Pabst Farm Apartments & Blue Ribbon Baseball pending inspections
- Dump site maintenance, removal of spoils and site grading/improvement
- Olympia Apartments



COMMITTEE REPORT- March - 2022

Water Utility

The following are updates for ongoing projects:

- Well 8 Drilling and Pumping Station Design
 - Monitoring wells (4) installed and collecting groundwater elevations
 - Test Well - drilled to 250 feet, soil samples sieved and screen designed
 - Pumping Station drawings revised per OU comments, target April Arch Mtg
 - Engineer's opinion of probable construction cost = \$4,496,000

Customer Interactions:

- 6 new water meters were installed, and we had 0 water quality complaints

Training:

- Municipal Electric Utilities Wisconsin (MEUW) – Excavation Safety
- WRWA – Lead Service Replacement Funding webinar

Specialty Work:

- Private Lead Service Line (LSL) Replacement Program
 - 2022 application submittal for Private LSL Replacement grant funds - revised
 - 200 replacements estimated with \$3,000 reimbursement each
 - Pre-qualified contractors = S&S Plumbing, MJ Constr and Mid-City
- GIS – System Improvements
 - Water service line material inventory and confirmation process
 - Water dept collecting GPS points of missing or mis-located items
 - Use as a tool to better eval 5-Yr CIP and Long-Term Financial Planning
 - Breakdown & evaluation of the 900 public LSL
 - Scoring criteria based on engineering issues
 - PASER road rating
 - Road replacement cost priority
 - Water main size and material
 - Water main break history
 - Available fire flows
 - Previous sewer, storm, electric issues

Respectfully submitted:

Scott Osborn P.E.

Water Superintendent

Wastewater Operations Summary

March 2022

Precipitation in February was .51" and through March 4th we had .00". The influent flow for February 2022 was 2.063 MGD and through March 10th was 2.088 MGD.

Permit parameters for November are as follows:

Parameter	Influent	Effluent	Permit Limits	% Reduction
BOD - mg/l	321	2.11	7	99.33%
TSS - mg/l	451	1.38	10	99.61%
Phos. - mg/l	5.98	.52	0.60	91.8%
E-coli	X	X	126#/100ml	X
Amm. N - mg/l	21.65	.87	N/A	94.56%
Chlorides	X	530	Variance	X

During the week of February 20th - 25th we ran our Whole Effluent Toxicity Test (WET Test). This test checks to see if anything in our effluent is toxic to either fish or invertebrates. We passed on the fish but failed Ceriodaphnia dubia, which triggers two retests in the next 90 days, at a cost of about \$2,500.00 for each test. This will cause a budget issue because I didn't plan to run the test multiple times. We have not failed this test since 2006. We are doing evaluations on plant performance, sample preparation, and sampling technique but as I write this nothing has stood out as a problem. I will update the Committee on our findings in my next report.