



Water Works and Lighting Commission

221 16th Street South P.O. Box 399 Wisconsin Rapids, WI 54495-0399 715/423-6300 FAX: 715/423-2831

AGENDA

There will be a Regular Meeting of the Water Works and Lighting Commission in the conference room on Wednesday, July 13, 2022, at 1:00 PM.

Listed below is the agenda for this meeting.

1. Call to order
2. Approval, additions, or corrections to the minutes of the following meeting
 - 2.1. Regular Commission Meeting held June 8, 2022
3. Action items
 - 3.1. Filter Plant Electrical Equipment
 - 3.2. Well #3 Cleaning
4. Department updates
 - 4.1. Safety Committee
 - 4.2. Line Superintendent
 - 4.3. Water Department Operations
 - 4.4. Customer Support Supervisor
 - 4.5. Director of Finance
 - 4.6. Information Systems Administrator
 - 4.7. Conservation Manager
 - 4.8. Electrical Engineer
 - 4.9. Director of Engineering & Electric Operations
 - 4.10. General Manager
5. Review of accounts payable
6. Adjourn

If given 72 hours' notice, efforts will be made by the General Manager's office to accommodate the needs of disabled individuals through sign language interpreters and other auxiliary aids.

Regular Meeting of the Water Works and Lighting Commission Wednesday, June 8, 2022

There were present:

Commissioner John Bergin
Commissioner John Harper
Commissioner Tom Nowak
Commissioner Jay Bemke

Also in attendance: Jem Brown, Roxanne Gronski, Todd Weiler, Jeff Kuhn, Josh Elliott, Dale Scheunemann, Lynn Schroer and Tyler Sneen.

1. Call to Order

Chairman Tom Nowak called the meeting to order at 1:00 PM. Commissioner Rick Merdan was excused from today's meeting.

2. Approval, additions or corrections to the minutes of the following meeting

2.1 Special Commission Meeting held April 7, 2022

There was a motion made by John Bergin, seconded by Jay Bemke, and carried to approve the minutes of the Special Commission Meeting held on April 7, 2022, and to place them on file. There were no nay votes recorded.

2.2 Regular Commission Meeting held May 10, 2022

There was a motion made by Jay Bemke, seconded by John Bergin, and carried to approve the minutes of the Regular Commission Meeting held on May 10, 2022, and to place them on file. There were no nay votes recorded.

3. Action items

There were no action items.

4.0 Department updates

4.1 Safety Committee Report

The commissioners reviewed the safety committee minutes and safety coordinator's monthly report.

4.2 Line Superintendent's Report

This report was reviewed and discussed. Josh Elliott answered questions regarding the number of trouble slips, work orders and call-ins for May.

4.3 Water Department Operations Report

This report was reviewed and May water projects were discussed.

4.4 Customer Support Supervisor's Report

This report was reviewed and current electric disconnections were discussed.

4.5 Director of Finance's Report

This report was reviewed and discussed. Jeff Kuhn answered questions regarding the recently implemented payee positive pay on the utility's account payable checks. This program verifies that every check that was written by WW&LC has not been altered in any way and is being presented as written. Material costs were also discussed due to the significant increase in prices. Some projects that we had planned to do this year have been put off because of this anticipated increase.

4.6 Information System's Administrator's Report

This report was reviewed and in Matt Stormoen's absence Todd Weiler answered questions regarding the installation of cameras at the water towers. Todd stated that cameras have already been installed at the substations and wellhouses and that this was done as a security measure.

4.7 Conservation Manager's Report

This report was reviewed and discussed.

4.8 Electrical Engineer's Report

This report was reviewed and Tyler Sneen detailed the annual system thermal scanning that was done by Van Ert Electric and detailed their findings.

4.9 Director of Engineering & Electric Operations

This report was reviewed and Todd Weiler updated the commission regarding the recent filter plant breaker trips and answered questions. Todd

stated that he feels that it would be a good idea to investigate the cost to build a new electrical room for the filter plant that would be pressurized and the sensitive equipment relocated to.

4.10 General Manager's Report

This report was reviewed and was discussed. Jem Brown answered questions regarding the termination of the MPU steam plant contract and term sheet for the GLU east power pool. Jem stated that he has a conference call on this tomorrow.

5. Review of accounts payables

A listing of all invoices and checks covering May was provided to the commission for review.

6. Adjourn

There was a motion made by John Harper, seconded by John Bergin, and carried to adjourn at 1:35 PM. No nay votes were recorded.

Respectfully submitted,

John Bergin, Acting Secretary

*Water Works and Lighting Commission**221 16th St. So. P.O. Box 399 Wisconsin Rapids, WI 54495-0399 715/423-6300 FAX: 715/423-2831***Action Item 3.1
Filter Plant Electrical Equipment**

As part of a 2023 project in the Filter Plant that would relocate some of the more sensitive electrical equipment like the AC variable speed drives for the air wash and back wash pumps into a new electrical room protected from the chlorine, I would like to request that the Commission approve a portion of the funding for this project early since some of the equipment has a delivery of 55-70 weeks.

This equipment would be a section of electrical breakers that would replace the existing breaker panels installed in 1978. The new electrical equipment would allow us to feed three line ups of 480 volt motor control centers instead of 2 and would have technology that would provide information on fault conditions and load data to help us troubleshoot electrical problems in the plant.

Since we have standardized on 480 volt equipment from Rockwell/Allen Bradley at all 6 of our locations, there is no competitive pricing to review.

Due to the long delivery time, I am asking the commission to approve \$50,000 now for this 2023 project. That will allow us to order the electrical equipment needed for the project, in order for a summer or fall installation in 2023.

Todd Weiler, P.E.

Director of Engineering & Electric Operations

*Water Works and Lighting Commission*

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**Action Item 3.2
Well Cleaning****WELL 3**

On June 21st, 2022, while operating the large pump we noticed the pump showed a reduced flow. After investigating the cause, we found that the water level was at the pump bowls. After looking at the records it appears that the 5-foot tailpipe has come off the pump bowls causing a loss of 5 feet of water level. This requires us to no longer use the large pump in this well. We still have the small pump available for use at the well.

Unfortunately, we need to pull the large pump to assess the possible damage if any and to replace the tail piece. With the demand that will be required of this well during the raw water relining project it would be advantageous to clean the well prior. This well was last cleaned in 2012 which under normal conditions of operations is within the 10-to-13-year cleaning cycle.

I have reached out to obtain quotes and availability to have Well 3 cleaned prior to Well 2 in July and August. Unfortunately, we didn't expect this to happen, and didn't have this in the 2022 budget. I would like to get approval to get funding to have the well cleaned.

I expect the cost for cleaning of Well 3 from Water Well Solutions will be in the range of \$150,000 to \$180,000. They are scheduled to clean Well 2 already at a cost of \$135,000 and would be able to clean Well 3 prior to cleaning Well 2.

Municipal Well and Pump is unable to fit the cleaning into their schedule, as we need, so they declined to bid.

Ranney Layne Wells didn't quote this time because they are unable to get here in the required timeframe to do the cleaning.

Dale Scheunemann
Water Superintendent



Municipal Electric Utilities of Wisconsin
Service. Advocacy. Safety.
725 Lois Drive
Sun Prairie, WI 53590
T: 608-837-2263
F: 608-837-0206
www.meuw.org

Wisconsin Rapids Water Works & Lighting Commission

June 2022

Prepared By: Sean T. Wall, MEUW Senior Regional Safety Coordinator

SAFETY REPORT

ACCOMPLISHMENTS

1. Training

- a. No training conducted (summer break)

2. Audits/Inspections

- a. Went out with Dale to watch an excavation with water department. Dig was safely done.

3. Compliance/Risk Management

- a. Attended Safety Committee meeting
- b. Attended Commission meeting
- c. Revised Confined Space Entry program for June Safety Committee meeting

GOALS AND OBJECTIVES

1. Training

- a. No training planned through summer months

2. Audits/Inspections

- a. Field / Work Zone audits planned for summer months

3. Compliance/Risk Management

- a. Attend Safety Committee meeting
- b. Attend Commission meeting



Water Works and Lighting Commission

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LINE SUPERINTENDENT'S REPORT

June 2022

Work Performed

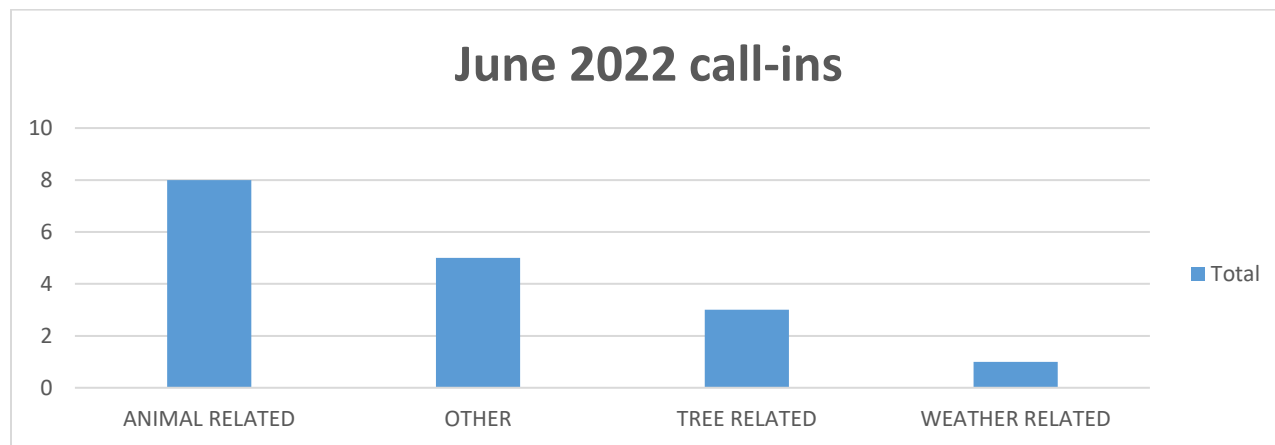
During June, the Electric Department processed 26 work orders, 10 electric service orders, and 124 trouble slips.

Other Projects

- Continued replacement of single phase older wooden poles.
- Continued tree trimming.
- Completed Hayes Avenue URD project.
- Completed work on Fremont for City construction project.
- Completed work on 9th Avenue North for City project.
- Completed multiple customer driven jobs.

After Hours Calls

In June there were 17 after hour call-ins.



The call-ins for "Other" were for: 2 house fires, a Cellcom service issue, Filter Plant MCC issues, and for the City's movie night.

Respectfully submitted,

Josh Elliott

Electric Line Superintendent



Water Works and Lighting Commission

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**WATER DEPARTMENT OPERATIONS REPORT
June 2022**

WATER PROJECT

During June, the water department worked on the following projects.

- ❖ Crews repaired one water leak on 17th Avenue North, replaced rotted off bolts in the hydrant valve and main line valve.
- ❖ Crews repaired three lead services: 131 16th Avenue South, 330 13th Avenue North, and 430 5th Street North.
- ❖ Crews continue working with City on the construction project on Jefferson Street.
- ❖ Crews assisted the contractor as needed while they cleaned Well 5, which is now back online.
- ❖ Crews replaced a hydrant by Sand Lot Park on Goodnow Avenue.
- ❖ Crews flushed several hydrants in the city to minimize dirty water concerns. This was due to the need to operate the seldom used large pump at Well 4 which sent us an overwhelming amount of iron which eventually broke through the filters.

TROUBLE CALLS

The water meter crew responded to 19 trouble calls.

WATER ELEVATIONS AT MV – 4 MONITORING WELL FOR THE LAST 5 YEARS

The readings given below were taken during the last week of June of the year noted:

2022 – 15'4"	2020 – 14'3"	2018 – 14'6"
2021 – 15'7"	2019 – 14'0"	

The highest elevation for MV – 4 was 12'7" on July 2, 2004.

The lowest elevation for MV – 4 was 21.5 on September 11, 2009.

Sincerely,

Dale Scheunemann

Water Superintendent

**Water Works and Lighting Commission**

221 16th Street S, P.O. Box 399 Wisconsin Rapids, WI 54495-0399 (715) 423-6300

**CUSTOMER SUPPORT SUPERVISOR'S REPORT
JUNE 2022****COLLECTIONS**

Below is the comparison of active and inactive accounts receivable for June.

ALL PROVIDERS – Active and Inactive Accounts			
	<u>June, 2020</u>	<u>June, 2021</u>	<u>June, 2022</u>
30 day	181,709	142,098	128,652
60 day	101,145	50,593	22,605
90 day	204,268	84,518	11,041
Current	2,060,450	2,455,334	2,267,383
Total Active	2,547,572	2,732,543	2,429,681
Total Inactive	174,128	122,231	52,959
Total AR	2,721,700	2,854,774	2,482,640

After two full months of disconnections, our past due balances are decreasing. Below are our disconnection totals for 2022 thus far.

	April	May	June	2022 Total
Automated Calls	612	696	563	1871
Door Tags	81	2	21	104
Payment Arrangements	108	72	52	232
Disconnections	186	223	231	640
Reconnections	161	215	223	599

Commercial Accounts

Thirty-two commercial properties were past due in June. After placing a phone call notifying them of their past due balance and pending disconnection, three disconnection tags were placed at the property locations which resulted in one disconnection and one reconnection.

Tax Refund Interception Program (TRIP) and State Debt Collection (SDC)

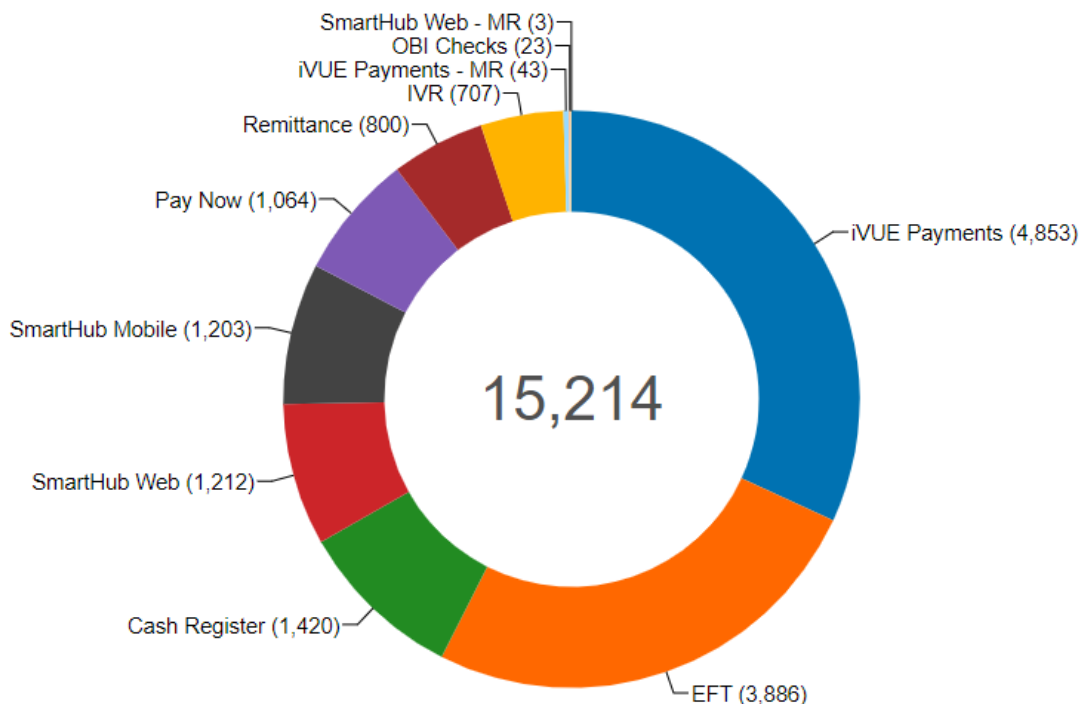
We received \$4,933 through SDC in June and \$1,082 from TRIP for a total of \$60,433 in 2022 thus far. Thirty-five letters were sent to customers with an inactive past due balance notifying them that their account balance would be sent to TRIP if left unpaid. Of the 23 letters sent last month, 3 accounts were paid, and 20 accounts will be submitted to SDC. Inactive account balances submitted to TRIP for properties in the City of Wisconsin Rapids that are unpaid, will be retracted and included in the tax roll process.

OFFICE INFORMATION

- ✚ The office staff processed four new electric services in June. In addition, 238 electric and 113 water move orders were processed. Thirty-seven of these orders were received electronically.
- ✚ Office staff answered 2,606 calls in June with daily peak of 167 on the 6th.
- ✚ There were 115 welcome letters sent to new customers.
- ✚ Twenty-five properties were inspected for cross connection inspection and 52 well permits were issued.
- ✚ Traffic flow in the lobby totaled 770 customers with a daily peak of 75 on June 3rd.
- ✚ Considerable time was spent in preparation for the upcoming Transportation Utility Charge with an implementation date of July 27th.

OFFICE PAYMENTS

We received 15,214 payments in June, 59% were received via one of our electronic payment options.



SOCIAL MEDIA AND WEBSITE ANALYTICS



Eight messages were posted on Facebook generating 16,837 views. Eight messages were tweeted generating 972 impressions (total amount of times people viewed a tweet). Our website had 2,900 active users in the last 30 days.

Respectfully submitted,
Lynn Schroer
Customer Support Supervisor



Water Works and Lighting Commission

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Director of Finance Report

June 2022

Financial Reports

Included in this month's packet are the May 2022 interim financial statements. The electric utility has a net operating income of \$98,863 through May 2022, down about 82% from May 2021, when the operating revenue was \$501,179. This decrease is due to the additional maintenance work done in 2022 with high costs and long lead times for electric supplies and inventory items. The water utility's net operating income of \$113,922 in 2022, down only 13.4% from 2021's figure (\$131,581).

June was a strong cash flow month, with net cash flow being a positive \$209,651, erasing most of the negative cash flow for the year. For all of 2022, the negative cash flow is (\$28,187). July has historically been a strong cash flow month, so I am optimistic cash flow will be positive for the year by the end of July.

Lead Times and 2023 Capital Budget

With lead times increasing on essential utility materials, I would like to discuss the 2023 capital budget and the need to order items sooner than January 2023 or even October 2022, when the utility has traditionally discussed the following year's budget. Joy Ditto, APPA's President, recently discussed supply chain issues in a recent podcast as it affects all utilities in the country. Some examples of long lead times are:

- Ferguson stated one vendor quoted a 70-week lead time for ductile iron pipe.
- Some items ordered in January for 2022 water construction have yet to be delivered.
- Electric and water meters are now at a minimum six-month lead time from order.
- Computer server lead times are continuing to increase, with a large 2023 server upgrade project planned.
- Todd had to place an order in April for 2023 transformer delivery, with an unknown build date over one year.
- Heavy-duty utility trucks are well beyond a twelve-month delivery.
- Electric common items that typically have had a short delivery time, such as poles, now have a four to five-month lead time.
- Okonite underground cable used to have a six-week lead time and now has a six-month lead time.

While lead time is concerning, so is cost. As we discussed last month, many items have much higher cost increases than inflation. To ensure the utility can complete planned 2023 capital projects, as well as provide safe and reliable power, along with storm restoration, it will be imperative to have the ability to order items very soon.

A handwritten signature in black ink that reads "Jeff Kuhn". The script is fluid and cursive, with the first letters of each name being capitalized and prominent.

Jeff Kuhn
Director of Finance

Wisconsin Rapids Water Works and Lighting Commission
Cash Flow Summary
for Month Ending June 30, 2022

	<u>Current Month</u>	<u>Year to Date</u>	<u>Prior Year to Date</u>
Cash Receipts:			
Utility Receipts, Net of Returns	\$ 3,219,311	\$ 19,618,109	\$ 18,378,417
Interest and Dividends	\$ 76	\$ 1,593	\$ 2,004
Transfer from Investments	\$ -	\$ 1,859,672	\$ 1,868,784
ATC Dividend Payment	\$ -	\$ 271,037	\$ 263,804
Total Cash Receipts	<u>\$ 3,219,387</u>	<u>\$ 21,750,411</u>	<u>\$ 20,513,009</u>
Disbursements			
AP Payments	\$ (1,009,639)	\$ (8,685,524)	\$ (8,075,379)
GLU Power Bill	\$ (1,431,045)	\$ (8,966,331)	\$ (8,273,242)
Transfer to Investments	\$ (225,000)	\$ (1,615,000)	\$ (1,865,000)
ATC - Voluntary Capital Call	\$ -	\$ (190,157)	\$ -
Sales Tax Payment	\$ (33,900)	\$ (205,933)	\$ (196,610)
Payroll	\$ (305,812)	\$ (2,088,803)	\$ (1,980,787)
Service Fees	\$ (4,340)	\$ (26,850)	\$ (24,753)
Total Disbursements	<u>\$ (3,009,736)</u>	<u>\$ (21,778,598)</u>	<u>\$ (20,415,771)</u>
Net Cash Flow	<u><u>\$ 209,651</u></u>	<u><u>\$ (28,187)</u></u>	<u><u>\$ 97,238</u></u>

**Wisconsin Rapids Water Works & Lighting Commission
Investment Report**

6/30/2022

INSTITUTION	FACE VALUE	FACE VALUE & ACCRUED INT	RATE/ YIELD	MATURITY DATE	DATE ACQUIRED	TYPE
Local Government Investment Pool (LGIP)	388,253.05	388,253.05	0.9800%			
Prevail Bank	4,319,657.26	4,319,657.26	1.0000%			
Ehlers Investments						
NEW YORK STATE DORMITORY AUTHORITY	75,000.00	75,750.00	2.0000% *	7/1/2022	12/31/2020	NOTE
PLEASANT PRAIRIE WI	50,000.00	50,625.00	3.0000% *	8/1/2022	5/19/2020	NOTE
MORGAN STANLEY PRIVATE BANK	250,000.00	251,317.81	1.8500%	9/19/2022	10/11/2019	CD
ALLY BANK	248,000.00	249,285.18	1.9500%	9/26/2022	9/20/2019	CD
US TREASURY BOND	502,000.00	499,304.26	1.9100%	10/11/2022	6/30/2022	NOTE
LIVE OAK BANKING COMPANY	215,000.00	215,309.25	1.7900%	11/28/2022	11/25/2019	CD
SALLIE MAE BANK	250,000.00	250,253.42	1.8820%	12/12/2022	12/12/2019	CD
US TREASURY BOND	500,000.00	499,304.26	2.4800%	12/31/2022	6/30/2022	NOTE
WELLS FARGO NATIONAL BANK WEST	248,000.00	248,025.82	1.9000%	1/30/2023	1/30/2020	CD
UNITED STATES TREASURY	200,000.00	198,728.43	1.0800%	2/28/2023	3/3/2022	NOTE
WISCONSIN STATE FINANCE AUTHORITY	70,000.00	71,166.67	5.0000% *	3/1/2023	12/29/2020	NOTE
US TREASURY BOND	502,000.00	499,298.99	2.7300%	5/1/2023	6/30/2022	NOTE
COLORADO HOUSING AND FINANCE AUTHORITY	150,000.00	150,275.00	1.1000%	5/1/2023	1/31/2022	NOTE
WISCONSIN STATE GENERAL FUND REV BOND	210,000.00	210,717.15	2.0490%	5/1/2023	1/30/2020	NOTE
US TREASURY BOND	507,000.00	499,400.07	2.9100%	6/30/2023	6/30/2022	NOTE
HOCKING TECHNICAL COLLEGE OHIO	300,000.00	301,527.00	0.7880%	7/1/2023	11/23/2020	NOTE
OKLAHOMA STATE HIGHWAY CAPITAL IMPROVE	50,000.00	51,322.50	5.2900% *	7/1/2023	12/29/2020	NOTE
ILLINOIS HOUSING AUTHORITY	50,000.00	50,395.83	1.9000% *	8/1/2023	12/29/2020	NOTE
NEW YORK STATE DORMITORY AUTHORITY	100,000.00	101,250.00	5.0000% *	10/1/2023	12/29/2020	NOTE
SYNCHRONY BANK	245,000.00	245,214.38	0.4500%	10/23/2023	10/28/2021	CD
WEB BANK	205,000.00	205,008.42	0.7500%	12/29/2023	12/29/2021	CD
FEDERAL HOME LOAN BANK	300,000.00	300,180.50	0.6000%	2/23/2024	11/30/2021	NOTE
AMERICAN EXPRESS BANK	200,000.00	201,013.33	1.6000%	3/11/2024	3/3/2022	CD
CITY OF WATERFORD GO BOND	200,000.00	200,950.00	1.9000% *	4/1/2024	1/30/2020	NOTE
BARCLAY'S BANK DELAWARE	248,000.00	248,549.73	2.0000%	6/3/2024	5/31/2022	CD
FALLBROOK (CA) PUB UTILITY DIST REV BOND	200,000.00	200,484.67	0.7250%	9/1/2024	1/27/2021	CD
UNITED STATES TREASURY	251,000.00	249,794.53	0.9500%	11/15/2024	12/15/2021	NOTE
FEDERAL HOME LOAN BANK	250,000.00	250,268.75	0.9000%	11/18/2024	10/28/2021	NOTE
CALIFORNIA STATE BOND	245,000.00	247,067.19	2.8400%	4/28/2025	4/28/2022	NOTE
FEDERAL HOME LOAN BANK	145,000.00	145,602.66	2.3600%	4/28/2025	4/28/2022	NOTE
COWETA COUNTY (GA) WATER SYSTEM REV BOND	300,000.00	300,500.00	2.0000% *	6/1/2025	6/9/2021	NOTE
CLAYTON WIS WATER SYSTEM REV BOND	250,000.00	250,416.67	2.0000% *	6/1/2026	6/1/2021	NOTE
FEDERAL HOME LOAN BANK	500,000.00	500,114.44	1.0290% *	6/23/2026	6/2/2021	NOTE
FDIC INSURED MONEY MARKET	97,649.90	97,649.90				MM
		8,116,071.81				
TOTAL INVESTMENTS	12,821,560.21	12,823,982.12				
ACCOUNT BALANCES POST-JOURNAL ENTRY						
ELECTRIC UTILITY DEPRECIATION FUND						
0-1261-00		4,653,819.27				
ELECTRIC REVENUE BOND REDEMPTION						
0-1252-00		176,693.40				
WATER UTILITY DEPRECIATION FUND						
2-1261-00		6,729,171.96				
TAX ESCROW FUND						
0-1361-00		557,453.14				
2-1361-00		492,250.94				
GENERAL FUND						
0-1365-00		182,222.14				
2-1365-00		32,371.28				
TOTAL INVESTMENTS		12,823,982.12				

Wisconsin Rapids Water Works and Lighting Commission
Combined Utility Income Statement
Year to Date for Months Ending May 2022 and 2021

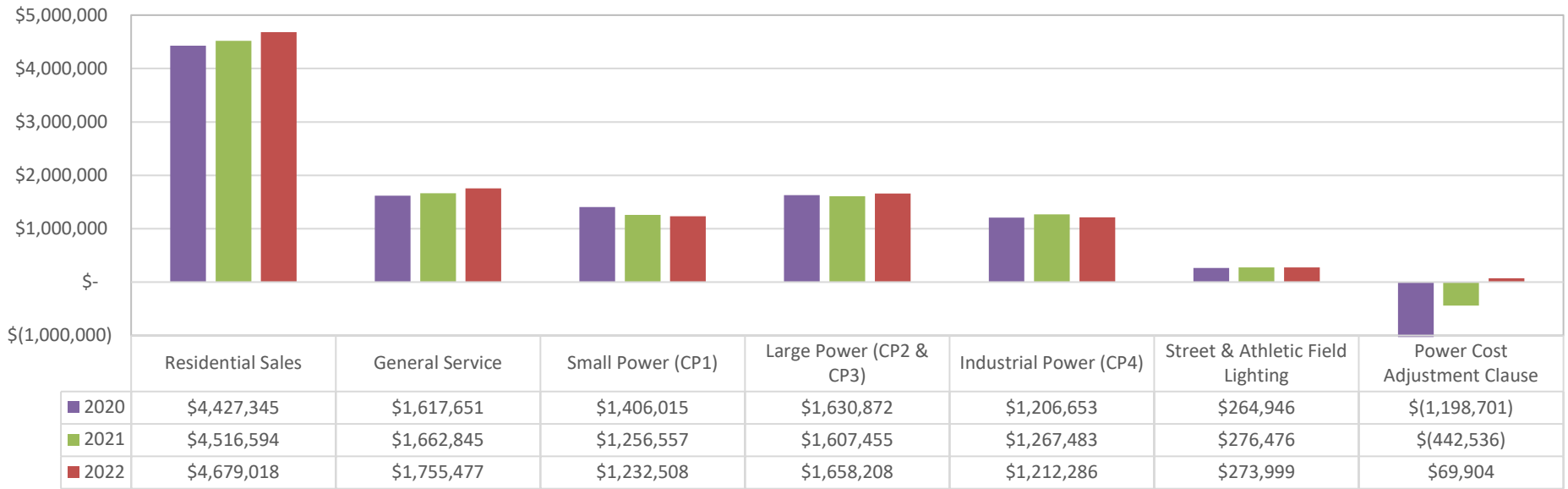
	Current Year to Date			Prior Year to Date			% Increase (Decrease)		
	Electric	Water	Total	Electric	Water	Total	Electric	Water	Total
Charges for Services	\$ 10,881,399	\$ 1,477,983	\$ 12,359,382	\$ 10,144,873	\$ 1,470,758	\$ 11,615,631	7.3%	0.5%	6.4%
Other Operating Revenues	\$ 181,131	\$ 738,446	\$ 919,577	\$ 168,080	\$ 733,977	\$ 902,057	7.8%	0.6%	1.9%
Total Operating Revenues	\$ 11,062,529	\$ 2,216,429	\$ 13,278,959	\$ 10,312,953	\$ 2,204,734	\$ 12,517,688	7.3%	0.5%	6.1%
Operating Expenses	9,318,680	1,297,120	10,615,800	8,228,635	1,260,872	9,489,507	13.2%	2.9%	11.9%
Depreciation Expense	963,862	383,387	1,347,249	941,889	418,532	1,360,421	2.3%	(8.4%)	(1.0%)
Taxes Expense	689,125	422,000	1,111,125	641,250	393,750	1,035,000	7.5%	7.2%	7.4%
Total Operating Expenses	10,971,667	2,102,507	13,074,174	9,811,774	2,073,154	11,884,928	11.8%	1.4%	10.0%
Operating Income (Loss)	\$ 90,863	\$ 113,922	\$ 204,784	\$ 501,179	\$ 131,581	\$ 632,760	(81.9%)	(13.4%)	(67.6%)
Non-Operating Income	253,611	29,294	282,905	244,885	26,704	271,589	3.6%	9.7%	4.2%
Interest Charges	67,920		67,920	71,866		71,866	(5.5%)		(5.5%)
Other Non-operating Exp	159,791	40,980	200,770	148,001	43,848	191,850	8.0%	(6.5%)	4.6%
Net Income (Loss)	\$ 116,763	\$ 102,236	\$ 218,999	\$ 526,196	\$ 114,436	\$ 640,632	(77.8%)	(10.7%)	(65.8%)

Wisconsin Rapids Water Works and Lighting Commission
Electric Income Statement
Year to Date for Months Ending May 2022, 2021, 2020

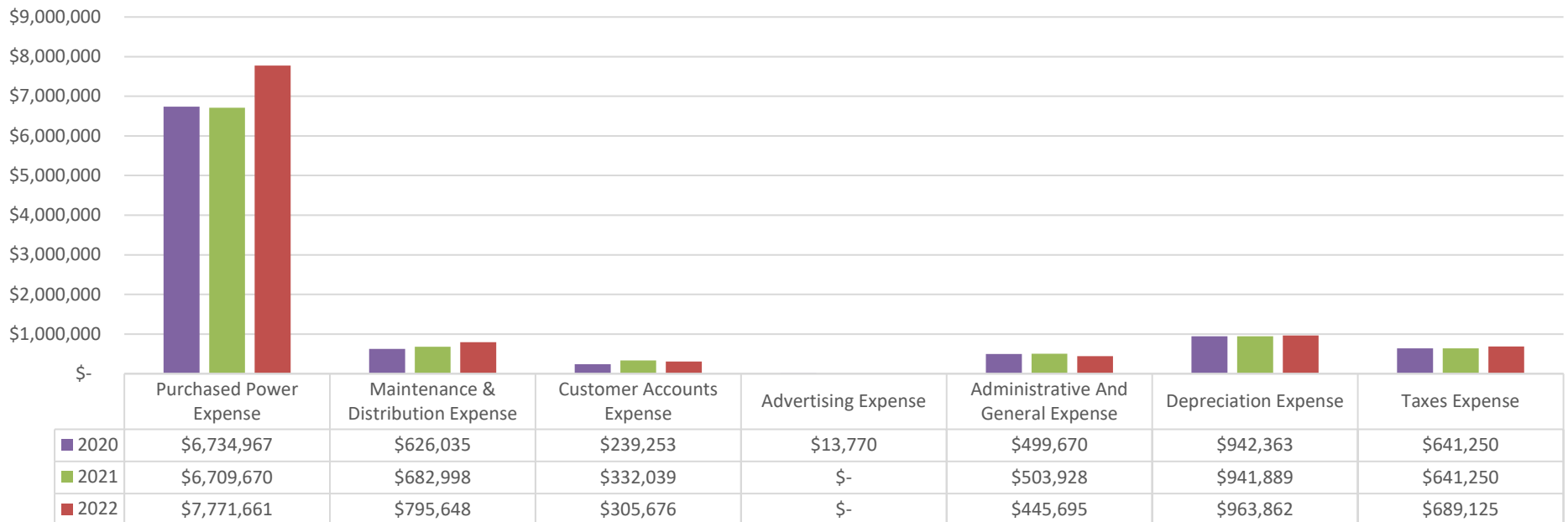
	Current Budget	2022 YTD	2021 YTD	2020 YTD	Remaining Budget
Sales of Electricity					
Residential Sales	\$ 11,298,000	\$ 4,679,018	\$ 4,516,594	\$ 4,427,345	\$ 6,618,982
General Service	\$ 4,145,000	\$ 1,755,477	\$ 1,662,845	\$ 1,617,651	\$ 2,389,523
Small Power (CP1)	\$ 3,220,000	\$ 1,232,508	\$ 1,256,557	\$ 1,406,015	\$ 1,987,492
Large Power (CP2 & CP3)	\$ 4,270,000	\$ 1,658,208	\$ 1,607,455	\$ 1,630,872	\$ 2,611,792
Industrial Power (CP4)	\$ 3,690,000	\$ 1,212,286	\$ 1,267,483	\$ 1,206,653	\$ 2,477,714
Street & Athletic Field Lighting	\$ 642,500	\$ 273,999	\$ 276,476	\$ 264,946	\$ 368,501
Power Cost Adjustment Clause	\$ (275,000)	\$ 69,904	\$ (442,536)	\$ (1,198,701)	\$ (344,904)
Total Sales of Electricity	\$ 26,990,500	\$ 10,881,399	\$ 10,144,873	\$ 9,354,782	\$ 16,109,101
Other Operating Revenues					
Misc Service Revenues - Reconnect Fees	\$ 30,000	\$ 10,790	\$ 4,060	\$ 140	\$ 19,210
Rent From Electric Property	\$ 274,000	\$ 136,334	\$ 132,808	\$ 129,113	\$ 137,666
Forfeited Discounts	\$ 92,000	\$ 33,142	\$ 30,382	\$ 21,661	\$ 58,858
Other Electric Revenues	\$ 3,500	\$ 864	\$ 830	\$ 912	\$ 2,636
Total Operating Revenues	\$ 27,390,000	\$ 11,062,529	\$ 10,312,953	\$ 9,506,608	\$ 16,327,471
Operating Expenses					
Purchased Power Expense	\$ 18,468,200	\$ 7,771,661	\$ 6,709,670	\$ 6,734,967	\$ 10,696,539
Maintenance & Distribution Expense	\$ 1,659,000	\$ 795,648	\$ 682,998	\$ 626,035	\$ 863,352
Customer Accounts Expense	\$ 776,200	\$ 305,676	\$ 332,039	\$ 239,253	\$ 470,524
Advertising Expense	\$ 24,000	\$ -	\$ -	\$ 13,770	\$ 24,000
Administrative And General Expense	\$ 1,326,600	\$ 445,695	\$ 503,928	\$ 499,670	\$ 880,905
Depreciation Expense	\$ 2,340,000	\$ 963,862	\$ 941,889	\$ 942,363	\$ 1,376,138
Taxes Expense	\$ 1,463,364	\$ 689,125	\$ 641,250	\$ 641,250	\$ 774,239
Total Operating Expenses	\$ 26,057,364	\$ 10,971,667	\$ 9,811,774	\$ 9,697,310	\$ 15,085,697
Operating Income	\$ 1,332,636	\$ 90,863	\$ 501,179	\$ (190,702)	\$ 1,241,773
Merchandise and Jobbing	\$ 40,000	\$ 35,891	\$ 3,872	\$ 1,302	\$ 4,109
Interest and Dividend Income	\$ 703,900	\$ 210,878	\$ 215,461	\$ 208,586	\$ 493,022
Miscellaneous Non-Operating Income	\$ 160,000	\$ 6,843	\$ 25,552	\$ 77,507	\$ 153,158
Total Other Income Additions	\$ 903,900	\$ 253,611	\$ 244,885	\$ 287,395	\$ 650,289
Interest Charges	\$ 163,117	\$ 67,920	\$ 71,866	\$ 78,820	\$ 95,197
Other Income Deductions	\$ 382,000	\$ 159,791	\$ 148,001	\$ 148,541	\$ 222,209
Total Net Income	\$ 1,691,419	\$ 116,763	\$ 526,196	\$ (130,667)	\$ 1,574,656

Wisconsin Rapids Water Works and Lighting Commission
Selected Electric Utility Financial Charts
Year to Date for Months Ending May 2022, 2021, 2020

Electric Utility Sales Revenue by Customer Type



YTD Electric Operating Expenses

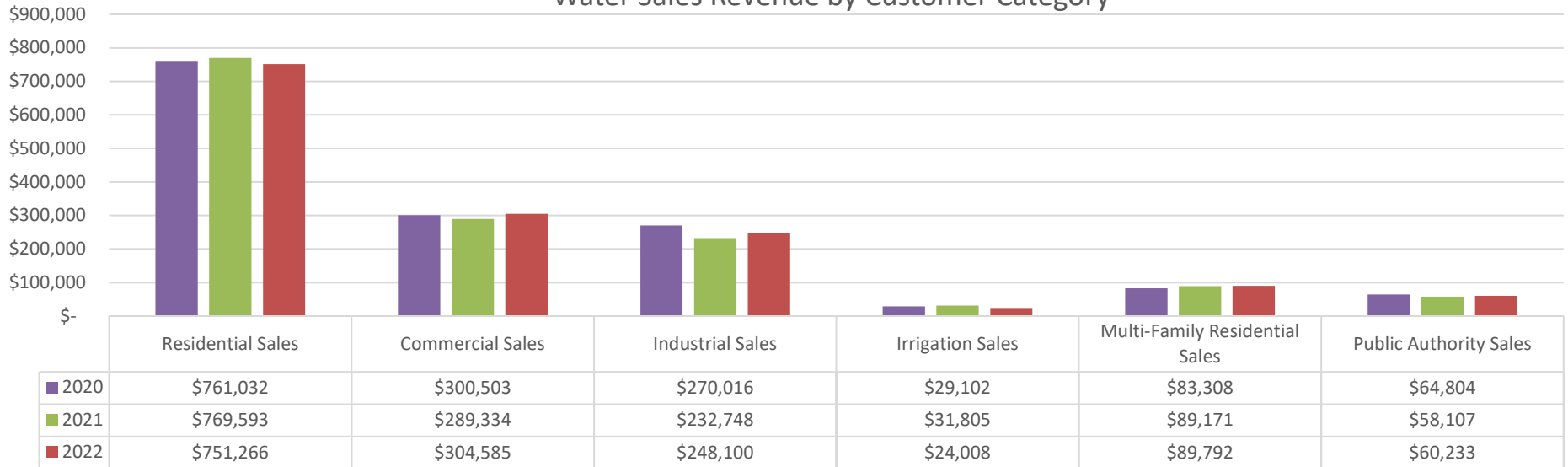


Wisconsin Rapids Water Works and Lighting Commission
Water Income Statement
Year to Date for Months Ending May 2022, 2021, 2020

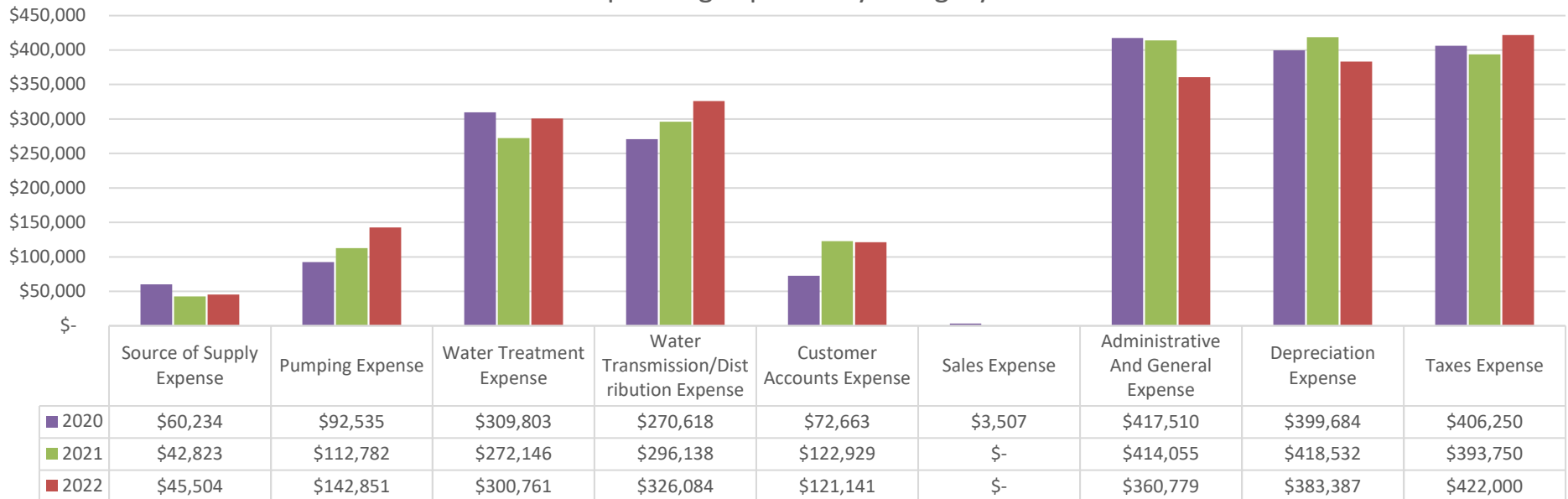
	Current Budget	2022 YTD	2021 YTD	2020 YTD	Remaining Budget
Metered Sales of Water					
Residential Sales	\$ 1,938,000	\$ 751,266	\$ 769,593	\$ 761,032	\$ 1,186,734
Commercial Sales	\$ 763,000	\$ 304,585	\$ 289,334	\$ 300,503	\$ 458,415
Industrial Sales	\$ 415,000	\$ 248,100	\$ 232,748	\$ 270,016	\$ 166,900
Irrigation Sales	\$ 367,000	\$ 24,008	\$ 31,805	\$ 29,102	\$ 342,992
Multi-Family Residential Sales	\$ 216,000	\$ 89,792	\$ 89,171	\$ 83,308	\$ 126,208
Public Authority Sales	\$ 188,000	\$ 60,233	\$ 58,107	\$ 64,804	\$ 127,767
Total Sales of Water	\$ 3,887,000	\$ 1,477,983	\$ 1,470,758	\$ 1,508,766	\$ 2,409,017
Other Operating Revenues					
Private Fire Protection	\$ 58,000	\$ 23,847	\$ 23,854	\$ 24,051	\$ 34,153
Public Fire Protection	\$ 1,305,000	\$ 534,344	\$ 529,143	\$ 523,999	\$ 770,656
Forfeited Discounts	\$ 25,000	\$ 14,354	\$ 13,794	\$ 10,955	\$ 10,646
Miscellaneous Service Revenues	\$ 2,000	\$ 1,190	\$ 70	\$ 1,400	\$ 810
Rent From Water Property	\$ 87,000	\$ 31,668	\$ 36,159	\$ 30,859	\$ 55,332
Other Water Revenues	\$ 78,000	\$ 133,044	\$ 130,957	\$ 131,297	\$ (55,044)
Total Operating Revenues	\$ 5,442,000	\$ 2,216,429	\$ 2,204,734	\$ 2,231,327	\$ 3,225,571
Operating Expenses					
Source of Supply Expense	\$ 279,100	\$ 45,504	\$ 42,823	\$ 60,234	\$ 233,596
Pumping Expense	\$ 248,100	\$ 142,851	\$ 112,782	\$ 92,535	\$ 105,249
Water Treatment Expense	\$ 603,200	\$ 300,761	\$ 272,146	\$ 309,803	\$ 302,439
Water Transmission/Distribution Expense	\$ 802,400	\$ 326,084	\$ 296,138	\$ 270,618	\$ 476,316
Customer Accounts Expense	\$ 134,700	\$ 121,141	\$ 122,929	\$ 72,663	\$ 13,559
Sales Expense	\$ 1,000	\$ -	\$ -	\$ 3,507	\$ 1,000
Administrative And General Expense	\$ 1,002,000	\$ 360,779	\$ 414,055	\$ 417,510	\$ 641,221
Depreciation Expense	\$ 941,021	\$ 383,387	\$ 418,532	\$ 399,684	\$ 557,634
Taxes Expense	\$ 913,886	\$ 422,000	\$ 393,750	\$ 406,250	\$ 491,886
Total Operating Expenses	\$ 4,925,407	\$ 2,102,507	\$ 2,073,154	\$ 2,032,805	\$ 2,822,900
Operating Income	\$ 516,593	\$ 113,922	\$ 131,581	\$ 198,523	\$ 402,671
Merchandise and Jobbing	\$ 1,500	\$ 156	\$ 93	\$ 1,288	\$ 1,344
Interest and Dividend Income	\$ 32,700	\$ 29,138	\$ 26,611	\$ 21,837	\$ 3,562
Miscellaneous Non-operating Income	\$ 670,000	\$ -	\$ -	\$ -	\$ 670,000
Total Other Income Additions	\$ 704,200	\$ 29,294	\$ 26,704	\$ 23,125	\$ 674,906
Other Income Deductions	\$ 125,000	\$ 40,980	\$ 43,848	\$ 43,777	\$ 84,020
Total Net Income	\$ 1,095,793	\$ 102,236	\$ 114,436	\$ 177,871	\$ 993,557

Wisconsin Rapids Water Works and Lighting Commission
Selected Water Utility Financial Charts
Year to Date for Months Ending May 2022, 2021, 2020

Water Sales Revenue by Customer Category



Water Operating Expense by Category



Wisconsin Rapids Water Works and Lighting Commission
Electric and Water Utility Balance Sheet
Balances as of May 2022 & 2021

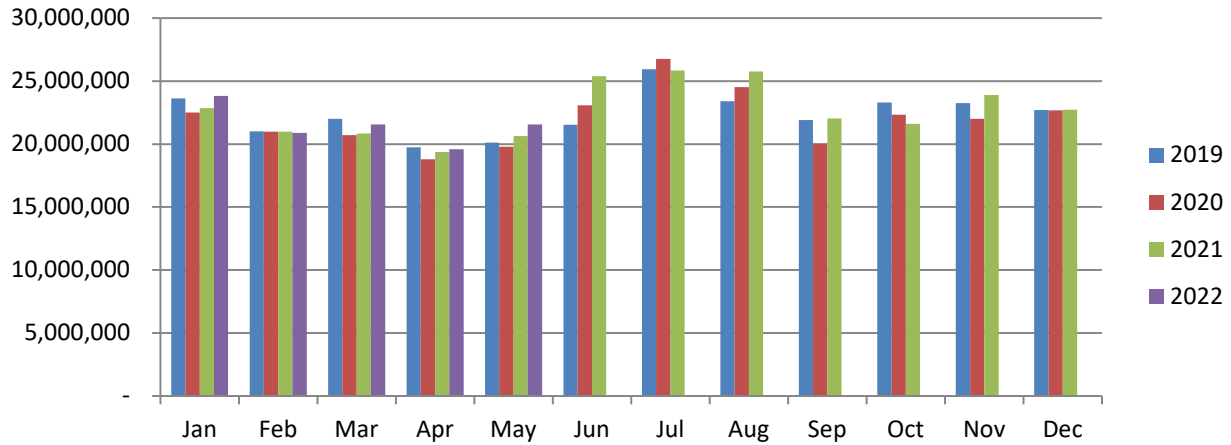
	2022			2021		
	Electric Utility	Water Utility	Combined Utilities	Electric Utility	Water Utility	Combined Utilities
ASSETS						
Utility Plant						
Utility Plant in Service	66,438,509	45,809,525	112,248,034	64,398,318	44,875,706	109,274,024
Utility Plant in Service - Common	7,894,496	2,689,445	10,583,942	7,844,878	2,669,469	10,514,348
Property Held for Future Use	500	104,255	104,755	500	104,255	104,755
Construction Work in Progress	1,599,585	245,089	1,844,674	1,286,251	403,607	1,689,858
Total Utility Plant	75,933,090	48,848,314	124,781,404	73,529,947	48,053,037	121,582,985
Less: Accumulated Depreciation						
Accumulated Depreciation	(28,480,574)	(18,694,113)	(47,174,688)	(26,964,020)	(17,866,459)	(44,830,479)
Accumulated Depreciation - Common	(5,754,483)	(1,842,208)	(7,596,691)	(5,532,412)	(1,751,955)	(7,284,366)
Total Accumulated Depreciation	(34,235,057)	(20,536,321)	(54,771,378)	(32,496,431)	(19,618,414)	(52,114,845)
Net Utility Plant	41,698,033	28,311,993	70,010,026	41,033,516	28,434,624	69,468,140
Current and Accrued Assets						
Cash	194,227	774,099	968,327	236,817	1,328,548	1,565,364
Working Funds	940	-	940	940	-	940
Rate Stabilization Deposit	221,295	-	221,295	561,063	-	561,063
Temporary Cash Investments	644,102	454,217	1,098,319	416,437	403,936	820,373
Customer Accounts Receivable	2,844,622	606,418	3,451,040	2,932,992	690,149	3,623,141
Other Accounts Receivable	110,516	371,785	482,301	116,190	464,256	580,447
Receivable From Municipality	5,702	-	5,702	4,396	-	4,396
Notes Receivable	500,000	-	500,000	500,000	-	500,000
Sewer Fee For Collections	-	315,367	315,367	-	309,138	309,138
Due To (From) Municipality	11,157	47,835	58,992	-	37,683	37,683
Plant Materials & Supplies	1,777,047	610,925	2,387,972	1,374,744	449,939	1,824,683
Stores Expense	(21,756)	28,751	6,996	(13,246)	38,048	24,802
Prepayments	182,072	43,431	225,504	173,525	44,552	218,077
Interest Receivable	-	-	-	-	-	-
Total Current and Accrued Assets	6,469,925	3,252,829	9,722,753	6,303,858	3,766,250	10,070,108
Other Investments						
Depreciation Fund	4,647,329	6,718,605	11,365,934	4,337,671	4,846,048	9,183,719
Other Investments	8,619,490	-	8,619,490	8,228,139	-	8,228,139
Other Special Funds	124,284	3,280	127,564	120,943	11,050	131,993
Total Other Investments	13,391,103	6,721,885	20,112,988	12,686,753	4,857,098	17,543,851
Deferred outflows of Resources						
Unamortized Debt Disc & Expense	466,450	-	466,450	535,199	-	535,199
Preliminary Survey & Investigation Charges	2,808	-	2,808	2,808	-	2,808
Clearing Accounts	2,800	13,863	16,663	(1,211)	(4,162)	(5,373)
Deferred Outflows Related To Pension	2,457,774	1,323,414	3,781,188	1,605,371	864,429	2,469,800
Misc Deferred Debits	260,679	139,549	400,228	208,823	95,107	303,931
Total Deferred Outflows of Resources	3,190,511	1,476,827	4,667,337	2,350,991	955,375	3,306,365
Total Assets and Deferred Outflows	64,749,572	39,763,533	104,513,105	62,375,118	38,013,347	100,388,464

Wisconsin Rapids Water Works and Lighting Commission
Electric and Water Utility Balance Sheet
Balances as of May 2022 & 2021

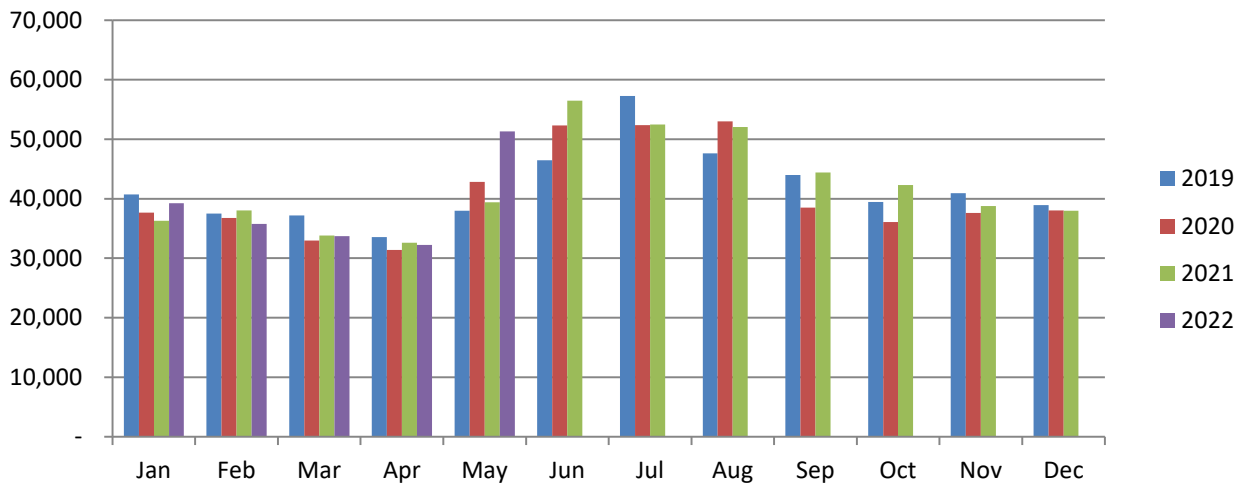
	2022			2021		
	Electric Utility	Water Utility	Combined Utilities	Electric Utility	Water Utility	Combined Utilities
LIABILITIES						
Current and Accrued Liabilities						
Accounts Payable	2,104,811	-	2,104,811	2,268,725	-	2,268,725
Payables To Municipality	-	-	-	-	-	-
Customer Deposits	434,271	-	434,271	447,701	-	447,701
Taxes Accrued	736,260	699,413	1,435,673	729,785	676,948	1,406,734
Interest Accrued	31,045	-	31,045	35,430	-	35,430
Tax Collections Payable	112,827	-	112,827	100,163	-	100,163
Misc Current And Accrued Liabilities	1,884,757	915,927	2,800,684	714,379	139,208	853,588
Total Current and Accrued Liabilities	5,303,971	1,615,340	6,919,311	4,296,183	816,157	5,112,340
Long Term Debt						
Long Term Debt - Bonds	3,995,000	-	3,995,000	4,515,000	-	4,515,000
PROPRIETARY CAPITAL						
Capital Paid In By Municipality	1,030,967	798,819	1,829,787	1,030,967	798,819	1,829,787
Retained Earnings	51,744,110	36,024,959	87,769,069	49,439,858	34,675,650	84,115,508
Total Proprietary Capital	52,775,077	36,823,778	89,598,855	50,470,825	35,474,469	85,945,295
Deferred Inflows of Resources						
Customer Advance For Construction	125,472	-	125,472	63,463	-	63,463
Wholesale Rate Refund & Public Benefits	329,869	-	329,869	293,606	-	293,606
Unamortized Premium On Debt	44,372	-	44,372	50,905	-	50,905
Other Deferred Credits	2,175,811	1,324,415	3,500,226	2,685,135	1,722,720	4,407,856
Total Deferred Inflows of Resources	2,675,524	1,324,415	3,999,938	3,093,109	1,722,720	4,815,829
Total Liabilities, Equity and Def Inflows	64,749,572	39,763,533	104,513,105	62,375,118	38,013,347	100,388,464

Wisconsin Rapids Water Works and Lighting Commission
Monthly Electric Purchases
2019-2022

Electric Purchases by Month (kWh)



Electric Purchases - Demand by Month (kW)



*Water Works and Lighting Commission*

221 16th St. So. P.O. Box 399 Wisconsin Rapids, WI 54495-0399 715/423-6300 FAX: 715/423-2831

INFORMATION SYSTEMS ADMINISTRATOR'S REPORT
June 2021

Cyber Security

In May we started working with Darktrace. They are a cyber security company that provides network monitoring solutions. Their solution was initially designed to monitor SCADA network traffic and identify any suspicious activity. It has the ability to identify SCADA endpoint such as PLC's and has built in intelligence to understand the type of network traffic that is normal for a SCADA network. If the scanner identifies suspicious activity it is able to analyze the network traffic and present it in a way that makes it easier for me to understand and troubleshoot.

I have also been getting more involved with the cyber security community while I am waiting for part for my projects. I have attended quite a few webinars and have been studying and implementing some of the suggested mitigation techniques to help protect our network and data center.

Projects

1. Cyber Security
2. SCADA Server Replacement
3. Network Hardware Replacement
4. Cameras for Water Towers

Sincerely,

Matt Stormoen
Information Systems Administrator



Water Works and Lighting Commission

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**Conservation Manager Report
June 2022**

Account Contacts: This month I had communications with these accounts:

- Sorenson Cranberry
- WRPS New LHS Athletic Complex
- WRPS Pitch Elementary
- Grand Rapids Lions Club
- Opportunity and Development Center

Sorenson Cranberry – The marsh has inquired about implementing a VFD (Variable Frequency Drive) to their existing irrigation pump. I highly agreed with the idea of adding the VFD, considering other marshes have shaved Demand/Energy charges by incorporating VFD'S. Information on applying for a Focus on Energy Program incentive to assist with the costs was discussed.

LHS New Athletic Complex – After reviewing electric load profile data for the past month of the complex being under full load, an analysis was performed to offer the WRPS the most cost effective rate. I have contacted the Building and Grounds Superintendent, to discuss and forecast future sporting events the remainder of the summer and into the school year. It was determined that switching to a TOD (Time of Day) rate will reduce their monthly power costs. Immediately following fall sports it will be determined what the actual savings was to assure they should remain on this rate in 2023.

WRPS Pitch Elementary – The WRPS 4K school has received a rate increase letter. The school is now being used for the 4K program and occasional police training. The change in electric usage has moved them up a rate class, being over 50KW and will have Demand charges applied. A load analysis was performed and a recommendation to switch to a TOD rate. They have switched to a TOD rate and is estimated to save 6% in annual energy costs.

Grand Rapids Lions Club – The Blossom Fest and Carnival was held at the Grand Rapids Lions Club from June 13th until June 20th. They requested a breakdown of

power costs during these periods for reimbursement purposes. All load profile data during these time periods were collected/calculated and sent over to the Club.

Opportunity and Development Center – This month I scheduled an on-site visit of the center. Accompanied by an Energy Advisor from the FoE Program, a thorough energy evaluation was administered. The first recommendation was to switch the Center over to a TOD rate. This is projected to save 7% in energy costs annually, which is a nice savings considering their energy usage is higher than most commercial buildings. Energy Efficiency Upgrade recommendations along with FoE incentives available are as follows:

- Interior/Exterior LED Lighting Upgrades - Only 10% of the building interior has LED with the remaining 90% being fluorescent. Considering the magnitude of lighting fixtures throughout the building being substantial, there is great potential for a huge lighting savings and Program incentives available to assist in an entire LED project.
- Occupancy Sensors - Should be implemented in all office areas, warehouse, bathrooms, and other areas not regularly being occupied. These controls can increase energy savings to these areas by as much as 60%.
- Daylighting Controls (Dimmable switches) - Adjusting light levels based on light levels in rooms provided by sunlight. If daylight offers sufficient light levels, there is no reason to operate local light fixtures. Dimming or turning off lights when not needed will also extend the life of the LED equipment.

Respectfully,

Shawn Reimer

Key Accounts/Conservation Manager



Water Works and Lighting Commission

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ELECTRICAL ENGINEER'S REPORT
June 2022

Filter Plant High Service Pump 7

We have been experiencing problems in the filter plant for the past 2 months. The main breaker feeding MCC lineup #2 continues to trip open. This breaker was installed in 1978 and lacks any indication of what caused the trip, making troubleshooting a problem since it only trips about 1 time per week. Originally, we replaced the breaker with the spare, but the problem persisted. Next, we felt it was related to the AC variable speed drive on pump 7, so I replaced it with our spare. Unfortunately, the spare drive had something wrong with it and failed a few hours after initial startup. I am working with Rockwell/Allen Bradley to get a new drive since it was still under warranty. We replaced the failed drive with a full-voltage non-reversing starter, but the problem continued. We then brought in a service technician from L&S Electric who ran a diagnostic of the motor but found nothing. Next, we tried replacing the motor's power cable, but again the problem occurred. We are now planning to feed the motor from the MCC lineup. This will at least help us determine if the problem is in fact the motor.

Updating SCADA Manual

I have been working on revising the manual for our SCADA system. This manual is very useful for the operators whenever they may have an issue with anything in the plant. It lists many common problems, their causes, and what to do, or who to call if they need help fixing a certain problem. The last time the manual was revised was in 2016, so I am reviewing and incorporating any changes from the past 6 years with Todd's assistance.

Tyler Sneen
Electrical Engineer

*Water Works and Lighting Commission**221 16th St. So. P.O. Box 399 Wisconsin Rapids, WI 54495-0399 715/423-6300 FAX: 715/423-2831***DIRECTOR OF ENGINEERING AND ELECTRIC OPERATIONS REPORT
June, 2022****Filter Plant Electrical Equipment**

Last month I mentioned that I would be looking into a 2023 project in the Filter Plant to relocate some of the more sensitive electrical equipment into a new electrical room where it would not be exposed to the chlorine in the atmosphere. A key piece of equipment for this relocation would be a new piece of gear that allows us to feed 3 line ups of electrical 480 volt equipment. After speaking with Werner Electric, this equipment is 55-70 weeks out so I will be requesting funding for it prior to the 2023 budget meeting in the fall.

New Summer Peak

A new summer peak of 55.83 MW's occurred on June 21st at 5PM. Last year's high occurred on June 10th and was 57.1 MW's. The electrical system handled the additional load well with very little problems.

June 15th Storm

A storm in the later afternoon on June 15th caused outages to about 900 customers mostly in the eastern portion of our service territory. The line crew did an exceptional job restoring power to those affected by midnight.

Todd Weiler, P.E.

Director of Engineering & Electric Operations



Water Works and Lighting Commission

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GENERAL MANAGER'S REPORT
June 2022

Great Lakes Utilities: The GLU Board met via conference call on June 21st. A solar project letter of intent was signed with GRNE and Pivot Energy. GLU will negotiate exclusively with the aforementioned parties on the development of a 75-100 mW solar project. GLU adopted document retention guidelines for 6 years which follows the PSC rules for metering and billing records. Several conference calls were conducted in June regarding the GLU East power supply committee exiting the MPU steam generation agreement. After much negotiation the past few months, an agreement was reached to terminate the MPU steam contract the end of this year. Capacity cost concessions were made by MPU to extend the agreement until the end of 2022.

Municipal Electric Utilities of Wisconsin: The MEUW Legislative and Regulatory Committee met via conference call on June 29th. The recently hired MEUW Director of Legislative and Regulatory Affairs was introduced. Third party solar ownership was discussed at length since a new request to permit it in Wisconsin was filed at the PSC. The PSC and Legislative to date have not allowed third party ownership of solar generation. The elections in November of this year were also discussed. The State Assembly and Senate will see a large turnover this year because of current members not seeking re-election.

Jem Brown
General Manager