

* **CITIZEN COMMUNICATION PROCEDURES** - Public comment may be provided on any issue pertaining to RMU. Any citizen wishing to address the Board may do so for a period of 3-5 minutes during the Board meeting (i.e. 'Citizen Communication'). Citizens are encouraged, but not required, to contact RMU's General Manager one week prior to the meeting, preferably in writing, to be placed on the agenda.



MEETING NOTICE

The Rolla Board of Public Works (RBPW) will meet

Tuesday, July 28, 2026 at 4:30 p.m.

Tucker Professional Center (Board Room)

101 West 10th Street, Rolla, Missouri

103 West 10th Street (handicap entrance)

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PRESIDING: Nick Barrack, President RBPW Roll: Dr. Wm. E. Showalter, Vice President
Joe Polizzi, Secretary
Fred L. Stone, Vice Secretary

BOARD AGENDA

- I. **APPROVAL OF MINUTES** for the Regular Sessions of the June 2 and June 23, 2026 meetings (Action Required)
- II. **CITIZEN COMMUNICATION *** (none)
- III. **SPECIAL PRESENTATION** (none)
- IV. **STAFF REPORTS**
 - A. Finance Manager's Report (Gwen Cresswell)
 - 1. Statement of Income & Expense reports for June FY2026 (No action required)
 - 2. Receive and approve June reports for the City: (Action Required)
Financial Statement, Statistics and Disbursement Summary
 - 3. Other Financial Updates
 - 4. Service Center Expansion Update
 - B. Business Manager's Report (none)
 - C. Engineering Manager's Report (Chad Davis, P.E.)
 - 1. Updates on RMU projects
 - D. General Manager's Report (Floyd Wolf)
 - 1. LAGERS Annual Actuarial Valuation
 - 2. MoPEP Update
- V. **UNFINISHED BUSINESS** (Action Required)
 - A. FY2027 Proposed Budget, Rates & Fees (Wolf)
- VI. **NEW BUSINESS** (Action Required)
 - A. Electric Specifications (Davis)
 - B. Itron Meter Reading Upgrade (Davis)
 - C. RFB – Wells #7 & #8 (Cresswell)
- VII. **CLOSED SESSION**** (none)
- VIII. **ADJOURNMENT**

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** The Rolla Board of Public Works (RBPW) may go into closed executive session at this meeting if such action is approved by a majority vote of the members who constitute a quorum, to discuss legal, confidential or privileged communications under RSMo (Supp. 1997) Section 610.021(1); real estate under RSMo (Supp. 1997) Section 610.021(2); personnel actions under RSMo (Supp. 1997) Section 610.021(3); records under RSMo (Supp. 1997) Section 610.021(14) which are otherwise protected from disclosure by law; or any other provisions under RSMo (Supp. 1997) Section 610.021.

REGULAR SESSION – June 2, 2026

~ Meeting was held in the Board Room at RMU's Tucker Professional Center at 4:30 p.m. ~

The meeting was called to order at 4:33 p.m. by Rolla Board of Public Works (RBPW or Board) President, Nick Barrack, presiding. The following were present:

Board members:	President, Nick Barrack	
	Vice President, Dr. Wm. E. Showalter	
	Secretary, Joe Polizzi	
	Vice Secretary, Fred L. Stone	
RMU Staff:	General Manager, Floyd Wolf	
	Finance Manager, Gwen Cresswell	
	Business Manager, Jason Grunloh	
	Engineering Manager, Chad Davis	
	Electric Superintendent, Eric Lonning	
	Water Superintendent, Jason Bell	
Guests:	Craig Woycheese, Toth & Associates	(via Teams)
	Paul Ruban, Toth & Associates	(via Teams)

Minutes submitted, according to Agenda, by RMU's Administrative Assistant, Megan Saylors.

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I. APPROVAL OF MINUTES

Showalter made a motion, seconded by Stone, for the minutes of the Regular and Closed Sessions of the May 5, 2026 Board meeting and the minutes from the May 26, 2026 Board Workshop be approved as presented. Motion passed unanimously.

II. CITIZEN COMMUNICATION (none)**III. SPECIAL PRESENTATION**

ELECTRIC COST-OF-SERVICE STUDY Cresswell introduced Craig Woycheese from Toth & Associates, who was in attendance by teleconference. Woycheese gave a PowerPoint presentation of the results of the study they conducted for RMU's cost of Service for electric services.

IV. STAFF REPORTS**A. FINANCE MANAGER'S REPORT** (presented by Cresswell)

1. The Board received the Statement of Income & Expenses reports for April 2026 (FY26). Cresswell reviewed the reports:

- Operating income for April (FY26) was \$2,928,000, an increase of more than \$350,000 compared to April 2025. Year-to-date operating income totals \$22,000,000 which is \$1,440,000 higher than the same period last year.
- Purchased power expenses totaled \$1,932,000 for April. Year-to-date purchased power totals \$16,277,000 compared to \$15,003,000 at this time last year.
- Total operating expenses for April, including purchased power, were \$2,842,000 and \$23,047,000 year-to-date, representing an increase of more than \$958,000 year-to-date. As a result, April closed with an operating gain of \$86,000 contributing to a year-to-date operating loss of \$1,059,000.
- By department, the Electric department shows a year-to-date operating loss of \$1,658,000, while the Water department reports an operating gain of \$271,000. Power Production reflects a year-to-date operating gain of \$307,000.
- Other income and expenses totaled \$191,000 for the month, resulting in a net gain of \$276,922 for April and a fiscal year-to-date net gain of \$113,085.

2. Cresswell presented RMU's Financial Statement, Statistics Report and the Disbursement Summary (April 2026) for Board approval.

Polizzi made a motion, seconded by Stone, that the statistics and financial statement be approved as presented and forwarded to the City of Rolla. Motion passed unanimously.

3. FEMA Update

Cresswell announced that RMU has received \$51,530 from FEMA to support the repair of the Service Department roof that was damaged by last year's tornado. This is 75% of the remaining repair costs that were not covered by insurance.

Additionally, Cresswell stated a FEMA award of \$1,262,236 has been finalized. This is funding for the electric grid repairs following the tornado. The agreement has been signed, but those funds have not yet been received.

4. Service Center Building Expansion

Cresswell reported that contractors have completed about 75% of the interior framing for offices in the existing building and they are wrapping up plumbing work in the basement. In the next 30 days, excavation for the new entry vestibule and addition will begin. In the next 60 days, the contractor plans to install door frames and pour the footings for the new structure. The retaining wall along the north side of the property has been installed, and the final steps on that project are being completed. The most recent field observation reports from ArchImages were included in Board packets.

B. BUSINESS MANAGER'S REPORT

(presented by Grunloh)

1. MIRMA Cyber Security Insurance

Grunloh explained that MIRMA has reinstated cyber security coverage as part of our insurance package. To meet the requirements for this coverage, RMU will implement monthly cybersecurity training for all staff and multi-factor authentication to access our database remotely. These measures will qualify RMU for an additional \$1,000,000 in coverage. Additionally, having the insurance meets the auditor's previous recommendation that RMU obtain coverage for cyber-attack risks.

2. Team Development Event

Grunloh announced that a Team Development Event will be held on June 19, 2026, at Green Acres Park. To ensure all staff can participate, the office will close at 11:00 on that Friday. Grunloh invited Board members to attend.

C. ENGINEERING MANAGER'S REPORT

1. Update on RMU projects

(presented by Davis)

Davis highlighted current work projects found in the Operations Report which include:

- Audubon Ridge Subdivision: Electric crews have been working on overhead electric distribution system extension along White Columns Drive and underground improvements in subdivision. Water crew is making improvements to the water system leading up to the subdivision. The water system within the subdivision will be constructed by the developer.
- Generator EP02 required additional cooling system repairs but is now back in service.
- The White Columns Pump Station was put into service last week.

A complete list with details of electric, fiber and water projects was included in the Board packet.

2. Reliability Statistics

Davis presented the 2025 Reliability Statistics Report. RMU shows a 99.99% reliability rate, and we continue to improve the accuracy of our data. Davis noted that the industry standard to calculate the statistics uses the outages during the calendar year lasting longer than five minutes and does not include major events. The majority of electric outages are due to natural causes (weather, vegetation, squirrels). The water reliability statistics are fairly consistent from year to year and showed an increase in water main issues in 2025. RMU has replaced water mains over time with PVC, and continues to replace old water mains, and the change reflects in the decrease in issues. When compared to statistics from 20-30 years ago, significant improvements are seen.

D. GENERAL MANAGER'S REPORT

(presented by Wolf)

1. FY2027 Budget

Wolf reviewed the draft budget which was included in the Board packet. The proposed FY27 I budget reflects a minor rate increase in both electric and water departments. Considerable time has been spent reviewing RMU's customer classes and the associated Service Availability Fees (SAF), particularly for Residential and Commercial 3-Phase customers. The current recommendation from the cost-of-service study (COSS) is to increase the SAFs. Wolf reported on the financial impact with SAF increases. Wolf noted that Toth and Associates confirmed that RMU's current SAF levels align with industry standards and our customer classifications are consistent with common industry practice. Wolf mentioned that the draft budget aligns with what was discussed at the Board workshop, and management is not recommending any changes beyond those included in the COSS and the draft budget presented. Wolf reiterated that no vote is needed at this time and welcomed further input. Board discussion followed.

A Public Hearing will be held at the June RBPW meeting where any suggested modifications to the budget and rate plan will formally be presented. The public is invited to attend. A final version will be presented at the July meeting for approval. Wolf will present the approved budget and rates to City Council in August for comment prior to an effective date of October 1, 2026. There were no questions or concerns from the Board.

V. UNFINISHED BUSINESS *(none)*

VI. NEW BUSINESS *(none)*

VII. CLOSED SESSION *(none)*

VIII. ADJOURNMENT

With no further business to discuss, Polizzi made a motion, seconded by Stone, to adjourn. Motion passed unanimously. The meeting adjourned at 5:27 p.m.

Nicholas Barrack, President

Joseph Polizzi, Secretary

The Board's next meeting is scheduled for Tuesday, June 23, 2026 at 4:30 p.m.

REGULAR SESSION – June 23, 2026

~ Meeting was held in the Board Room at RMU's Tucker Professional Center at 4:30 p.m. ~

The meeting was called to order at 4:40 p.m. by Rolla Board of Public Works (RBPW or Board) President, Nick Barrack, presiding. The following were present:

Board members:	President, Nick Barrack	
	Secretary, Joe Polizzi	(by phone)
	Vice Secretary, Fred L. Stone	(by phone)
RMU Staff:	General Manager, Floyd Wolf	
	Finance Manager, Gwen Cresswell	
	Business Manager, Jason Grunloh	
	Engineering Manager, Chad Davis	
	Water Superintendent, Jason Bell	

Minutes submitted, according to Agenda, by RMU's Administrative Assistant, Megan Saylor.

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I. **APPROVAL OF MINUTES** (none)

II. **CITIZEN COMMUNICATION**

A. **Public Hearing for proposed FY2027 Budget & Rates**

Wolf reported on the finalized FY2027 Budget, Rates and Fees noting that minor rate increases are scheduled for the electric and water departments. Residential Electric Rates will increase \$.091 to \$.095/kWh. The water service rates will increase \$0.10 to \$4.75 per 1,000 gallons. Wolf noted that Service Availability Fees will have a slight increase as well.

Barrack opened the Public Hearing at 4:41. There were no comments concerning the FY2027 proposed budget and rates, and the public hearing was closed.

III. **SPECIAL PRESENTATION**

IV. **STAFF REPORTS**

A. **FINANCE MANAGER'S REPORT** (presented by Cresswell)

1. The Board received the Statement of Income & Expenses reports for May 2026 (FY26). Cresswell reviewed the reports:

- Operating income for May (FY26) was \$2,956,000, an increase of more than \$585,000 compared to April 2025. Year-to-date operating income totals \$24,944,000 which is \$2,026,000 higher than the same period last year.
- Purchased power expenses totaled \$2,106,000 for April. Year-to-date purchased power totals \$18,384,000, reflecting an increase of more than \$1,596,000 from this time last year.
- Total operating expenses for May, including purchased power, were \$3,430,000. Year-to-date operating expenses total \$26,476,000, up approximately \$1,139,000 from last year.
- The total operating loss for the year is \$1,533,000 which is an improvement of more than \$886,000 compared to this time last year. This improvement is primarily due to the tornado that occurred in March 2025.
- By department, the Electric department shows a year-to-date operating loss of \$2,250,000, while the Water department reports an operating gain of \$260,000. Power Production reflects a year-to-date operating gain of \$521,000.
- Other income and expenses totaled \$1,379,000 year-to-date, resulting in a net loss of \$153,953 for the fiscal year.

2. Cresswell presented RMU's Financial Statement, Statistics Report and the Disbursement Summary (May 2026) for Board approval.

Polizzi made a motion, seconded by Stone, that the statistics and financial statement be approved as presented and forwarded to the City of Rolla. Motion passed unanimously.

3. Service Center Building Expansion

Cresswell reported that Trigent completed about 95% of the interior framing and under-slab plumbing in the existing building. The footing for the new warehouse wall has been poured, and excavation for the new structure is underway. In the next 30 days, the contractor plans to install window and door frames and complete the excavation and entry vestibule. In the next 60 days, work is planned to include pouring concrete for the new structure and the beginning of drywall in the existing structure. The large retaining wall on the north side of the property has been installed, and the contractor is finishing the final steps of that portion of the project. The most recent field observation reports from ArchImages were included in Board packets.

4. Trigent Change Order

Cresswell presented a change order for the plumbing modifications for the Service Center building expansion. Trigent submitted a proposal totaling \$66,657.29. After reviewing the request, ArchImages agreed with the overall cost but raised concerns about the number of days allocated for the plumbing work. Based on their assessment, ArchImages recommended issuing a revised change order in the amount of \$42,846.90. Trigent did not agree to the revised pricing. **Polizzi made a motion, seconded by Stone, to authorize Cresswell and Wolf to negotiate a mutually acceptable cost for the plumbing modifications, with the total not to exceed \$66,657. Motion passed unanimously.**

B. BUSINESS MANAGER'S REPORT

(presented by Grunloh)

1. Peak Alerts

Grunloh reported that as done in previous years, during the summer Peak Alert season, he will be working with MPUA to monitor projections across the state to help predict the power pool's peak energy usage days. Customers should safely conserve as much energy as possible during Peak Alert periods. Grunloh gave the reminder that a Peak Alert does not indicate an energy shortage; the program's goal is to help keep future power costs as low as possible. Grunloh noted that once AMI metering is implemented, we will be better able to monitor for success and evaluate potential updates or changes to the Peak Alert program.

C. ENGINEERING MANAGER'S REPORT

1. Update on RMU projects

(presented by Davis)

Davis highlighted current electric and water work projects found in the Operations Report. A complete list with details of electric, fiber and water projects was included in the Board packet.

D. GENERAL MANAGER'S REPORT

(none)

UNFINISHED BUSINESS

(none)

V. NEW BUSINESS

A. FY2027 PROPOSED BUDGET, RATES & FEES

(presented by Wolf)

Wolf presented the proposed budget, rates and fees for FY2027 for final comments before being brought before the Board for approval at July's Board meeting. The approved budget, rates & fees will be presented to City Council on August 17th for comment prior to an effective date of October 1, 2026. No action is required at this time. The Board had no comments or concerns.

B. ELECTRIC SPECIFICATIONS

(no action taken)

C. WHITE COLUMNS PUMP STATION CHANGE ORDER *(presented by Davis)*

Davis presented a change order for the construction of the White Columns Pump Station as part of the Nagogami Pressure Zone project noting that construction of the pump station is complete. Davis explained that the bid documents included estimated quantities for materials with provisions to true-up the final quantities

and adjust the contracted total. As a result of unused materials and minor project adjustments, the associated costs have been subtracted from the contract total. Consistent with the RMU Purchasing Policy, approval by the Board is required for change orders over \$25,000 related to Board approved contracts. RMU Staff recommends approval of Change Order #1 to BuildTec Construction for a net deduction of \$34,710.46. **Stone made a motion, seconded by Polizzi, to approve the change order deduction in the amount of \$34,710.46 for the contract with BuildTec pertaining to the White Columns Pump Station. Motion passed unanimously.**

D. RFB #26-110 – TRUCK #15 *(presented by Cresswell)*

Cresswell presented the bid tabulations for a truck the Water Department will be using to pull the valve exercising trailer. As previously reported, a new state mandate requires RMU to inspect, maintain, and operate all water main valves in our system over a 10-year period. The new truck will complete the purchase of the equipment needed to fulfill the state's requirements. The FY2026 budget allocated \$50,000 for the purchase. Three truck options were received from Ed Morse through Sourcewell pricing. Staff recommend approval of the lowest bid from Ed Morse for a 2026 Chevrolet Silverado 2500HD in the amount of \$49,181. **Stone made a motion, seconded by Polizzi, to approve the bid of \$49,181 for a 2026 Chevrolet Silverado 2500 from Ed Morse dealership. Motion passed unanimously.**

VI. CLOSED SESSION *(none)*

VII. ADJOURNMENT

With no further business to discuss, **Polizzi made a motion, seconded by Stone, to adjourn. Motion passed unanimously. The meeting adjourned at 5:08 p.m.**

Nicholas Barrack, President

Joseph Polizzi, Secretary

The Board's next meeting is scheduled for Tuesday, July 28, 2026 at 4:30 p.m.

ROLLA MUNICIPAL UTILITIES

Rolla Board of Public Works Agenda

MANAGER: Gwen Cresswell

ACTION REQUESTED: Approve June FY2026 reports for the City

ITEM/SUBJECT: June 2026 Financials

BUDGET APPROPRIATION:

DATE: 07/28/2026

COMMENTARY:

Notes to Statement of Income & Expenses

June operating income totaled \$2,932,000, which is approximately \$373,000 higher than June of last year. Year-to-date operating income stands at \$27,875,000, an increase of about \$2,400,000 compared to the same period last year.

Purchased power expenses for June were \$1,983,000. Year-to-date purchased power costs total \$20,367,000, reflecting an increase of more than \$1,627,000 from this time last year.

Total operating expenses for June were \$2,919,000, including purchased power. Year-to-date operating expenses are \$29,395,000, up approximately \$1,196,000 from last year.

The total operating loss for the year is \$1,519,000, representing an improvement of more than \$1,202,000 compared to this time last year. This improvement is primarily due to the tornado that occurred in March 2025.

By department, the Electric Department shows a year-to-date operating loss of \$2,344,000, while the Water Department reports an operating gain of \$151,000. The Power Production Department shows a year-to-date operating gain of \$661,000.

Other income and expenses contributed \$1,602,000 for the year, resulting in a total net gain of \$82,721 year-to-date.

IV. A. 1.

Rolla Municipal Utilities
Statement of Income & Expense - Company Wide
FY 2026 for 9 months ended June 30 , 2026 (75%)

	Jun-26	Jun-25	YTD FY2026	LYTD FY2025	BUDGET FY2026	PERCENT OF BUDGET
OPERATING INCOME						
Residential Sales	961,506	943,071	10,835,952	10,424,314	15,122,575	71.65%
Commercial Sales	666,823	483,673	5,090,122	4,575,872	6,555,154	77.65%
Power Service Sales	650,361	627,930	6,149,453	5,658,873	8,318,240	73.93%
Industrial Sales	517,591	489,972	5,043,491	4,690,288	6,433,960	78.39%
Street Lighting	13,758	14,198	136,812	139,016	179,200	76.35%
Area Lighting	8,520	10,585	64,373	70,181	93,250	69.03%
Capacity Credits	146,891	28,652	849,065	257,546	1,300,000	65.31%
Operating Credit	2,178		28,953	13,483	20,000	144.76%
Electric Rate Stabilization Fund	(60,000)	(60,000)	(540,000)	(540,000)	(720,000)	75.00%
Utility Surcharge NPZ			-	-	407,889	0.00%
Interdepartmental Sales - City	24,123	20,783	217,107	187,046	289,476	75.00%
Total Operating Income	\$ 2,931,751	\$ 2,558,863	27,875,328	25,476,620	37,999,744	73.36%
OPERATING EXPENSES						
Purchased Power	1,983,480	1,951,810	20,367,097	18,739,295	24,900,000	81.80%
Asset Charges	893,076	816,153	8,110,650	8,367,399		
Load Charges	930,421	983,107	10,493,910	8,837,596		
Transmission Charges	159,983	152,551	1,762,537	1,515,930		
Other Power Charges			-	18,370		
Distribution	245,387	250,030	2,463,593	3,168,996	3,759,000	65.54%
Source of Supply & Plumbing	47,128	39,684	438,612	406,840	605,000	72.50%
Customer Accounting & Collecting	78,122	58,293	631,150	615,313	867,000	72.80%
Treatment	5,544	9,901	59,207	52,834	115,000	51.48%
Administrative & General	331,946	331,692	3,317,162	3,242,748	4,241,000	78.22%
Electric & Water - RMU Facilities	3,312	3,121	39,413	36,885	25,000	157.65%
Fuel - Power Production			40,639	-	40,000	101.60%
NPZ transfer to Electric Res			-	-	407,889	0.00%
Depreciation - RMU	223,900	217,045	2,037,940	1,935,683	2,665,000	76.47%
Total Operating Expenses	\$ 2,918,819	\$ 2,861,576	29,394,812	28,198,594	37,624,889	78.13%
Operating Income or Loss	\$ 12,932	\$ (302,712)	(1,519,484)	(2,721,975)	374,855	-405.35%
OTHER INCOME & EXPENSE						
Interest Income	68,430	90,039	664,128	852,662	1,000,000	66.41%
Late Fees	25,069	40,702	236,342	207,760	300,000	78.78%
Frontage Fees			-	-	3,000	0.00%
Capital Reimbursement			-	66,854	66,500	0.00%
Gain/Loss - Fixed Assets	27,000		84,547	-	25,000	338.19%
Rental Income	1,256	1,170	17,300	16,530	28,000	61.78%
Contractor Mains			-	-	-	
Other Income	104,522	864,823	696,090	1,050,421	2,530,000	27.51%
Other Income Deductions	(2,891)	(5,049)	(139,051)	(44,367)	(50,000)	278.10%
Inter. Expenses - City RAW Mgr			42,849	(13,136)	(50,000)	-85.70%
Total Other Income & Expense	\$ 223,385	\$ 991,685	1,602,205	2,136,723	3,852,500	41.59%
NET INCOME OR LOSS	\$ 236,317	\$ 688,973	82,721	(585,251)	4,227,355	1.96%

Rolla Municipal Utilities
Statement of Income & Expense - Electric Department
FY 2026 for 9 months ended June 30, 2026 (75%)

	Jun-26	Jun-25	YTD FY2026	LYTD FY2025	BUDGET FY2026	PERCENT OF BUDGET
OPERATING INCOME						
Residential Single Phase Sales	753,394	737,144	8,879,576	8,576,897	12,530,800	70.86%
Residential Three Phase Sales	11,002	9,338	128,730	116,551	145,750	88.32%
Commercial Single Phase Sales	121,881	122,040	1,250,912	1,218,657	1,752,400	71.38%
Commercial Three Phase Sales	469,190	285,130	3,123,472	2,690,879	3,847,200	81.19%
Power Service Sales	602,549	561,157	5,637,126	5,151,014	7,497,000	75.19%
Industrial Sales	487,903	302,017	4,762,756	4,127,341	6,043,200	78.81%
Rate Stabilization	(60,000)	(60,000)	(540,000)	(540,000)	(720,000)	75.00%
Street Lighting	13,758	14,198	136,812	139,016	179,200	76.35%
Area Lighting	8,520	10,585	64,373	70,181	93,250	69.03%
Interdepartmental Sales - City	15,439	13,301	138,948	119,709	185,265	75.00%
Total Operating Income	\$ 2,423,635	\$ 1,994,909	23,582,705	21,670,245	31,554,065	74.74%
OPERATING EXPENSES						
Depreciation	126,622	121,417	1,156,197	1,088,957	1,552,400	74.48%
City of Rolla Expense - RAW Mgr			42,849	13,136	50,000	85.70%
Purchased Power	1,983,480	1,951,810	20,367,097	18,739,295	24,900,000	81.80%
Asset Charges	893,076	816,153	8,110,650	8,367,399		
Load Charges	930,421	983,107	10,493,910	8,837,595		
Transmission Charges	159,983	152,551	1,762,537	1,515,931		
Other Power Charges		-	-	18,370		
Misc. Distribution Expense	39,973	41,051	329,905	1,278,678	497,000	66.38%
O & M Sub-Transmission Lines			-	-	1,000	0.00%
Maintenance of Warehouse Bldg.	960	54	17,087	22,833	20,000	85.44%
O & M Station Equipment	30	35	10,335	21,511	50,000	20.67%
O & M Bulk Stn-Trans Station Equip.	710	1,204	75,799	12,265	-	
O & M Overhead Lines	99,057	103,814	893,286	853,405	1,300,000	68.71%
O & M Underground Lines	3,079	12,234	160,030	38,801	105,000	152.41%
Maintenance to Line Transformers	-		9,695	22,389	50,000	19.39%
O & M Streetlighting	14,570	15,601	164,331	154,633	240,000	68.47%
O & M Sub-Transmission Meters	11,778	16,329	88,459	93,245	130,000	68.05%
Cost of Electric Plant Removal	-		2,912	-	1,000	291.18%
Meter Reading Expenses	5,105	6,056	45,655	50,126	75,000	60.87%
Customer Records & Coll. Expense	44,131	30,743	354,655	342,228	520,000	68.20%
Uncollectible Accounts	-		-	-	25,000	0.00%
Uncoll. Accts - Recover Less Fees	-	(589)	(2,094)	(4,049)	-	
Advertising Expense	-		9,117	12,745	20,000	45.59%
Administrative & General	18,016	17,491	190,589	114,302	454,000	41.98%
Office Supplies & Expense	6,446	15,199	143,144	171,279	196,000	73.03%
Outside Services Employed	9,253	659	63,473	1,543	104,000	61.03%
Insurance	-		322,835	325,489	345,000	93.58%
Employee Benefits	138,330	119,767	1,305,596	1,387,088	1,900,000	68.72%
Electric & Water - Elec Dept 64%	2,120	1,997	25,224	23,606	-	
Miscellaneous General Expenses	14,625	42,041	147,138	103,361	25,000	588.55%
Maintenance to General Plant	1,705	2,293	22,354	18,912	30,000	74.51%
Other Income	(5,099)	(5,002)	(45,893)	(44,349)	-	
Other Income Deductions	2,330	3,231	26,888	28,395	-	
Total Operating Expenses	\$ 2,517,219	\$ 2,497,435	25,926,663	24,869,823	32,590,400	79.55%
Operating Income or Loss - Electric	\$ (93,584)	\$ (502,526)	(2,343,958)	(3,199,578)	(1,036,335)	226.18%

Rolla Municipal Utilities
Statement of Income & Expense - Water Department
FY 2026 for 9 months ended June 30, 2026 (75%)

	Jun-26	Jun-25	YTD FY2026	LYTD FY2025	BUDGET FY2026	PERCENT OF BUDGET
OPERATING INCOME						
Residential Single Phase Sales	187,909	187,049	1,728,299	1,686,687	2,522,060	68.53%
Residential Three Phase Sales	1,267	1,283	20,615	20,454	25,785	79.95%
Water District Special Sales	7,935	8,258	78,731	23,725	139,500	56.44%
Commercial Single Phase Sales	46,456	47,163	438,949	408,592	480,000	91.45%
Commercial Three Phase Sales	29,296	29,340	276,789	257,743	373,734	74.06%
Power Service Sales	47,812	66,773	512,327	507,859	693,240	73.90%
Industrial Sales	16,459	18,305	163,705	165,513	226,860	72.16%
MS&T Special Sales - 6" Meters	13,229	12,128	117,031	103,108	152,400	76.79%
Interdepartmental Sales - City	8,684	7,482	78,159	67,336	104,211	75.00%
Total Operating Income	\$359,047	\$377,781	3,414,605	3,241,018	4,717,790	72.38%
OPERATING EXPENSES						
Depreciation	94,605	92,955	857,420	822,401	1,112,600	77.06%
O&M - Wells and Well Houses	5,705	5,652	55,207	71,375	105,000	52.58%
Fuel or Power for Pumping	41,423	34,032	382,245	335,466	500,000	76.45%
O&M - Pumps & Houses	-	-	1,160	-	-	-
Chemicals	2,047	6,816	16,980	22,583	15,000	113.20%
O&M - Treatment	3,497	3,085	42,227	30,251	100,000	42.23%
Misc. Distribution Expense	23,223	24,118	209,126	192,559	269,000	77.74%
O&M - Towers	764	425	16,628	3,283	8,000	207.85%
O&M - Mains	39,270	26,927	271,769	253,337	450,000	60.39%
O&M - Meters	3,038	4,146	33,589	38,058	70,000	47.98%
O&M - Service Lines	3,940	3,191	51,957	48,626	80,000	64.95%
Maintenance of Hydrants	3,001	-	14,542	10,325	12,000	121.18%
Meter Reading Expenses	4,063	5,122	36,374	41,854	62,000	58.67%
Primacy Fees	51,533	50,101	51,533	102,514	55,000	93.70%
Customer Records & Coll. Expense	24,824	17,293	197,768	187,336	175,000	113.01%
Uncollectible Accounts	-	-	-	-	10,000	0.00%
Uncoll. Accts - Recover Less Fees	(331)	-	(1,210)	(2,182)	-	-
Advertising Expense	41	-	3,055	5,383	10,000	30.55%
Administrative & General	10,134	9,839	106,819	72,644	226,000	47.27%
Office Supplies & Expense	3,626	8,590	77,159	88,654	75,000	102.88%
Outside Services Employed	3,997	371	49,437	3,393	46,000	107.47%
Insurance	-	-	133,314	133,012	150,000	88.88%
Employee Benefits	57,131	53,689	564,293	587,589	850,000	66.39%
Electric & Water - Water Dept 36%	552	493	6,271	5,712	-	-
Miscellaneous General Expenses	11,561	8,858	74,825	69,262	8,000	935.31%
Maintenance to Warehouse Bldg	540	31	9,612	12,531	8,000	120.14%
Maintenance to General Plant	959	1,290	12,574	10,638	10,000	125.74%
Other Income	(2,868)	(2,814)	(25,815)	(24,946)	-	-
Other Income Deductions	1,310	1,817	15,185	15,972	-	-
Total Operating Expenses	\$387,873	\$355,737	3,264,045	3,137,629	4,880,600	66.88%
Operating Income or Loss - Water	\$ (28,827)	\$ 22,045	150,560	103,389	(162,810)	-92.48%

Rolla Municipal Utilities
Statement of Income & Expense - Power Production Department
FY 2026 for 9 months ended June 30, 2026 (75%)

	Jun-26	Jun-25		YTD FY2026	LYTD FY2025	BUDGET FY2026	PERCENT OF BUDGET
OPERATING INCOME							
Capacity Credits	146,891	28,652		849,065	257,546	1,300,000	65.31%
Operating Credit	2,178			28,953	13,483	20,000	144.76%
Total Operating Income	\$ 149,069	\$ 28,652		878,018	271,029	1,320,000	66.52%
OPERATING EXPENSES							
PP - Depreciation	2,673	2,673		24,323	24,324	30,000	81.08%
PP - O - Supervision & Engineering				158	-	-	
PP - O - Fuel				40,639	-	40,000	101.60%
PP - O - Generation Expense				-	-	5,000	0.00%
PP - O - Misc. Power Generation	3,141			25,537	19,299	5,000	510.75%
PP - M - Generation & Elect Equip.	1,697	1,500		112,448	68,647	130,000	86.50%
PP - Insurance				1,756	1,862	2,000	87.81%
PP - Employee Benefits	1,489	1,464		12,186	13,036	22,000	55.39%
Total Operating Expenses	\$ 9,000	\$ 5,637		217,048	127,168	234,000	92.76%
Operating Income or Loss - Power Prod.	\$ 140,069	\$ 23,015		660,970	143,861	1,086,000	60.86%



**FINANCIAL STATEMENT
JUNE 2026**

RECEIPTS:

Electric, Water, Tax, Sewer and Refuse Charge
Accounts Receivable - Miscellaneous
Customer's Deposits - Refundable
Misc Non-Operating Revenue
Total Receipts

\$4,037,593.15

FSCB General Fund Account Interest (May 31, 2026) \$3.49
FSCB Electronic Payment Account Interest (May 31, 2026) \$50.68
PCB General Fund Account Interest (May 31, 2026) \$6,224.03
PCB Electronic Payment Account Interest (May 31, 2026) \$1,943.78
PCB ICS Sweep Account Interest (May 31, 2026) \$62,817.61
Public Utility Cash In Bank (May 31, 2026) \$24,705,498.60
Total Receipts and Cash In Bank

\$28,814,131.34

DISBURSEMENTS:

Power Purchased \$1,960,474.57
Operating Expenses \$181,724.28
Administrative and General Expenses \$150,291.21
Payroll \$245,442.36
Capital Expenditures \$72,672.75
Construction in Progress \$635,279.67
Stock Purchases (Inventory) \$56,058.00
Balance of Customer's Deposits after Finals \$47,108.95
Medical, Dental, Vision and Life Insurance Paid by Employees \$20,255.34
Support Payments \$1,350.00
457 Plan RMU/Employee Contributions \$18,953.94
Flexible Spending Account Contributions \$575.00
U.S. Withholding Tax \$31,625.50
Missouri Dept. of Revenue (Sales Tax) \$44,555.94
Missouri Dept. of Revenue (Income Tax) \$11,329.00
Phelps County Bank (Social Security) \$49,333.96
Sewer Service Charge \$476,052.38
Refuse Service Charge \$278,217.81
PILOT to City of Rolla \$140,542.84
City Right-of-Way Manager \$0.00
Utility Incentives \$0.00
Unclaimed Deposits to State \$0.00
Primacy Fees \$0.00
Working Fund Voids -\$307.63
Check # Voided \$0.00

\$4,421,535.87

Cash in Bank (June 30, 2026) \$24,392,595.47
Total Disbursements and Cash In Bank

\$28,814,131.34

BALANCE OF OTHER FUNDS:

TOTAL PUBLIC UTILITY ACCOUNTS BALANCES: \$1,501,309.47

ELECTRIC RESERVES:

Money Market Account \$8,214,249.99 Partially Funded
Rate Stabilization Fund \$1,980,000.00 Partially Funded
Total Electric Reserves \$10,194,249.99

RESTRICTED ELECTRIC RESERVES:

Money Market Account \$11,798,771.20 FY21 Funded
Total Electric Reserves \$11,798,771.20
Service Center Expansion -\$9,150,000.00
AVAILABLE RESTRICTED ELECTRIC RESERVES \$2,648,771.20

WATER RESERVES:

Money Market Account \$216,965.81 Partially Funded
Rate Stabilization Fund \$681,299.00 Partially Funded
Total Water Reserves \$898,264.81

TOTAL RESERVES: **\$22,891,286.00**

TOTAL PUBLIC UTILITY ACCOUNTS AND RESERVES: **\$24,392,595.47**

*** Benchmark:**

Electric Reserves: \$12,262,763.00
Electric Rate Stabilization: \$3,065,691.00
Water Reserves: \$3,197,434.00
Water Rate Stabilization: \$799,359.00
\$19,325,247.00



STATISTICS

JUNE 2026

PRODUCTION

Date of Demand	06/30/2026
Time of Demand	5:00 PM
Billing Demand	58.4 MW
kWh Purchased	27,053,600
Total Cost	\$1,983,479.91
Cost per kWh	\$0.073317
Load Factor	64.34%

Pumped #2 Well	1,456,000
Pumped #3 Well	3,524,000
Pumped #4 Well	2,830,000
Pumped #5 Well	3,066,000
Pumped #6 Well	0
Pumped #7 Well	1,883,000
Pumped #8 Well	272,000
Pumped #9 Well	6,978,000
Pumped #10 Well	2,779,000
Pumped #11 Well	5,882,000
Pumped #12 Well	2,708,000
Pumped #13 Well	4,162,000
Pumped #14 Well	8,451,000
Pumped #15 Well	1,972,000
Pumped #16 Well	5,408,000
Pumped #17 Well	4,801,000
Pumped # 1 Ind Park Well	6,368,000
Pumped # 2 Ind Park Well	4,206,000
Pumped # 3 Ind Park Well	4,178,000
Total Gallons	70,924,000

METERS IN SERVICE	Electric	Water
Residential - Single Phase	8,155	6,494
Residential - Three Phase	25	20
Commercial - Single Phase	927	506
Commercial - Three Phase	495	314
Power Service	87	82
Industrial	7	2
Area Lighting	15	0
Street Lighting	24	0
Missouri S&T	0	11
PWSD #2	0	630
Total	9,735	8,059

ELECTRIC SALES

Residential - Single Phase kWh	5,818,590
Residential - Three Phase kWh	107,176
Commercial - Single Phase kWh	1,075,382
Commercial - Three Phase kWh	3,187,734
Power Service kWh	6,102,360
Industrial kWh	5,635,420
Area Lighting kWh	31,436
Street Lighting kWh	20,814
Rental Lights kWh	68,887
Total kWh Sold	22,047,799
Demand kW	26,858
Revenue	\$2,301,656.07
Monthly Loss	18.50%
Fiscal Year to Date Loss	4.97%

WATER SALES

Residential - Single Phase Gallons	24,170,000
Residential - Three Phase Gallons	180,000
Commercial - Single Phase Gallons	6,513,000
Commercial - Three Phase Gallons	5,112,000
Power Service Gallons	9,477,000
Industrial Gallons	3,474,000
Missouri S&T Gallons	2,670,000
PWSD #2 Gallons	1,519,000
Total Gallons Sold	53,115,000
Revenue	\$348,437.37
Pumping Cost, Electric	\$40,394.69
Monthly Unidentified Loss	20.67%
Fiscal Year to Date Unidentified Loss	13.24%

PILOT	\$132,608.83
Sewer Service Charge	\$430,171.84
Refuse Service Charge	\$277,268.63

Gross Payroll	\$349,474.44
---------------	--------------

** Loss includes 3,147,200 gallons per water main flushing records.

*** FY loss includes 30,271,700 gallons per water main flushing records.

ROLLA MUNICIPAL UTILITIES

Rolla Board of Public Works Agenda

MANAGER: Gwen Cresswell, Finance Manager

ACTION REQUESTED: None

ITEM/SUBJECT: Additional Financial Impacts

BUDGET APPROPRIATION:

DATE: 07/28/2026

COMMENTARY:

1. Retaining Wall Rock Removal - As reported during our March meeting, significant quantities of rock were encountered beneath the retaining wall area. At that time, the Board approved payment to Buildtech Construction for rock removal at a rate of \$300 per hour, with total costs not to exceed the original proposal's unit price per cubic yard, capped at \$165,000. Upon completion of the project, Buildtech Construction reported a total of 211 hours of rock-breaking work, resulting in a final cost of **\$63,300**.
2. MIRMA Safety Grants -During the month of June, RMU received safety grants totaling **\$9,680.30** from MIRMA, our insurance provider. The grants help fund the following equipment and safety improvements:
 - Aerial Bucket Rescue System: **\$430.76**
 - Valve Exercising Machine: **\$7,500.00**
 - Air Monitor for the Water Department: **\$1,349.54**
 - Truck Beacons: **\$400.00**
3. Reserves Transfer - To cover expenses associated with the Building and Retaining Wall projects, **\$1.4 million** was transferred from restricted electric reserves into the General Fund during the month

ROLLA MUNICIPAL UTILITIES

Rolla Board of Public Works Agenda

MANAGER: Gwen Cresswell

ACTION REQUESTED: None

ITEM/SUBJECT: Service Center Building Expansion

BUDGET APPROPRIATION:

DATE: 07/28/2026

COMMENTARY:

- In the existing building, Trigent reports approximately 95% of the MEP is complete aside from the HVAC. Framing and in wall plumbing in the existing building are complete. The CMU wall in the warehouse is in progress.
- Over the next 30 days, the contractor plans to install door frames, hang drywall, and pour the foundation for the front vestibule.
- Within the next 60 days, work is scheduled to include finishing drywall installation in the existing structure and pouring concrete for the new structure, as well as beginning on the HVAC rough in.
- Two change orders were approved this past month. One in the amount of \$10,993.72 for changes to the vestibule foundation plan and one in the amount of \$22,771.14 for the HVAC change.
- The most recent field observation reports from ArchImages are included in this packet.

Field Observation Report - 005

Report Date: 7/16/2026 @ 10:00am
Project Name: Rolla Municipal Utilities Department Integration
Project Address: 811 Highway O Rolla, MO 65401
Archimages Project Number: #22015

Weather Conditions: 91°F/ Sunny

Attendees: Gwen Cresswell, RMU
Kate Mitchell, Archimages
Zach Hantak, Archimages
Jordan Kellerman, Bartlett & West
Tonie Cahill, Cahills
Caleb Kretzinger, Cahills

Distribution: RMU Project Team
Archimages Project Team
Bartlett & West Project Team
Cahills Project Team

This confirms and records Archimages review of the project site. Unless notified, in writing, within seven days of the issue date, we will assume that the following interpretations or description are complete and accurate.

Work in Progress:

- Excavation for the new footing and the entry vestibule is on-going.
- Boot Wash Bay installation on-going.
- Lower-Level restroom plumbing piping installation on-going.

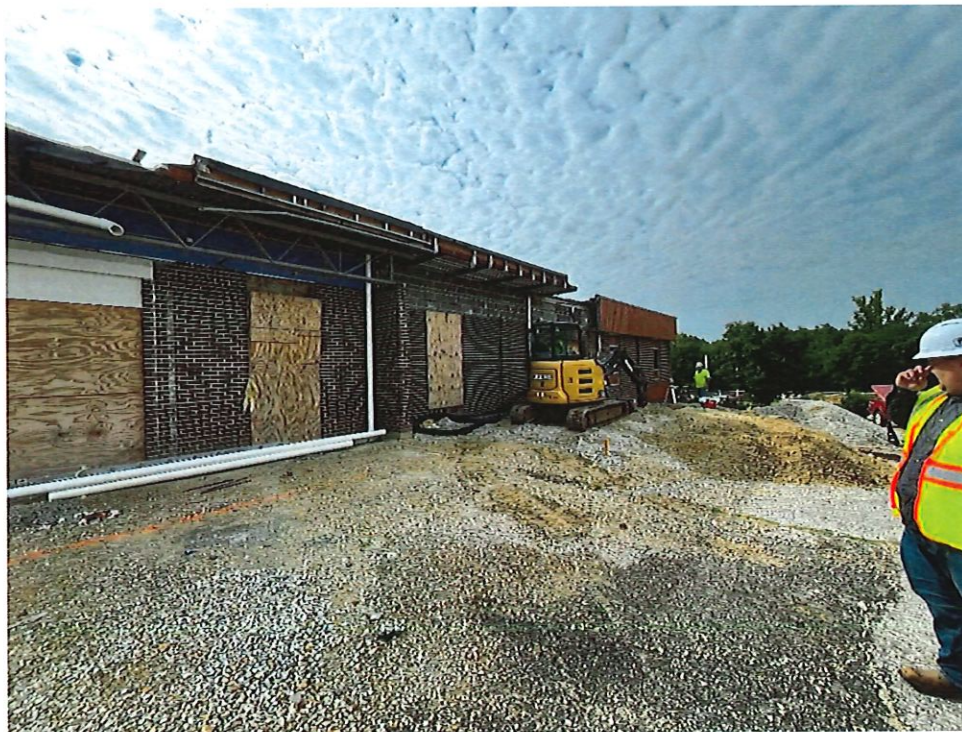
Observations:

- Interior wall and ceiling framing installed.
- Wood blocking in walls installed.
- Plumbing piping installed.
- Fire suppression installation on-going.
- CMU wall in the Warehouse Bay 1 installation on-going.
- Lower-Level entry doors and frames were demolished.
- Lower-Level partial concrete slab poured back.

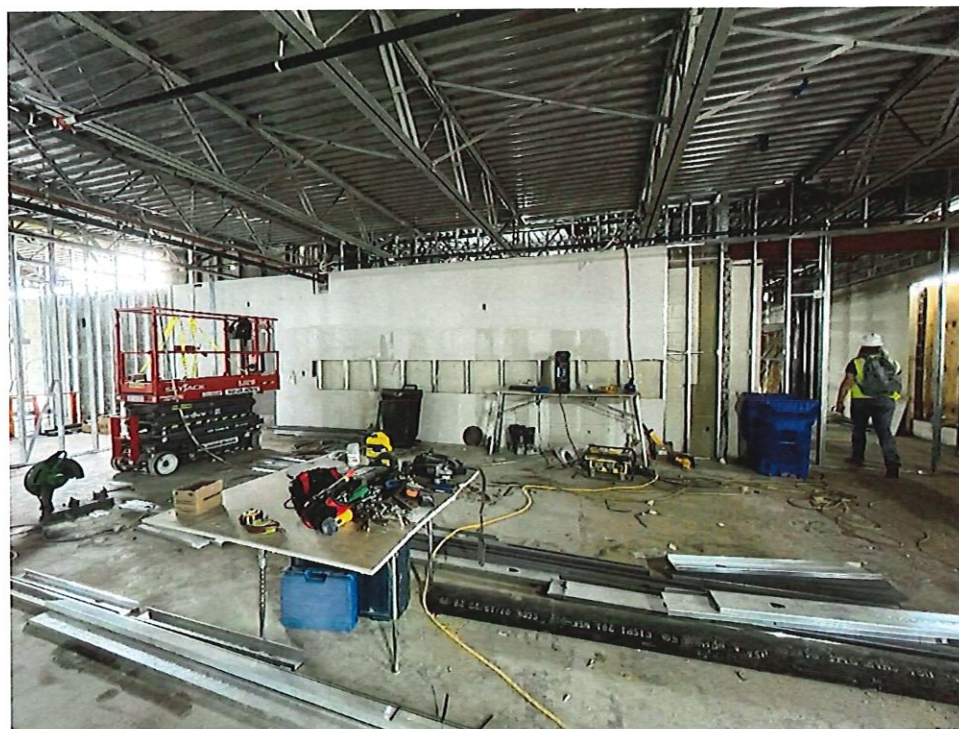
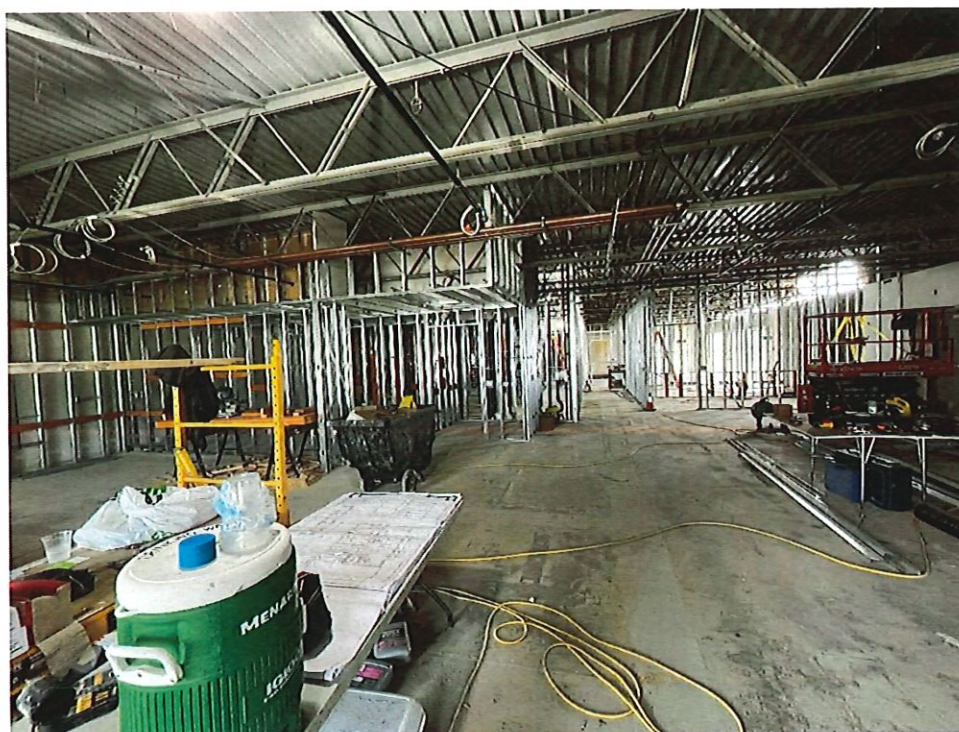
Action Items:

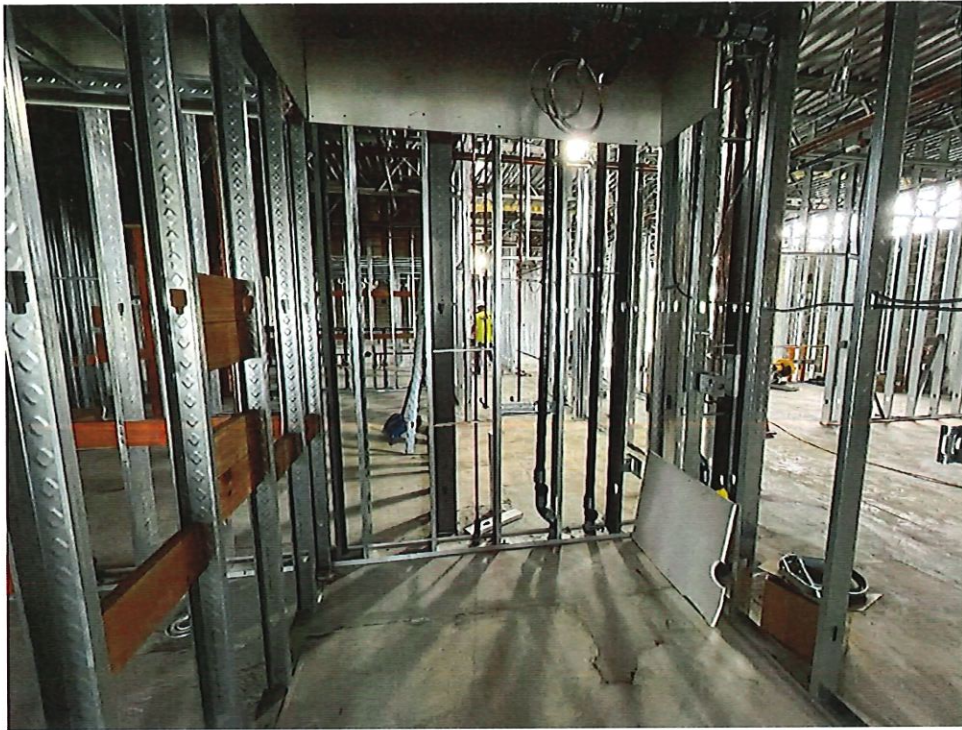
- Trigent/ Cahills to present alternate underpinning plan to the Design Team and Owner, with 3rd party engineer signature and seal, for review.

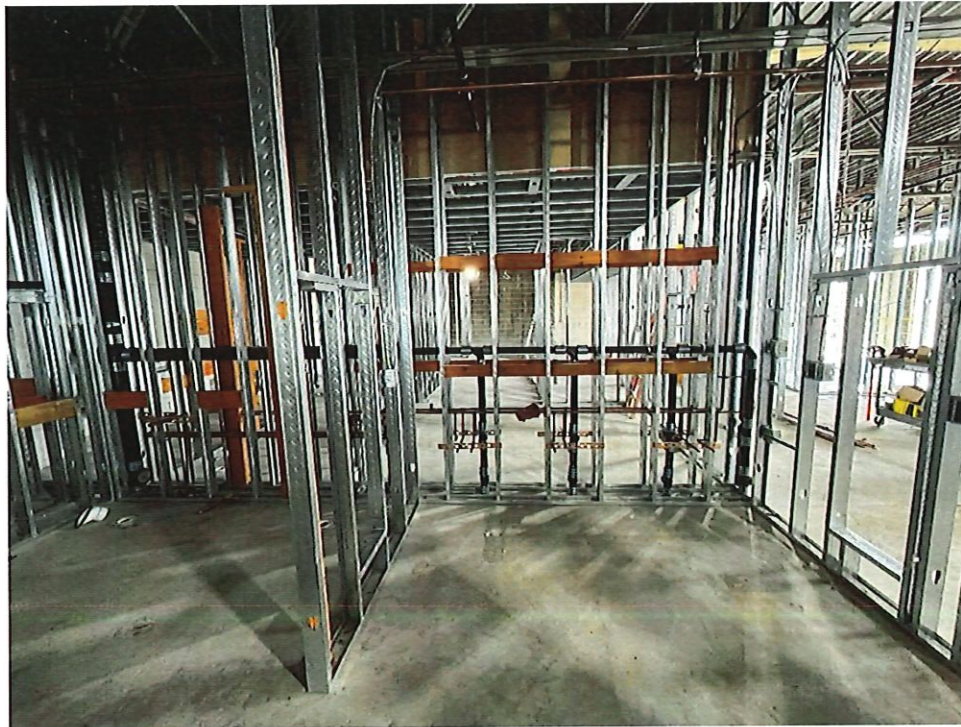
See photos on the following sheets.









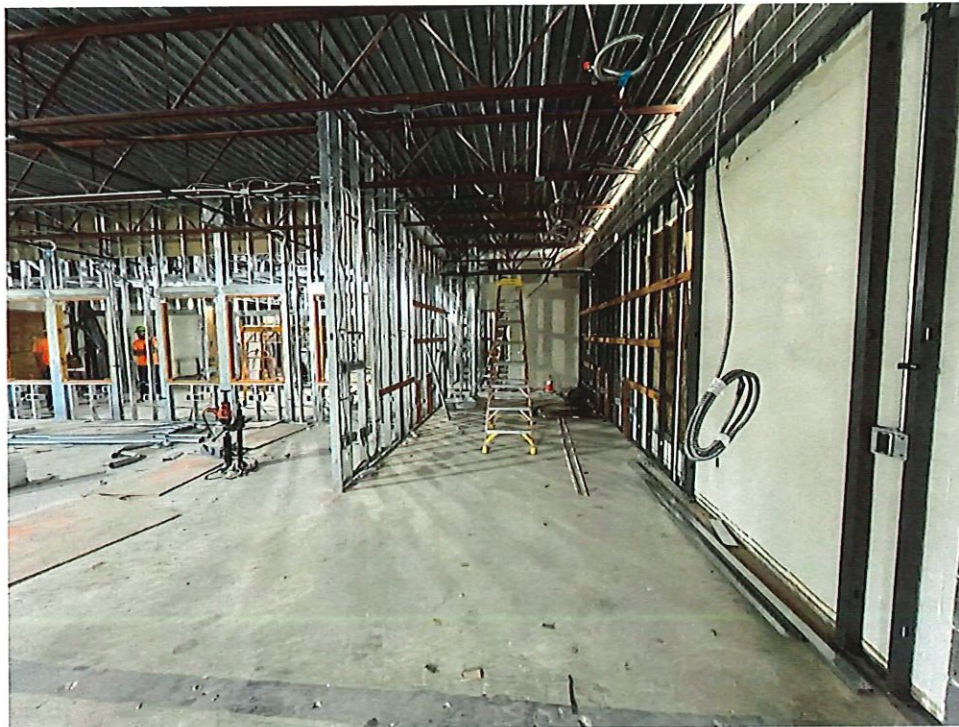


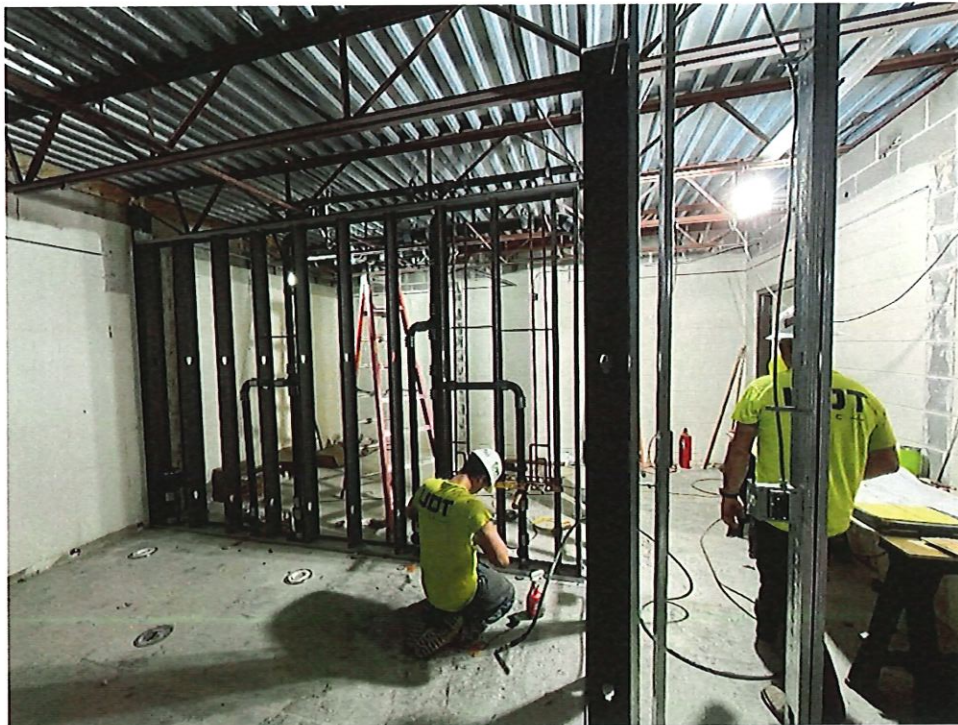










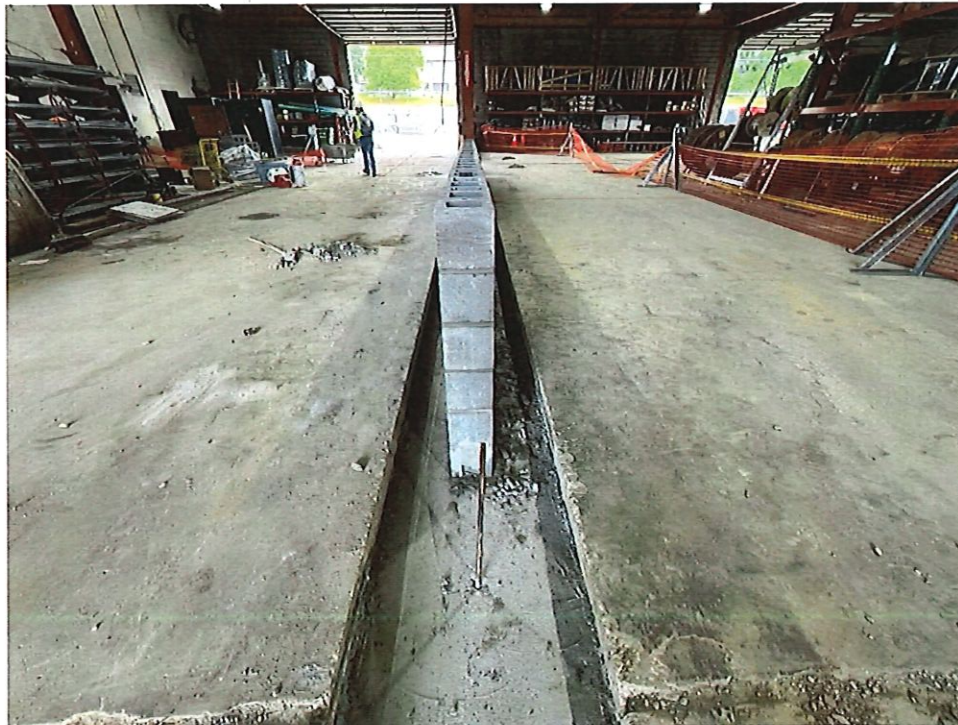
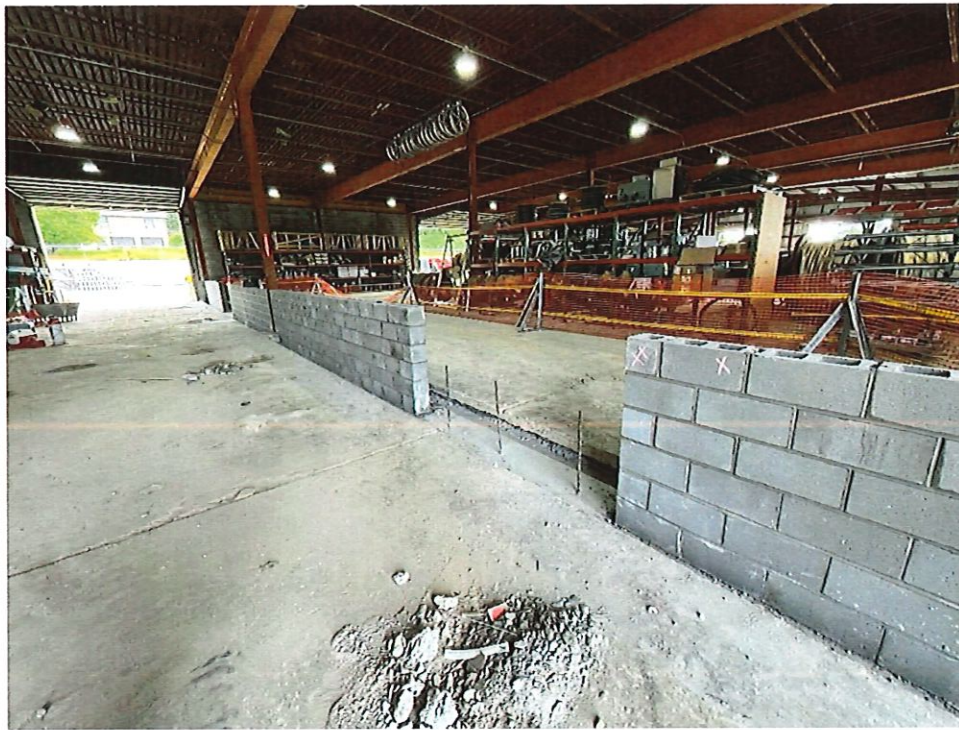


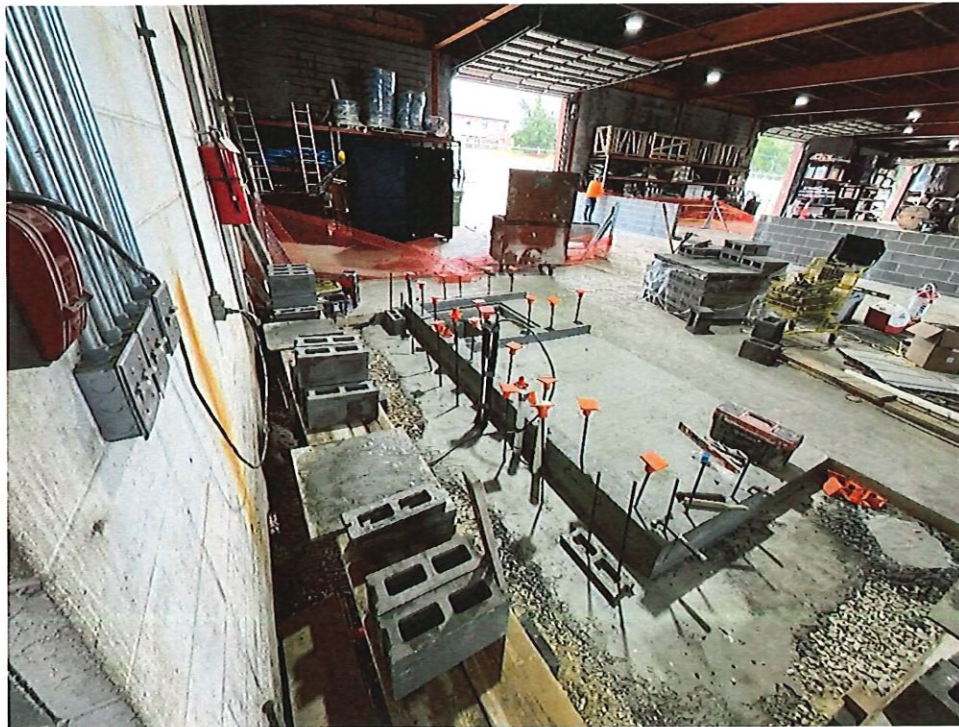


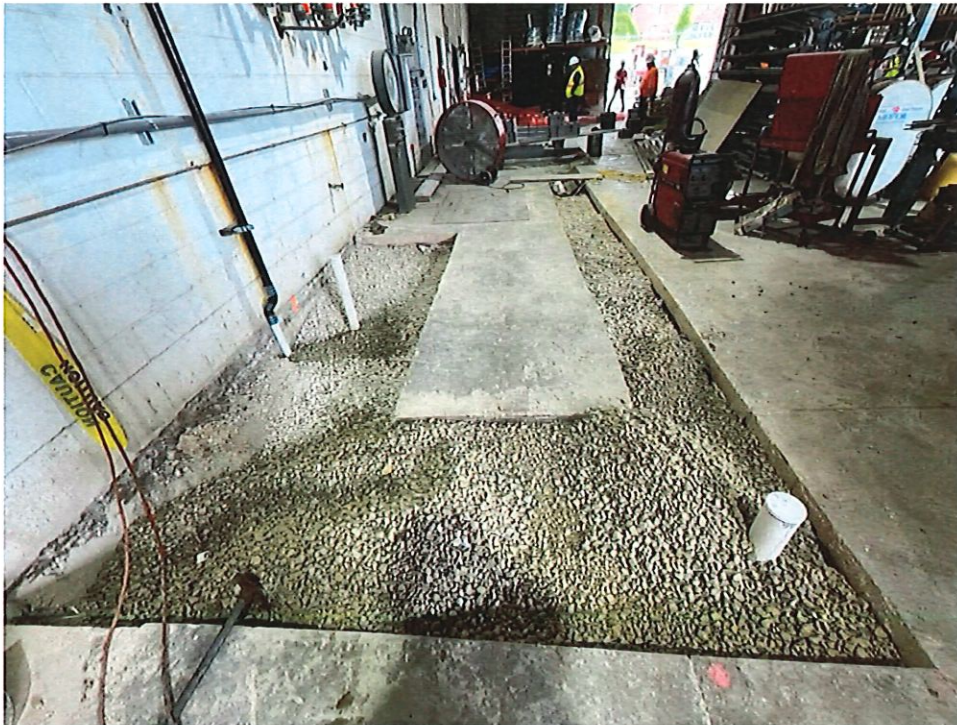












June 12, 2026
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Rolla Municipal Utilities
Check Register By Check Date

Page No: 1

Range of Checking Accts: GEN FUND PCB to GEN FUND PCB Range of Check Dates: 06/12/26 to 06/12/26
Report Type: All Checks Report Format: Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description			Contract
GEN FUND PCB		General Fund PCB			
53033	06/12/26	1061 CITY OF ROLLA			187
		26-02997 PILOT - APRIL 2026	140,542.84		
53034	06/12/26	1063 CITY OF ROLLA			187
		26-02998 REFUSE - MAY 2026	278,217.81		
53035	06/12/26	1064 CITY OF ROLLA			187
		26-02999 SEWER - MAY 2026	476,052.38		
53036	06/12/26	1084 ROLLA MUNICIPAL UTILITIES			187
		26-03218 PP 5.26.26-6.9.24	5,573.50		
53037	06/12/26	1165 ROLLA MUNICIPAL UTILITIES			187
		26-03028 LAGERS ADJUSTMENT MAY 2026	0.01		
		26-03226 MAY AUTOMATICS	33,780.19		
			33,780.20		
53038	06/12/26	1231 ROLLA MUNICIPAL UTILITIES			187
		26-03219 PP 5.26.26-6.9.24	15,579.17		
53039	06/12/26	1232 ROLLA MUNICIPAL UTILITIES			187
		26-03220 PP 5.26.26-6.9.24	120,201.88		
53040	06/12/26	1234 ROLLA MUNICIPAL UTILITIES			187
		26-03221 PP 5.26.26-6.9.24	24,311.02		
53041	06/12/26	1236 ROLLA MUNICIPAL UTILITIES			187
		26-03195 REIMBURSE 1ST JUNE WF	19,184.18		
53042	06/12/26	1294 FAMILY CENTER, THE			187
		26-03017 HYDRAULIC CYLINDER RETURNED	119.99-		
		26-03018 HARDWARE	0.75		
		26-03019 REPEL SPRAYS	29.97		
		26-03020 DEF ULTRA PREMIUM	15.99		
		26-03021 FLUORESCENT ORANGE SPRAY	8.99		
		26-03022 GLOVES & GLYPHOSATE	87.98		
		26-03044 ZINC THREADED ROD AND HARDWARE	0.00		
		26-03045 ROUNDUP	26.99		
		26-03046 TRIMMER LINE	21.00		
		26-03047 BRUSH KNIFE/MOTOMIX/HARDWARE	98.98		
		26-03196 LEAF RAKE	19.99		
		26-03197 PARTS & HARDWARE	202.94		
		26-03210 BAR & CHAIN OIL & PARTS	32.34		
		26-03211 BLACK PLUGS	7.45		
			433.38		
53043	06/12/26	1354 MISSOURI DEPT OF REVENUE			187
		26-02996 SALES TAX - MAY 2026	24,395.94		

Joe Polizzi

RB PW Signature

June 12, 2026
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Rolla Municipal Utilities
Check Register By Check Date

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void Ref Num
PO #		Description		Contract
GEN FUND PCB	General Fund PCB	Continued		
53044	06/12/26	1385 MO DEPT OF NAT RESOURCES		187
	26-03031	MATT DUNN #11356 DW-C RENEWAL	60.00	
53045	06/12/26	1435 PVS DX INC.		187
	26-02593		5,923.82	
53046	06/12/26	1511 FAMILY SUPPORT PAYMT CTR		187
	26-03222	PP 5.26.26-6.9.24	365.63	
53047	06/12/26	1635 LOWE'S		187
	26-02987	SILT FENCE	341.88	
	26-03198	VERSASTACK/NAILS/3" EXTENSIONS	<u>62.17</u>	
			404.05	
53048	06/12/26	1664 CAPITAL QUARRIES COMPANY, INC		187
	26-03014	1" CLEAN ROCK	1,870.34	
	26-03229	1" CLEAN	<u>3,318.85</u>	
			5,189.19	
53049	06/12/26	1699 AGILIX SOLUTIONS, LLC		187
	26-03205	ANALOG INPUT MODULE	564.65	
	26-03206	PRESSURE & TEMPERATURE SENSORS	1,021.48	
	26-03207	TEMPERATURE SENSON	556.53	
	26-03208	MICRO CABLE	<u>70.83</u>	
			2,213.49	
53050	06/12/26	1859 TOMO DRUG TESTING		187
	26-03000	QUARTERLY DRUG SCREENINGS	766.50	
53051	06/12/26	1861 RMU - HELPING HAND/SALVATION A		187
	26-03213	MAY 2026 HELPING HANDS	174.81	
53052	06/12/26	1890 AMERICAN MESSAGING		187
	26-02989	PAGER SERVICE JUNE 2026	55.34	
53053	06/12/26	2001 FLETT PLUMBING, LLC		187
	26-03175	REPLACE HOT WATER HEATER	2,080.67	
53054	06/12/26	2052 AMEREN MISSOURI		187
	26-02995	504 E 18TH ST NATURAL GAS	136.26	
53055	06/12/26	2128 GFI DIGITAL, INC		187
	26-02990	PLANT BASE 6/30/26-7/29/26	275.14	
53056	06/12/26	2143 E & J CUSTOMS		187
	26-03191	ALUMINUM NAME BADGE	6.00	
53057	06/12/26	2158 K & K SUPPLY		187
	26-03202	WINCH ROPE	471.05	
53058	06/12/26	2217 ROLLA POST OFFICE		187
	26-03029	BOX #767 12 MONTH RENTAL FEE	450.00	

June 12, 2026
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Rolla Municipal Utilities
Check Register By Check Date

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description			Contract
GEN FUND PCB		General Fund PCB	Continued		
53059	06/12/26	2258 TRUIST BANK			187
		26-02988 ARBOX MONTHLY ITEMS - MAY 2026	48.32		
53060	06/12/26	2269 PRICE CHOPPER			187
		26-03035 DOUGHNUTS - 811 TRAINING	42.72		
		26-03036 811 TRAINING SUPPLIES	<u>63.21</u>		
			105.93		
53061	06/12/26	2273 CINTAS FIRST AID & SAFETY			187
		26-03037 SUNSCREEN	139.78		
53062	06/12/26	2308 DICKEY BUB FARM & HOME			187
		26-03043 ALLTHRED PLAT & SCREWS	50.13		
		26-03190 SOCKET/BLADE/CUTOFF WHEEL/WRNC	<u>82.84</u>		
			132.97		
53063	06/12/26	2315 MASTERCARD		06/12/26 VOID	0
53064	06/12/26	2315 MASTERCARD			187
		26-02986 5/31/2026 STATEMENT	21,008.66		
53065	06/12/26	2319 CORE & MAIN LP			187
		26-02749	559.80		
		26-03034 3/4 SS INSERT	555.00		
		26-03039 FREIGHT CREDIT FROM #M386616	17.65-		
		26-03216 FLG ACC SET	148.68		
		26-03217 2 FLG RUBBER GASKET	59.16		
		26-03232 MJ SLEEVES	<u>2,962.89</u>		
			4,267.88		
53066	06/12/26	2354 MENARDS - ROLLA			187
		26-03002 BAKING SODA	4.99		
53067	06/12/26	2414 KIENSTRA 44, LLC			187
		26-03038 CONCRETE	419.00		
53068	06/12/26	2450 CRESSWELL, GWEN			187
		26-03209 SAFETY FOOTWEAR ALLOWANCE	129.11		
53069	06/12/26	2471 CROWN POWER & EQUIPMENT			187
		26-03201 PLAINER TOOTH	2,105.09		
53070	06/12/26	2473 ED MORSE CHEVROLET			187
		26-03023 TRK #5 CHECK ENGINE LT SERVICE	183.55		
		26-03212 OIL CHANGE TRUCK #23	<u>60.45</u>		
			244.00		
53071	06/12/26	2487 HFL NETWORKS LLC			187
		26-03234 500MBPS DIA INTERNET	300.00		
53072	06/12/26	2491 SECURITY BENEFIT LIFE INSURANC			187
		26-03223 PP 5.26.26-6.9.24	9,336.83		

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void Ref Num
PO #		Description		Contract
GEN FUND PCB		General Fund PCB	Continued	
53073	06/12/26	2505 CALIFORNIA STATE		187
		26-03224 PP 5.26.26-6.9.24	309.37	
53074	06/12/26	2554 NAPA AUTO PARTS - KC067		187
		26-03178 USB CAR CHARGER CABLE	19.34	
		26-03199 TUB O TOWELS	15.98	
		26-03233 4MXTXREEL/FITTINGS/OIL DRY	<u>158.90</u>	
			194.22	
53075	06/12/26	FABIC005 FABICK POWER SYSTEMS, INC.		187
		26-03181 SERVICE CALL DEWING GENERATOR	2,894.13	
53076	06/12/26	1111 FLETCHER-REINHARDT CO		188 Direct Deposit
		26-02985	4,139.55	
		26-03214 3" SPLIT ADAPTER COUPLING	<u>195.01</u>	
			4,334.56	
53077	06/12/26	1183 MFA OIL COMPANY		188 Direct Deposit
		26-03176 DIESEL & UNLEADED	1,551.83	
53078	06/12/26	1191 MIRMA		188 Direct Deposit
		26-02992 2026 ANN MTG REG-G CRESSWELL	395.00	
		26-02993 2026 ANN MTG - MEGAN SAYLORS	395.00	
		26-02994 2026 ANN MTG REG - FLOYD WOLF	<u>505.00</u>	
			1,295.00	
53079	06/12/26	1204 O'REILLY AUTOMOTIVE STORES INC		188 Direct Deposit
		26-03032 SEALEM BEAM	15.28	
		26-03033 CABIN FILTER	16.95	
		26-03177 COOLANT TANK & ANTIFREEZE	97.44	
		26-03182 GEAR LUBE	259.98	
		26-03183 RUST PENTRNT & DRY LUBE	18.98	
		26-03184 HD CLEAN WPS & VENT CLIP	13.48	
		26-03185 MOTOR OIL & FUNNEL	34.98	
		26-03186 OIL DRAIN PLUG	8.74	
		26-03187 OIL DRAIN PLUG CREDIT	8.74-	
		26-03188 MEGACRIMP	19.35	
		26-03189 MEGACRIMP CREDIT	<u>19.35-</u>	
			457.09	
53080	06/12/26	1226 PLAZA TIRE SERVICE INC		188 Direct Deposit
		26-03013 TIRE ROTATION	25.00	
53081	06/12/26	1230 PLUMB SUPPLY COMPANY-ROLLA		188 Direct Deposit
		26-03042 STICK TRANSFER PUMP & BATTERY	328.00	
53082	06/12/26	1257 SCHULTE SUPPLY INC		188 Direct Deposit
		26-03016	1,334.50	
53083	06/12/26	1271 SIDENER ENVIRONMENTAL		188 Direct Deposit
		26-03230 3/4 PVC TU BALL CHECK DUALEN	175.37	

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PO #	Description	Amount Paid	Contract	
GEN FUND PCB	General Fund PCB	Continued		
53083	SIDENER ENVIRONMENTAL	Continued		
26-03231	CORP STOP TUBE/NOZZLE/BALL CK	<u>2,695.72</u>		
		2,871.09		
53084	06/12/26 1348 MO JOINT MUN ELEC UTIL CM		188	Direct Deposit
26-03179	POWER PURCHASED - MAY 2026	1,960,474.57		
53085	06/12/26 1488 ALTEC INDUSTRIES		188	Direct Deposit
26-03204	BOOM REST	219.15		
53086	06/12/26 1654 BARCO MUNICIPAL PRODUCTS INC		188	Direct Deposit
26-03215	18" ORANGE TRAFFIC CONES	1,319.40		
53087	06/12/26 1852 MO ONE CALL SYSTEM INC		188	Direct Deposit
26-02991	353 LOCATES - MAY 2026	476.55		
53088	06/12/26 1904 FASTENAL COMPANY		188	Direct Deposit
26-03030	SAFETY EYEWEAR	372.73		
53089	06/12/26 1970 ROLLA MUNICIPAL UTILITIES		188	Direct Deposit
26-03003	4/8/26-5/8/26	60.27		
26-03004	4/2/26-5/6/26	195.83		
26-03005	4/16/26-5/20/26	1,638.63		
26-03006	4/16/26-5/20/26	2,900.00		
26-03007	4/16/26-5/20/26	37.62		
26-03008	4/16/26-5/20/26	735.63		
26-03009	4/16/26-5/20/26	307.44		
26-03010	4/16/26-5/20/26	389.13		
26-03011	4/16/26-5/20/26	113.19		
26-03012	4/16/26-5/20/26	<u>7,423.76</u>		
		13,801.50		
53090	06/12/26 2075 INTEGRATED FACILITY SERVICES		188	Direct Deposit
26-03194	TUCKER BUILDING WATER LEAK	140.00		
53091	06/12/26 2077 TALLMAN EQUIPMENT COMPANY		188	Direct Deposit
26-03027	HAND WHEEL	101.59		
53092	06/12/26 2194 GAHR TRUCK & EQUIPMENT INC		188	Direct Deposit
26-03203	HANDLE	70.79		
53093	06/12/26 2283 TYLER TECHNOLOGIES INC		188	Direct Deposit
26-03192	BIOMETRIC READER MAINTENANCE	658.82		
53094	06/12/26 2335 VERMEER SALES AND SERVICE M.I.		188	Direct Deposit
26-03200	SERVICE CALL	2,485.07		
53095	06/12/26 2359 RUSH TRUCK CENTER OF MISSOURI		188	Direct Deposit
26-03025	TRUCK #17 SERVICE CALL	3,124.41		
26-03026	TRUCK #10 SERVICE CALL	<u>546.83</u>		
		3,671.24		

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Check #	Check Date	Vendor	Reconciled/Void	Ref Num
PO #	Description	Amount Paid	Contract	
GEN FUND PCB	General Fund PCB	Continued		
53096	06/12/26 2458 SAM, LLC		188	Direct Deposit
	26-03174 Update Valve Record File Mgr	4,425.00		
	26-03193 GIS MAINT 6/1/26-5/31/27	<u>3,960.00</u>		
		8,385.00		
53097	06/12/26 2509 T-MOBILE		188	Direct Deposit
	26-03001 TRACKING SERVICES 4/21-5/20/26	895.90		
53098	06/12/26 2539 EXXON MOBIL BUSINESS PRO		188	Direct Deposit
	26-03180 FUEL PURCHASES	11,252.21		
53099	06/12/26 2542 WHOLESALE ELECTRIC SUPPLY		188	Direct Deposit
	26-03024 WIRE NUTS	20.85		
53100	06/12/26 2565 CONSOCIATE, INC.		188	Direct Deposit
	26-03040 JUNE 2026 INSURANCE	66,424.79		
	26-03227 MAY AUTOMATICS	<u>16,903.00</u>		
		83,327.79		
53101	06/12/26 A1DOC005 A-1 DOCUMENT STORAGE		188	Direct Deposit
	26-03015 SHREDDING PICKUP SERVICE	1,275.60		
53102	06/12/26 CONSO005 CONSOCIATE FSA		188	Direct Deposit
	26-03225 PP 5.26.26-6.9.24	287.50		
Checking Account Totals				
		<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>
	Checks:	42	1	1,198,484.53
	Direct Deposit:	<u>27</u>	<u>0</u>	<u>2,101,433.33</u>
	Total:	69	1	3,299,917.86
Report Totals				
		<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>
	Checks:	42	1	1,198,484.53
	Direct Deposit:	<u>27</u>	<u>0</u>	<u>2,101,433.33</u>
	Total:	69	1	3,299,917.86

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Totals by Year-Fund Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
GENERAL FUND	6-001	168,193.89	1,256.10-	3,132,980.07	3,299,917.86
Total Of All Funds:		<u>168,193.89</u>	<u>1,256.10-</u>	<u>3,132,980.07</u>	<u>3,299,917.86</u>

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Totals by Fund					
Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
GENERAL FUND	001	168,193.89	1,256.10-	3,132,980.07	3,299,917.86
Total Of All Funds:		<u>168,193.89</u>	<u>1,256.10-</u>	<u>3,132,980.07</u>	<u>3,299,917.86</u>

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Fund Description	Fund	Current	Prior Rcvd	Prior Open	Paid Prior	Fund Total
GENERAL FUND	6-001	168,193.89	0.00	0.00	0.00	168,193.89
Total Of All Funds:		<u>168,193.89</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>168,193.89</u>

Signature: 
[Joe Polizzi \(Jun 12, 2026 15:02:42 CDT\)](#)

Email: joe@tcmarkets.com

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Range of Checking Accts: GEN FUND PCB to GEN FUND PCB Range of Check Dates: 06/29/26 to 06/29/26
Report Type: All Checks Report Format: Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description			Contract
GEN FUND PCB		General Fund PCB			
53103	06/29/26	1062 CITY OF ROLLA			190
		26-03470 102 W 9TH ST	165.00		
		26-03471 811 HWY 0	474.00		
			639.00		
53104	06/29/26	1078 TE DANIELS BACKHOE INC			190
		26-03283 7 LOADS TOPSOIL	2,625.00		
53105	06/29/26	1084 ROLLA MUNICIPAL UTILITIES		06/30/26	190
		26-03547 PP 6.10.26-6.24.26	5,756.50		
53106	06/29/26	1153 ITRON INCORPORATED			190
		26-03249 MAINTENANCE 7-1-26 TO 6-30-27	9,662.80		
53107	06/29/26	1231 ROLLA MUNICIPAL UTILITIES		06/30/26	190
		26-03548 PP 6.10.26-6.24.26	16,046.33		
53108	06/29/26	1232 ROLLA MUNICIPAL UTILITIES		06/30/26	190
		26-03549 PP 6.10.26-6.24.26	125,152.82		
53109	06/29/26	1233 RMU - PETTY CASH			190
		26-03298 POSTAGE DUE ACCOUNT	100.00		
		26-03299 POLICE REPORT	3.50		
		26-03557 EASEMENT FOR 618 W LIONS CLUB	36.00		
			139.50		
53110	06/29/26	1234 ROLLA MUNICIPAL UTILITIES		06/30/26	190
		26-03550 PP 6.10.26-6.24.26	25,022.94		
53111	06/29/26	1236 ROLLA MUNICIPAL UTILITIES		06/30/26	190
		26-03469 REIMBURSE 2ND JUNE 2026 WF	27,183.20		
53112	06/29/26	1294 FAMILY CENTER, THE			190
		26-03237 SHOVEL/SCRECH/HARDWARE	49.03		
		26-03238 DEGREASING WIPES	23.98		
		26-03239 WASP & HORNET SPRAY	11.96		
		26-03291 PINTLE MNTG PLATE/LOCKS/ADPTR	127.71		
		26-03300 PUTTY KNIFE & GLAZING TOOL	7.78		
		26-03301 PUTTY KNIFE	0.99		
		26-03302 HARDWARE	5.94		
		26-03305 GLOVES, REPEL & INKZALL MARKER	67.54		
		26-03306 TORDON	41.98		
		26-03307 STRAW BALE	17.00		
		26-03308 CAULK & GREAT STUFF	22.97		
		26-03516 TORDON & LEAF RAKE	61.97		
		26-03542 MISC HARDWARE	2.50		
		26-03543 UTILITY KNIFE	5.99		
			447.34		

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description			Contract
GEN FUND PCB		General Fund PCB	Continued		
53113	06/29/26	1435 PVS DX INC.			190
		26-03287 HYDROFLUOROSILICIC ACIT	2,047.06		
53114	06/29/26	1511 FAMILY SUPPORT PAYMT CTR			190
		26-03551 PP 6.10.26-6.24.26	365.63		
53115	06/29/26	1635 LOWE'S			190
		26-03467 LENOX 30PK BI METL GLD	16.13		
		26-03473 15" TOOL BAG	<u>21.93</u>		
			38.06		
53116	06/29/26	1664 CAPITAL QUARRIES COMPANY, INC			190
		26-03297 ROCK	2,325.96		
53117	06/29/26	1699 AGILIX SOLUTIONS, LLC			190
		26-03309 SURGE SUPPRESSOR	310.20		
53118	06/29/26	1701 AT&T MOBILITY			190
		26-03294 CELL PHONE SERVICE	1,468.82		
53119	06/29/26	1800 ROLLA MUNICIPAL UTILITIES		06/30/26	190
		26-03236 JULY 2026 SALES TAX DEPOSIT	20,114.90		
53120	06/29/26	1811 THE UPS STORE			190
		26-03288 FREIGHT	31.08		
53121	06/29/26	1825 RS AMERICAS, INC.			190
		26-03244 ENCLOSURE & FUSES	302.82		
53122	06/29/26	1942 NU-WAY CONCRETE FORMS			190
		26-03514 BROOMS & HANDLES	106.20		
53123	06/29/26	1974 MELROSE QUARRY LLC			190
		26-03285 1" BASE	132.66		
53124	06/29/26	2035 BRIGHTSPEED			190
		26-03520 PHONE SERVICE JUNE 19-JULY 18	1,070.10		
53125	06/29/26	2056 WATKINS PORTABLE TOILETS			190
		26-03521 PORTABLE TOILETS - JUNE	350.00		
53126	06/29/26	2254 CAPE ELECTRIC SUPPLY			190
		26-03312 Inventory	17,996.20		
		26-03315	<u>6,269.16</u>		
			24,265.36		
53127	06/29/26	2262 CAMPBELL, STEVEN			190
		26-03241 SAFETY FOOTWEAR ALLOWANCE	152.02		
53128	06/29/26	2269 PRICE CHOPPER			190
		26-03464 FOOD FOR TEAM DEVELOPMENT	569.33		
		26-03465 BUNS/WATER/NAPKINS	25.23		

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description			Contract
GEN FUND PCB		General Fund PCB	Continued		
53128		PRICE CHOPPER	Continued		
26-03466		SODA-TEAM DEVELOPMENT EVENT	<u>8.29</u>		
			602.85		
53129	06/29/26	2273 CINTAS FIRST AID & SAFETY			190
26-03279		MEDICAL SUPPLIES-PLANT	107.33		
26-03293		MEDICAL SUPPLIES - PLANT	<u>108.61</u>		
			215.94		
53130	06/29/26	2319 CORE & MAIN LP			190
26-03512			3,832.00		
53131	06/29/26	2396 BROWN, JEREMY			190
26-03248		SAFETY FOOTWEAR ALLOWANCE	42.58		
53132	06/29/26	2412 LONNING, ERIC			190
26-03242		SAFETY FOOTWEAR ALLOWANCE	136.96		
53133	06/29/26	2465 INFOSEND			190
26-03243		BILLING SERVICES - MAY 2026	6,915.85		
53134	06/29/26	2473 ED MORSE CHEVROLET			190
26-03476		OIL CHANGE TRUCK #36	50.45		
26-03477		INSTALL RUNNING BOARDS	734.40		
26-03513		Repairs to Truck #5	5,499.60		
26-03523		MATS FOR TRK#5	<u>221.00</u>		
			6,505.45		
53135	06/29/26	2491 SECURITY BENEFIT LIFE INSURANC			190
26-03552		PP 6.10.26-6.24.26	9,617.11		
53136	06/29/26	2505 CALIFORNIA STATE			190
26-03553		PP 6.10.26-6.24.26	309.37		
53137	06/29/26	2554 NAPA AUTO PARTS - KC067			190
26-03295		FUSE & HANDS-FREE DMM	23.68		
53138	06/29/26	2559 INTERCOUNTY ELECTRIC			190
26-03468		24 MOS REVENUE-653 HOUSTON RD	3,141.96		
53139	06/29/26	BUILD005 BUILDTEC CONSTRUCTION, LLC			190
25-05089		White Columns Booster Station	64,154.19		
26-00867		Retaining wall Service Dept	119,296.25		
26-03519		SIDEWALK & STEPS FOR ENTRANCE	<u>2,684.00</u>		
			186,134.44		
53140	06/29/26	LORZS005 Lortz Surveying			190
26-03313		Easements	1,900.00		
53141	06/29/26	TRIGE005 Trigent Solutions Inc.			190
26-00931		Service Center Expansion	434,984.58		

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description		Contract	
GEN FUND PCB		General Fund PCB	Continued		
53142	06/29/26	VSPIN005 VISION SERVICE PLAN			190
26-03472		VISION INS - JULY 2026	641.02		
53143	06/29/26	WATER005 WATER SMART TESTING LLC			190
26-03518		BRDG SCHL/ORCHARD ECOLI TEST	50.00		
53144	06/29/26	1015 VESTIS			191 Direct Deposit
26-03245		MATS/TOWELS/MOPS/SOAP	61.51		
26-03310		MATS/TOWELS/MOPS/SOAP	62.37		
26-03545		SERVICE, SUPPLIES, RENTAL 6/25	62.37		
			<u>186.25</u>		
53145	06/29/26	1111 FLETCHER-REINHARDT CO			191 Direct Deposit
26-01821			5,368.50		
26-03282			2,357.25		
26-03311		CUTOUT & FUSE LINK	398.65		
			<u>8,124.40</u>		
53146	06/29/26	1204 O'REILLY AUTOMOTIVE STORES INC			191 Direct Deposit
26-03284		FUSE ASSORTMENT	23.99		
26-03296		MEGA FUSE	13.98		
26-03303		DISCONNECT	6.79		
26-03475		HID	99.62		
26-03544		ANTIFREEZE & DISCONNECT	23.45		
			<u>167.83</u>		
53147	06/29/26	1226 PLAZA TIRE SERVICE INC			191 Direct Deposit
26-03240		TIRE REPAIR	26.84		
26-03478		TIRE FOR TRUCK #26	193.47		
26-03524		MOWER TIRE REPAIR	26.84		
			<u>247.15</u>		
53148	06/29/26	1230 PLUMB SUPPLY COMPANY-ROLLA			191 Direct Deposit
26-03474		ADAPTER	31.69		
53149	06/29/26	1257 SCHULTE SUPPLY INC			191 Direct Deposit
26-03016			935.00		
53150	06/29/26	1488 ALTEC INDUSTRIES			191 Direct Deposit
26-03246		SERVICE CALL TRUCK #8	275.15		
26-03247		SERVICE CALL TRUCK #10	181.00		
			<u>456.15</u>		
53151	06/29/26	1721 WIRELESS USA, INC.			191 Direct Deposit
26-03515		TRK#17 LIGHTS	518.35		
53152	06/29/26	1904 FASTENAL COMPANY			191 Direct Deposit
26-03522		SCREWS	52.20		
53153	06/29/26	1970 ROLLA MUNICIPAL UTILITIES		06/29/26 VOID	0
53154	06/29/26	1970 ROLLA MUNICIPAL UTILITIES		06/29/26 VOID	0

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PO #	Description			Contract	
GEN FUND PCB	General Fund PCB	Continued			
53155	06/29/26 1970	ROLLA MUNICIPAL UTILITIES		06/29/26 VOID	0
53156	06/29/26 1970	ROLLA MUNICIPAL UTILITIES		06/29/26 VOID	0
53157	06/29/26 1970	ROLLA MUNICIPAL UTILITIES			191 Direct Deposit
26-03250	4/30/26-5/29/26		44.59		
26-03251	4/30/26-5/29/26		694.60		
26-03252	4/30/26-5/29/26		42.40		
26-03253	4/30/26-5/29/26		2,345.70		
26-03254	4/29/26-5/28/26		43.64		
26-03255	4/29/26-5/28/26		2,310.25		
26-03256	4/30/26-5/29/26		4,042.00		
26-03257	4/30/26-5/29/26		40.77		
26-03258	4/30/26-5/29/26		2,691.95		
26-03259	4/30/26-5/29/26		45.27		
26-03260	4/29/26-5/28/26		3,081.71		
26-03261	4/29/26-5/28/26		2,592.49		
26-03262	4/29/26-5/28/26		35.43		
26-03263	4/29/26-5/28/26		1,724.63		
26-03264	4/29/26-5/28/26		30.17		
26-03265	4/29/26-5/28/26		29.59		
26-03266	4/29/26-5/28/26		28.26		
26-03267	4/29/26-5/28/26		82.33		
26-03268	4/29/26-5/28/26		709.53		
26-03269	4/29/26-5/28/26		149.52		
26-03270	4/29/26-5/28/26		241.50		
26-03271	4/29/26-5/28/26		127.26		
26-03272	4/29/26-5/28/26		305.97		
26-03273	4/29/26-5/28/26		208.32		
26-03274	4/30/26-5/29/26		350.49		
26-03275	4/30/26-5/29/26		120.33		
26-03276	4/30/26-5/29/26		198.03		
26-03277	4/30/26-5/29/26		200.13		
26-03479	5/8/26-6/5/26		29.88		
26-03480	5/8/26-6/5/26		1,160.88		
26-03482	5/6/26-6/3/26		1,290.66		
26-03483	5/8/26-6/5/26		744.57		
26-03484	5/8/26-6/5/26		43.35		
26-03485	5/8/26-6/5/26		190.09		
26-03486	5/6/26-6/3/26		1,928.39		
26-03487	5/6/26-6/3/26		29.49		
26-03488	5/7/26-6/4/26		30.07		
26-03489	5/7/26-6/4/26		3,998.15		
26-03490	5/7/26-6/4/26		1,934.77		
26-03491	5/7/26-6/4/26		42.21		
26-03492	5/7/26-6/4/26		3,335.56		
26-03493	5/6/26-6/3/26		28.26		
26-03494	5/6/26-6/3/26		511.14		
26-03495	5/6/26-6/3/26		272.27		
26-03496	5/6/26-6/3/26		29.88		
26-03497	5/13/26-6/10/26		1,163.07		
26-03498	5/13/26-6/10/26		495.85		

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Rolla Municipal Utilities
Check Register By Check Date

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Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
PO #		Description			Contract
GEN FUND PCB		General Fund PCB	Continued		
53157		ROLLA MUNICIPAL UTILITIES	Continued		
26-03499	5/13/26-6/10/26		369.24		
26-03500	5/13/26-6/10/26		1,036.71		
26-03501	5/13/26-6/10/26		108.05		
26-03502	5/6/26-6/3/26		105.84		
26-03503	5/7/26-6/4/26		266.49		
26-03504	5/13/26-6/10/26		513.24		
26-03505	5/13/26-6/10/26		250.95		
26-03506	5/7/26-6/4/26		287.49		
26-03507	5/7/26-6/4/26		496.02		
26-03508	5/7/26-6/4/26		303.45		
26-03509	5/13/26-6/10/26		230.16		
26-03510	5/8/26-6/5/26		398.79		
26-03526	38926-0 5/20/26-6/18/26		2,780.72		
26-03527	38936-0 5/20/26-6/18/26		1,122.66		
26-03528	38966-0 5/20/26-6/18/26		29.59		
26-03529	38826-0 5/14/26-6/11/26		28.26		
26-03530	38916-0 5/15/26-6/12/26		29.02		
26-03531	40086-0 5/15/26-6/12/26		2,009.53		
26-03532	14250-1 5/15/26-6/12/26		574.65		
26-03533	39946-0 5/14/26-6/11/26		29.88		
26-03534	42336-1 5/20/26-6/18/26		7,423.76		
26-03535	15898-3 5/14/26-6/11/26		49.47		
26-03536	39646-1 5/15/26-6/12/26		792.12		
26-03537	39996-1 5/15/26-6/12/26		265.65		
26-03538	39986-1 5/20/26-6/18/26		328.65		
26-03539	39446-1 5/20/26-6/18/26		586.74		
26-03540	38726-1 5/20/26-6/18/26		106.68		
26-03541	38866-1 5/20/26-6/18/26		263.13		
			60,562.34		
53158	06/29/26	2077 TALLMAN EQUIPMENT COMPANY			191 Direct Deposit
26-03289		POLYMER BUCKET HOOKS 3"	140.16		
26-03546		SCREWS, WASHERS, BLADES	616.74		
			756.90		
53159	06/29/26	2153 MIDWEST METER INC			191 Direct Deposit
26-03555		2" E-SERIES METERS	3,325.00		
26-03556		3" HYDRANT METER & SUPPLIES	1,292.50		
			4,617.50		
53160	06/29/26	2163 MID AMERICA TEST & SUPPLY LLC			191 Direct Deposit
26-03304		GLOVES	665.82		
53161	06/29/26	2307 J & S SMALL ENGINE REPAIR			191 Direct Deposit
26-03525		BLOWER	255.00		
53162	06/29/26	2367 SEILER INSTRUMENT AND			191 Direct Deposit
26-03281		Trimble Catalyst	3,669.59		
53163	06/29/26	2386 INDEPENDENT STEEL & MACHINE			191 Direct Deposit
26-03290		1/4"x2" STEEL BAR - 42"	45.00		

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Rolla Municipal Utilities
Check Register By Check Date

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Check #	Check Date	Vendor	Reconciled/Void	Ref Num
PO #	Description	Amount Paid	Contract	
GEN FUND PCB	General Fund PCB	Continued		
53164	06/29/26 2497 TOTH & ASSOCIATES, INC.		191 Direct Deposit	
	26-02937 Electric Cost of Service Study	8,825.00		
53165	06/29/26 2531 EDMUNDS GOVTECH, INC.		191 Direct Deposit	
	26-03463 MAY 26 PAYMENT PROCESSING FEES	13,137.79		
53166	06/29/26 2552 TYNDALE ENTERPRISE, INC.		191 Direct Deposit	
	26-03278 EMP CLOTHING-JEREMY ARTHUR	264.95		
53167	06/29/26 ARKAN005 ARKANSAS ELECTRIC COOP		191 Direct Deposit	
	26-00775 Electric Materials RFB#26-102	18,766.54		
53168	06/29/26 CHILT005 CHILTON OIL COMPANY PROPANE		191 Direct Deposit	
	26-03517 30# PROPANE	30.00		
53169	06/29/26 CONSO005 CONSOCIATE FSA		191 Direct Deposit	
	26-03554 PP 6.10.26-6.24.26	287.50		
53170	06/29/26 EDMOR010 Ed Morse Chevrolet Lebanon		191 Direct Deposit	
	26-01096 RFB#26-104 Replace Truck #5	68,266.50		
53171	06/29/26 KC3EX001 KC3 EXCAVATING LLC		191 Direct Deposit	
	26-02614 ROCK HAULING	96.39-		
	26-03286 8 LOADS ROCK HAULED	712.66		
	26-03292 6/10 ROCK HAULING CHARGES	1,055.73		
		1,672.00		
53172	06/29/26 MERRE005 MERRELL, FRANKLIN O		191 Direct Deposit	
	26-03235 504 E 18TH ST RENT - JULY 2026	1,500.00		
53173	06/29/26 MUTUA005 MUTUAL OF OMAHA INSURANCE CO.		191 Direct Deposit	
	26-03228 MAY AUTOMATICS	2,711.32		
	26-03511 JULY PREMIUMS	4,055.15		
		6,766.47		

Checking Account Totals	Paid	Void	Amount Paid	Amount Void
Checks:	41	4	920,810.09	0.00
Direct Deposit:	26	0	200,807.92	0.00
Total:	67	4	1,121,618.01	0.00

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	41	4	920,810.09	0.00
Direct Deposit:	26	0	200,807.92	0.00
Total:	67	4	1,121,618.01	0.00

Totals by Year-Fund					
Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
GENERAL FUND	6-001	838,386.22	45.60-	283,277.39	1,121,618.01
Total of All Funds:		838,386.22	45.60-	283,277.39	1,121,618.01

Totals by Fund					
Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
GENERAL FUND	001	838,386.22	45.60-	283,277.39	1,121,618.01
Total of All Funds:		838,386.22	45.60-	283,277.39	1,121,618.01

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Rolla Municipal Utilities
Breakdown of Expenditure Account Current/Prior Received/Prior Open

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Fund Description	Fund	Current	Prior Rcvd	Prior Open	Paid Prior	Fund Total
GENERAL FUND	6-001	739,521.57	0.00	98,864.65	0.00	838,386.22
Total of All Funds:		<u>739,521.57</u>	<u>0.00</u>	<u>98,864.65</u>	<u>0.00</u>	<u>838,386.22</u>

RMU REVENUE SUMMARY WATER DEPARTMENT

06-01-26 to 06-30-26

			NET REVENUE	GALLONS	
01 Residential Single Phase	Water	WAU	\$112,034.77	24,170	
	Service Availability <1"	W01/WA1/WA2	\$69,552.18		
	Service Availability 1"	WA3	\$825.00		
	Service Availability 1.5"	WA4	\$25.00		
	Service Availability 2"	WA5	\$1,085.00		
	Service Availability 3"	WA6	\$225.00		
	Service Availability 4"	WA7	\$125.00		
	Service Fees	SFW	\$1,960.00		
	CC Processing Fees		\$0.00		
			\$185,831.95		24,170
11 Residential Three Phase	Water	WGU	\$837.00	180	
	Service Availability <1"	WG1	\$114.93		
	Service Availability 1"	WG3	\$15.00		
	Service Availability 1.5"	RV	\$0.00		
	Service Availability 2"	WG5	\$280.00		
	Service Availability 3"	RX	\$0.00		
	Service Availability 4"	RY	\$0.00		
			\$1,246.93		180
04 Commercial Single Phase	Water	WBU/WBV/WH1/WHU	\$30,275.06	6,513	
	Service Availability <1"	WB1	\$4,409.48		
	Service Availability 1"	WB3	\$645.00		
	Service Availability 1.5"	WB4	\$25.00		
	Service Availability 2"	WB5	\$1,120.00		
	Service Availability 3"	WB6	\$1,522.41		
	Service Availability 4"	CR	\$0.00		
	Fire Protection <=4"	FW1	\$4,699.33		
	Fire Protection 6"	FW2	\$1,860.00		
	Fire Protection 8"	FW3	\$1,700.00		
	Fire Protection 10"	FW4	\$200.00		
			\$46,456.28		6,513
14 Commercial Three Phase	Water	WIU/WIV/WJU	\$23,730.96	5,112	
	Service Availability <1"	WI1/WI2/WJ1	\$1,802.17		
	Service Availability 1"	WI3/WJ3	\$930.62		
	Service Availability 1.5"	WI4	\$100.00		
	Service Availability 2"	WI5	\$2,249.33		
	Service Availability 3"	WI6	\$750.00		
	Service Availability 4"	CZ	\$0.00		
			\$29,563.08		5,112
06 Power Service	Water	WCU/WCV	\$44,151.63	9,477	
	Service Availability <1"	WC1	\$55.00		
	Service Availability 1"	WC3	\$185.00		
	Service Availability 1.5"	PO	\$0.00		
	Service Availability 2"	WC5	\$1,365.00		
	Service Availability 3"	WC6	\$1,575.00		
	Service Availability 4"	WC7	\$500.00		
	Service availability 6"	PS	\$0.00		
			\$47,811.63		9,477
09 Industrial	Water	WEU	\$16,154.10	3,474	
	Service Availability <1"	WM	\$0.00		
	Service Availability 1"	WN	\$0.00		
	Service Availability 1.5"	WO	\$0.00		
	Service Availability 2"	WE5	\$35.00		
	Service Availability 3"	WT	\$0.00		
	Service Availability 4"	WU	\$0.00		
	Service Availability 6"	WE8	\$270.00		
	Utility Incentives		\$0.00		
			\$16,459.10		3,474
08 Missouri S&T	Water	WDU/WUS/WU2	\$12,148.50	2,670	
	Service Availability 6"	WDB	\$1,080.00		
			\$13,228.50		2,670
19 Water District	Water	WAV	\$7,839.90	1,519	
			\$7,839.90		1,519
WATER DEPARTMENT TOTALS:			\$348,437.37		53,115
NET REVENUE FROM ELECTRIC & WATER DEPARTMENTS:			\$2,590,093.44		

RMU REVENUE SUMMARY

ELECTRIC DEPARTMENT

06-01-26 to 06-30-26

				NET REVENUE	KWH	KW
01 Residential Single Phase	Electric	E01/CRD	\$526,682.36		5,818,590.00	
	Service Availability	V01/SAF	\$208,815.01			
	Solar Comm Energy	SOL	\$349.96			
	Service Fees	SFE	\$5,450.00			
	CC Processing Fees		\$0.00			
				\$741,297.33		
11 Residential Three Phase	Electric	E11	\$9,752.94		107,176.00	
	Service Availability	V11	\$1,172.41			
				\$10,925.35		
04 Commercial	Electric	E04	\$97,792.80		1,075,382.00	
	Service Availability	V04	\$24,099.53			
				\$121,892.33		
14 Commercial Three Phase	Electric	E14	\$290,078.64		3,187,734.00	
	Service Availability	V14	\$24,623.86			
				\$314,702.50		
6 Power Service	Electric	E06	\$432,818.84		6,102,360.00	
	Electric (discounted 3%)	MED	\$52.39			
	Deferred Charges	DS1	\$3,393.56		6,102,360.00	
			\$436,160.01			
	Demand	D06	\$144,747.00		16,083.00	
			\$144,747.00			16,083.00
				\$580,907.01		
	Service Availability	V06		\$21,750.00		
				\$602,657.01		
5/9 Industrial	Electric (discounted 5%)	E05/SD5	\$176,766.72		2,696,670.00	
	Electric (no discount)	E09	\$202,773.75		2,936,760.00	
	Utility Incentives		\$0.00			
			\$379,540.47		5,635,420.00	
	Demand (discounted 5%)	D05	\$50,858.25		5,353.50	
	Demand (no discount)	D09	\$51,504.25		5,421.50	
			\$102,362.50			10,775.00
				\$481,902.97		
	Service Availability	V05/09		\$6,000.00		
				\$487,902.97		
10 Area Lighting	Electric	E10	\$2,452.01		31,436.00	
	Non-Metered Flat Charges	MTH/R10/R40/SOD	\$5,318.12			
	Service Availability	V10	\$750.00			
				\$8,520.13		
10 Street Lighting	Electric	E12	\$4,162.80		20,814.00	
	Non-Metered Flat Charges	L10/L11/L25/L40	\$7,195.65			
	Service Availability	V12	\$2,400.00			
				\$13,758.45		
ELECTRIC	Rate Stabilization Fund			-\$60,000.00		
					21,978,912.00	26,858.00
ELECTRIC DEPARTMENT TOTALS:				Electric Total	\$2,241,656.07	

ROLLA MUNICIPAL UTILITIES

CASH RECEIPT PAYMENT TYPES:

JUNE 2026

	ACH	BANK PMTS	EFT	CASH	CHECK	ELECTRONIC CR/DB CARDS		IP	TOTALS
						LOCKBOX	VT		
1	0.00	0.00	49,335.22	2,627.50	31,372.71	2,700.74	4,737.35	157,841.95	248,615.47
2	0.00	255.46	31,556.43	1,401.70	58,219.66	12,980.73	3,570.16	21,132.29	129,116.43
3	-94.34	0.00	13,718.45	3,364.67	25,006.50	4,387.01	6,618.98	44,136.64	97,137.91
4	264,627.59	0.00	4,098.88	2,381.26	41,662.36	48,277.94	4,559.28	137,391.22	502,998.53
5	0.00	0.00	251,345.29	1,968.03	34,138.03	4,738.57	5,270.90	74,835.97	372,296.79
6									0.00
7									0.00
8	0.00	1,985.99	127.76	2,947.71	31,665.36	5,568.41	6,189.84	51,288.88	99,773.95
9	0.00	316.67	5,778.66	1,617.99	93,836.94	6,927.20	5,842.61	34,667.09	148,987.16
10	0.00	0.00	21,428.63	4,185.76	21,549.96	2,898.11	9,181.92	35,050.52	94,294.90
11	HOLIDAY								0.00
12	0.00	0.00	16,161.90	1,185.47	90,162.92	2,800.96	10,036.86	66,399.26	186,747.37
13									0.00
14									0.00
15	0.00	0.00	1,105.90	1,497.45	149,479.74	10,935.05	5,140.38	61,713.12	229,871.64
16	0.00	0.00	21,546.79	1,326.07	448,883.90	9,000.64	5,312.66	25,043.37	511,113.43
17	0.00	139.61	3,976.29	1,752.14	42,362.55	1,854.48	5,710.07	41,082.68	96,877.82
18	0.00	0.00	16,767.33	1,337.33	16,614.11	3,042.02	3,562.36	29,801.16	71,124.31
19	0.00	0.00	23,268.98	630.70	5,141.92	0.00	449.01	164,307.53	193,798.14
20									0.00
21									0.00
22	89,670.29	100.52	0.00	4,590.10	88,204.04	1,883.43	9,527.23	64,953.82	258,929.43
23	0.00	0.00	37,158.70	961.78	91,349.27	2,544.39	3,758.22	24,743.50	160,515.86
24	0.00	0.00	452.85	2,755.02	10,896.85	1,465.70	8,190.41	29,301.84	53,062.67
25	0.00	0.00	6,174.06	1,583.61	9,175.68	122.42	2,683.86	29,711.07	49,450.70
26	17,324.77	0.00	0.00	2,163.67	5,815.92	2,307.28	6,147.21	44,691.05	78,449.90
27									0.00
28									0.00
29	104,481.68	2,237.28	68,062.34	2,647.79	23,828.98	6,472.25	6,641.96	143,021.09	357,393.37
30	0.00	306.96	9,574.85	1,927.88	24,906.15	21,999.32	7,814.91	30,507.30	97,037.37
31									0.00
TOTALS:	\$476,009.99	\$5,342.49	\$581,639.31	\$44,853.63	\$1,344,273.55	\$152,906.65	\$120,946.18	\$1,311,621.35	<u>\$4,037,593.15</u>
TOTAL \$ % OF RECEIPT INTAKE	11.79%	0.13%	14.41%	1.11%	33.29%	3.79%	3.00%	32.49%	<u>100.000%</u>

CURRENT WORK	
Location and Description	Timeline
Electric	
Lions Club Drive from Rolla Street to Bishop Avenue (Hwy 63): Work associated with developing connection between Bridge School Road and Dewing Substations.	In progress
March 14, 2025 tornado: FEMA reimbursement	In progress
Service Center and Business Office consolidation: Work to be performed by Owner.	Pending work by Contractor
Supply connections to switchgear at Hartmann USA: Installation of second pole so that each supply source is located on different poles.	Completed
RMU switchgear at Hartmann USA: Maintenance and upgrade to communications equipment	Completed
Phelps Health - New Emergency Department: Adjustment of circuit from Fairgrounds substation to Hospital switchgear to accommodate site work modifications.	In progress
100 East Highway 72: Adjustment of electric distribution in conjunction with remodel and revised use of existing commercial building.	Pending information from developer and work by contractor
Audubon Ridge Subdivision: Overhead electric distribution system extension along White Columns Drive from Chapman Drive north to subdivision and underground improvements in subdivision.	In progress
Colonial Hills subdivision: Extension of electric distribution system to provide service to additional lots being developed.	Completed
901 East 18th Street: Revision of service in conjunction with building remodel. Also converting location to be serviced from 12 kV distribution system instead of 4 kV distribution system.	In progress. Pending working by Owner's contractor.
Highway 63 from Lanning Lane to Oak Lane: Distribution system revisions. Also including new service to 825 Lanning Lane in conjunction with remodel of building.	In progress
Generation: Quaterly testing	In progress
Fiber and SCADA	
March 14, 2025 tornado: Restoration of damage to electric infrastructure that also impacted fiber system	In progress
Request for additional circuits for customer.	Responses to customer requests as needed.
Upgrade of SCADA to allow for additional view only access by authorized staff.	In progress
Service Center and Business Office consolidation: Work to be performed by Owner.	Pending work by contractor
Coordination with City of Rolla and their service provider as they undertake upgrades of communications hardware at City facilities.	In progress

Operations Report
RMU Board of Public Works Meeting

Date of Report:
July 28, 2026

Water	
Vienna Road: Replacement of existing water distribution main and appurtenances	In progress
Audubon Drive: Water main extension to new residential subdivision	Completed
11th Street from Asher Street to Powell Avenue: Water main replacement	When time allows
Highway 72 (north side) from Walnut Street to Rose Court: New water main	In progress
Highway 72 (north side) from Iris Court to Rolla Gardens Drive: New water main	In progress
Highway 72 (north side) from Southview Drive to Summit Avenue: New water main	In progress
Irene Lane: Water main replacement	When time allows
Truman Avenue just east of Forum Drive: Upgrade of water distribution system to eliminate fire hydrant tapped to a private service line, adjust location of fire hydrant and replace some old main.	When time allows
1200 Homelife Plaza: Modifications to water distribution mains and service line.	Completed
HyPoint Well #2: Conversion to pitless well head, replacement of well house (including piping and chemical feed systems), and interconnection piping.	Construction permit issued by MO DNR

AESTHETIC CHANGES THIS PERIOD	
Bridge School Road: Brightspeed completing transfers to allow for removal of poles.	Pending work by Brightspeed at one pole.
Removal of 34.5 kV subtransmission conductor on South Bishop Avenue from Williams Road to Lanning Lane and Lanning Lane from South Bishop to Wyman Substation. Removal started as part of restoration from March 14, 2025 tornado. This portion of the 34.5 subtransmission system was a redundant connection to the Wyman substation.	In progress
Transfers of telecommunications facilities owned by others from old pole to new pole (some poles owned by RMU and some owned by others).	In progress
901 East 18th Street: reconfiguration of electric and fiber systems in conjunction with new electric service.	Completed
Area in the vicinity of 14th Street, Fitch Street, and Duane Avenue: Revisions to electric distribution system in conjunction with development of new primary system to new emergency department at Phelps Health.	In progress
McCutchen Drive: Removal of poles no longer utilized by RMU.	Pending work by attaching entity to remove their facilities.

FUTURE IDENTIFIED WORK	
Location and Description	Timeline
Electric, Water and / or Fiber	

North Rolla Street storm sewer system improvements: Coordination with City for potential utility impacts related to replacement of storm sewer system in and adjacent to Rolla Street from 6th to 12th Streets.	Reviewing design information from City
Tim Bradley Way: Potential development	Pending feedback after request made to RMU for information made about existing infrastructure
Main Street from 4th to 11th Streets: System modifications as needed in conjunction with City street, sidewalk, and stormwater project. - Existing water main will be replaced.	Pending design information from City
Cedar Trails multi-unit development	Pending information from developer and/or their consultant(s).
Audubon Ridge (Woodcrest Drive): Electric and water system improvements associated with proposed development and redevelopment west of Woodcrest Drive.	Reviewing design information from the Developer.
500 block of Highway 72 West: Electric and water system improvements and modifications in association with redevelopment.	Pending information from developer, consultants, and the City of Rolla process for any required platting and permitting.
4060 HyPoint North: Redevelopment of existing building, including significant electric service upgrade.	Reviewing information provided by Owner and their consultant and reviewing options for upgraded electric service.
Response to request for potential new customer.	As requested
Electric	
Heritage substation: Updating of relay controls and replacement of conductor for 2 circuits that were not replaced when the other 2 circuits were replaced.	2026
Review of transformer sizing relative to customer loads for some larger transformer locations.	In consideration as time is available and when work is done to electric service or customer facility.

Operations Report
RMU Board of Public Works Meeting

Date of Report:

July 28, 2026

9th Street Conversion - Phase 2 (Elm Street to Rolla Street): Convert overhead electric distribution to underground.	Undertermined
909 Facilities Avenue (MO S&T Temporary Research Facility): Revision to electric service to connect directly to RMU.	Pending information from University
Highway 63 from Williams Road to Little Oaks Road - Removal of overhead utilities	Undetermined
10th Street from Cedar Street to Forum Drive: Removal of overhead utilities	Undetermined
Little Oaks Road: Addition of roadway lighting in conjunction with City of Rolla roadway improvement project	Pending work by Contractor
RMU switchgear at Phelps Health	Review of operation of controller for one breaker.
Customer-owned generation facilities - Net metering (less than 100 kW) and PURPA over 100 kW): Monitoring of testing and insurance requirements, review of applications, and installing new metering.	As needed
Water	
Highway 63 south of Little Oaks Road: Water distribution system extension (8" main) to serve property to be annexed.	Pending annexation process
Eastwood Drive: Replacement of old water main.	As time allows
Elmwood Drive (north half of street): Replacement of old water main.	As time allows
Cedar Hill Court: Replacement of old water services.	As time allows
Mimosa Court: Replacement of old services.	As time allows
10th Street from Main Street to Rolla Street: Replacement of old water main.	As time allows
Rolla Street from 10th Street to 11th Street: Replacement of old water main.	As time allows
10th Street from Main Street to State Street: Abandonment of old water main.	As time allows
South Olive Street: Replace water main and/or service lines as needed in advance of City street micropaving project.	As needed
Pine Tree Road from Highway 72 to Richard Drive: Replacement of water main.	As time allows
16th Street from Pine Street to Vichy Road: Replacement of water main in advance of City of Rolla street resurfacing project.	As time allows
Highway 72 from South Rolla Street to Highway O: Review of options for improvements.	In progress
Fiber	
9th Street conversion - Phase 2 (Elm Street to Rolla Street): Convert existing overhead to underground.	Undertermined
Rolla Public Schools RTC building: Reconfigure RMU fiber going into and out of building.	Undertermined
Fiber extension requests for customers.	As requested

ROLLA MUNICIPAL UTILITIES

Rolla Board of Public Works Agenda

MANAGER: Floyd Wolf

ACTION REQUESTED: None

ITEM/SUBJECT: 2026 LAGERS Actuarial Valuation

LAGERS SUMMARY:

DATE: 07/027/2026

COMMENTARY:

RMU's pension plan remains in a generally sound position at 87.7% funded. However, a recent actuarial adjustment by LAGERS has created a \$1.92M gap in unfunded liability. RMU will close this gap over the next 10 years by contributing an additional \$22,750 monthly.

Key Observation

Metric	2025	2026	FY 2027 Forecast	Change '25 to '26
Funded Ratio	96.7%	87.7%	88.6%	▼ 9.0%
Unfunded Liability	\$470,968	\$1,922,867	\$1,894,613	▲ \$1.45M
Annual Payroll	\$3.86M	\$4.12M	\$4.37M	▲ 6.9%
Employer Contribution Rate	9.2%	10.2%	11.2%	▲ 1.0%
Active Employees	57	57	57	Stable
Retirees/Beneficiaries	46	47	47	▲ 1

While the capped rate is 11.2%, and Leadership recommends the additional contribution of \$273K annually, the total contribution rate of 17.45% is very close to the actuary's uncapped required contribution rate of 17.8%. This suggests that the \$273K annual supplemental contribution is the most balanced approach. Aggressive enough to materially improve funding, but still realistic enough to continue supporting utility capital needs and operating budgets.

Recommendation to the Public Works Board

- Continue paying the LAGERS-required contribution rate.
- Pay \$273K annually for pension stabilization.
- Reevaluate the funded ratio and actuarial projections every 3–5 years.

IV.D.1.



Missouri Local Government Employees Retirement System

Rolla Municipal Utilities

**Summary of the Results of the
Fifty-Seventh Annual Actuarial Valuation
February 28, 2026**



Outline of Contents

Summary of the Annual Actuarial Valuation Covering

Rolla Municipal Utilities

Pages	Items
2	Cover Letter
	<i>Financial Principles</i>
3	Financing Diagram
4	Annual Actuarial Valuation Process
	<i>Benefit Provisions and Data Furnished</i>
5-7	Benefit Summary
8-10	Summary of Covered Person Data Furnished
	<i>Valuation Results</i>
11	Actuarial Accrued Liabilities and Assets
12	Computed Employer Contributions
13	Comparative Schedules
14	Risk Commentary
15	Risk Metrics
16-17	Low-Default-Risk Obligation Measure
Appendix I	<i>Summary of Financial Assumptions</i>



June 24, 2026

Rolla Municipal Utilities
Rolla, Missouri

Ladies and Gentlemen:

Submitted in this report is a summary of the results of the **Fifty-Seventh Annual Actuarial Valuation**, which determines the employer contribution rate(s) required to support, for your employees, the benefits provided by the **Missouri Local Government Employees Retirement System ("LAGERS")**. The purpose of this valuation is to measure funding progress in relation to the actuarial cost method and to determine the employer contribution rate. A separate report will be issued to provide actuarial information for Governmental Accounting Standards Board (GASB) Statement No. 68. The results of this valuation may not be applicable for other purposes.

Your participation in LAGERS was effective January 1, 1969. **The LAGERS provisions** reflected in the actuarial valuation are presented below (please see pages 5 through 7 for additional information).

	This Year	Last Year
Benefit Program	L-6	L-6
Final Average Salary	3 years	3 years
Rule of 80 Adopted?	No	No
Member Contribution Rate	0%	0%
Contribution Refund Adopted?	Yes	Yes

The date of the valuation was February 28, 2026. The valuation was based on data furnished by your LAGERS administrative staff. Data was checked for year-to-year consistency and completeness but was not audited by us.

The new employer contribution rates are shown on page 12 and are applicable for the fiscal year beginning October 1, 2027.

The financial assumptions and methods used to determine contributions are adopted System-wide by the LAGERS Board of Trustees, and are summarized in Appendix I of this report and also described in more detail in the System's Annual Comprehensive Financial Report and Compiled Annual Actuarial Valuation Report. All actuarial assumptions used in this report are reasonable for the purposes of this valuation. The combined effect of the assumptions is expected to have no significant bias (i.e., not significantly optimistic or pessimistic). This report was prepared using our proprietary valuation model and related software which, in our professional judgment, has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

The fundamental financial objective of LAGERS is to establish contribution rates which, expressed as percents of active member payroll, will remain approximately level from generation to generation of Missouri citizens. To test how well the fundamental objective is being achieved, annual actuarial valuations are made, which adjust employer contributions, up or down as the case may be, for differences in the past year between assumed financial experiences and actual financial experiences.

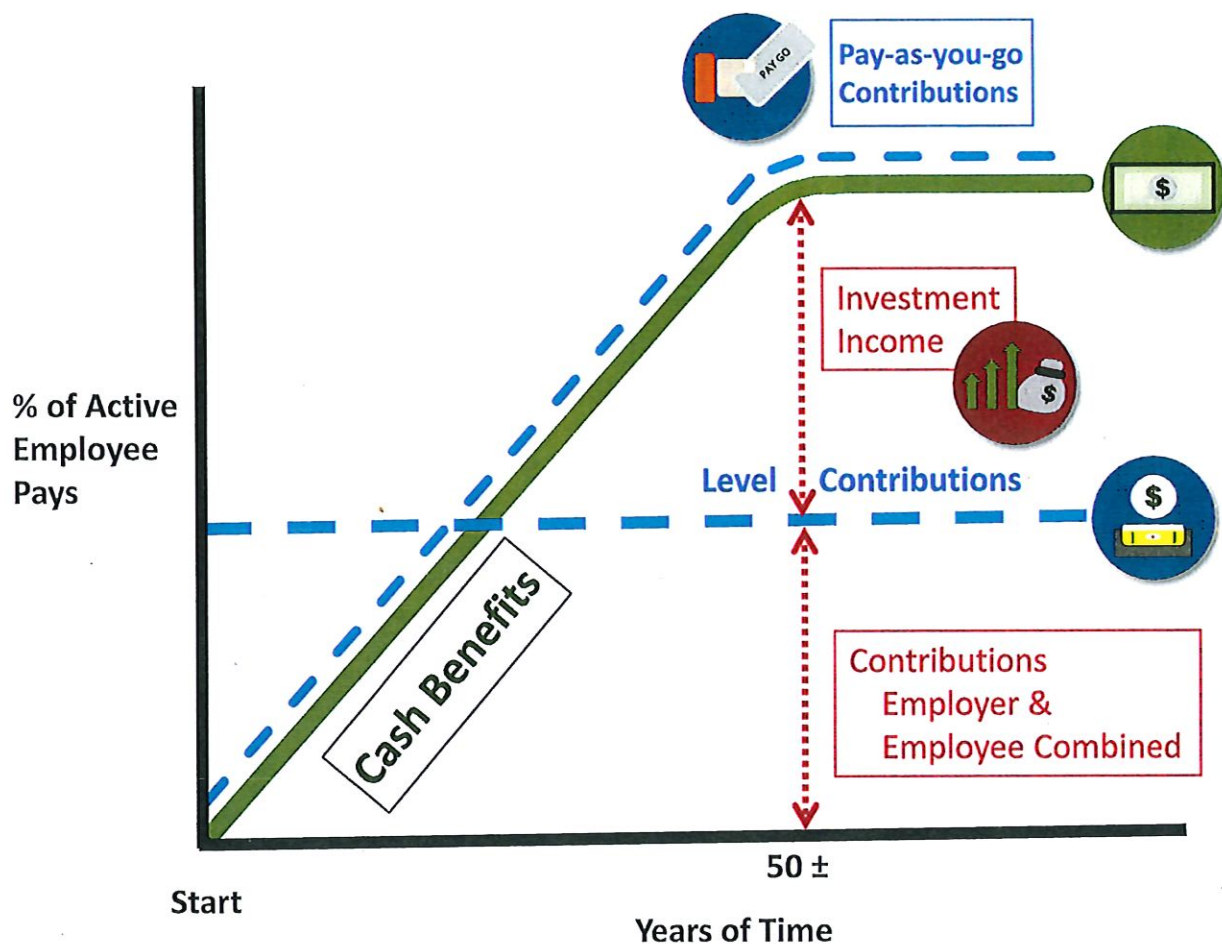
Mita D. Drazilov, Jeffrey T. Tebeau and Judith A. Kermans are Members of the American Academy of Actuaries (MAAA), and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor.

Respectfully submitted,
Gabriel, Roeder, Smith & Company

Mita D. Drazilov, ASA, FCA, MAAA

Jeffrey T. Tebeau, FSA, FCA, EA, MAAA

Judith A. Kermans, EA, FCA, MAAA



CASH BENEFITS LINE. This relentlessly increasing line is the fundamental reality of retirement plan financing. It happens each time a new benefit is added for future retirements (and happens regardless of the design for contributing for benefits).

LEVEL CONTRIBUTION LINE. Determining the level contribution line requires detailed assumptions concerning a variety of experiences in future decades, including:

- **Economic Risk Areas**
 - Rates of investment return
 - Rates of pay increase
 - Changes in active member group size
- **Non-Economic Risk Areas**
 - Ages at actual retirement
 - Rates of mortality
 - Rates of withdrawal of active members (turnover)
 - Rates of disability

Annual Actuarial Valuation Process for LAGERS

The **financing diagram** on the preceding page shows the relationship between the two fundamentally different philosophies of paying for retirement benefits: the method where contributions match cash benefit payments (or barely exceed cash benefit payments) which is thus an increasing contribution method; and the **level contribution method** which equalizes contributions between the generations. Missouri law requires the level contribution method.

The **actuarial valuation** is the mathematical process by which liabilities and the level contribution rates are determined, and the flow of activity constituting the valuation may be summarized as follows:

- A. **Covered Person Data**, furnished by plan administrator, including:
 - Retired lives now receiving benefits
 - Former employees with vested benefits not yet payable
 - Active employees
- B. + **Asset data** (cash and investments), furnished by plan administrator.
- C. + **Assumptions concerning future financial experiences in various risk areas**, which assumptions are established by the Board of Trustees after consulting with the actuary.
- D. + **The funding method** for employer contributions (the long-term, planned pattern for employer contributions).
- E. + **Mathematically combining the assumptions, funding method, and the data.**
- F. = Determination of:

**Employer's financial position in LAGERS
and
New Employer Contribution Rates.**

Brief Summary of LAGERS

Benefits and Conditions Evaluated and/or Considered Through February 28, 2026

(Section References are to RSMo)

Voluntary Retirement. Sections 70.645 & 70.600. A member may retire with an age & service allowance after both (i) completing 5 years of credited service, and (ii) attaining the minimum service retirement age.

The minimum service retirement age is age 60 for a general employee and age 55 for a police, fire or public safety employee. Optionally, employers may also elect to provide for unreduced benefits for employees whose combination of years of age and years of service equals 80 or more.

Final Average Salary. Section 70.600. The average of a member's monthly compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) of credited service producing the highest monthly average, which period is contained within the 120 consecutive months of credited service immediately preceding retirement.

Age & Service Allowance. Section 70.655. The allowance, payable monthly for life, equals a specified percent of a member's final average salary multiplied by the number of years of credited service. Each employer elects the percent applicable to its members, from the following programs:

- L-1 Benefit Program: 1.00% for life
- L-3 Benefit Program: 1.25% for life
- L-7 Benefit Program: 1.50% for life
- LT-4 Benefit Program: 1.00% for life, plus 1.00% to age 62
- LT-5 Benefit Program: 1.25% for life, plus 0.75% to age 62
- LT-8 Benefit Program: 1.50% for life, plus 0.50% to age 62
- LT-4(65) Benefit Program: 1.00% for life, plus 1.00% to age 65
- LT-5(65) Benefit Program: 1.25% for life, plus 0.75% to age 65
- LT-8(65) Benefit Program: 1.50% for life, plus 0.50% to age 65
- L-9 Benefit Program: 1.60% for life
- LT-10(65) Benefit Program: 1.60% for life, plus 0.40% to age 65
- L-12 Benefit Program: 1.75% for life
- LT-14(65) Benefit Program: 1.75% for life, plus 0.25% to age 65
- L-6 Benefit Program: 2.00% for life

The only LT benefit programs available for adoption after August 1, 1994 are the LT(65) programs.

Benefit programs L-9 and LT-10(65) are not available for adoption after August 1, 2005.



Benefit program L-11, available only to groups not covered by Social Security, provides for 2.5% for life.

Subsequent to joining the System, the governing body can elect to change benefit programs for the employees, but not more often than once every 2 years.

Early Allowance. Section 70.670. A member may retire with an early allowance after both (i) completing 5 years of credited service, and (ii) attaining age 55 if a general employee or age 50 if a police, fire or public safety employee.

The early allowance amount, payable monthly for life, is computed in the same manner as an age & service allowance, based upon the service and earnings record to time of early retirement, but reduced to reflect the fact that the age when payments begin is younger than the minimum service retirement age. The amount of the reduction is 1/2% of 1% (.005) for each month the age at retirement is younger than the minimum service retirement age.

Deferred Allowance. Section 70.675. If a member leaves LAGERS-covered employment (i) before attaining the early retirement age, and (ii) after completing 5 years of credited service, the member becomes eligible for a deferred allowance; provided the former member lives to the minimum service retirement age and does not withdraw the accumulated contributions.

The deferred allowance amount, payable monthly for life from the minimum service retirement age, is computed in the same manner as an age & service allowance, based upon the service and earnings record to time of leaving LAGERS coverage.

Deferred allowances are also payable any time after reaching the early retirement age, with the reduction for early retirement noted above.

Non-Duty Disability Allowance. Section 70.680. A member with 5 or more years of credited service who becomes totally and permanently disabled from other than duty-connected causes becomes eligible to receive a non-duty disability allowance computed in the same manner as an age & service allowance, based upon the service & earnings record to time of disability.

Duty Disability Allowance. Section 70.680. A member regardless of credited service who becomes totally and permanently disabled from duty-connected causes becomes eligible to receive a duty disability allowance computed in the same manner as an age & service allowance, based upon the earnings record to time of disability but based upon the years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

Death-in-Service. Section 70.661. Upon the death of a member who had completed 5 years of credited service, the eligible surviving dependents receive the following benefits:

- (a) The surviving spouse receives an allowance equal to the Option A allowance (joint and 75% survivor benefit) computed based upon the deceased members' service & earnings record to time of death.



- (b) When no spouse benefit is payable, the dependent children under age 18 (age 23 if they are full-time students) each receive an equal share of 60% of an age & service allowance computed based upon the deceased member's service & earnings record to time of death.
- (c) If the death is determined to be duty related, the 5 year service requirement is waived and the benefit is based on years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

Benefit Changes after Retirement. Section 70.655. There is an annual redetermination of the monthly benefit amount, beginning the October first following 12 months of retirement. As of each October first the amount of each eligible benefit is redetermined as follows:

- (a) Subject to the maximum in (b), the redetermined amount is the current amount increased by a percentage determined by the LAGERS Board of Trustees. The aggregate increase to all retirees is limited to 4% annually.
- (b) The redetermined amount may not exceed the amount otherwise payable multiplied by the ratio of the Consumer Price Index for the immediately preceding month of June to the Consumer Price Index for the month of June immediately preceding retirement.

Member Contributions. Sections 70.690 & 70.705. Each member contributes a percent of compensation beginning after completion of sufficient employment for 6 months of credited service. The law governing LAGERS has a provision for the adoption of a 2%, 4% or 6% member contribution rate.

If a member leaves LAGERS-covered employment before an allowance is payable, the accumulated contributions may be refunded to the member. If the member dies, his accumulated contributions may be refunded to a designated beneficiary.

The law governing LAGERS also has a provision for the adoption of a 0% plan in which the full cost of LAGERS participation is paid by the employer. Adoption of the 0% plan may be done at the time of membership or a later date; however, a change in the member contribution rate may not be made more frequently than every 2 years. Under the 0% plan there is no individual account maintained for each employee and no refund of contributions if an employee terminates before being eligible for a benefit.

Employer Contributions. Section 70.730. Each employer contributes the remainder amounts necessary to finance the employees' participation in LAGERS. Contributions to LAGERS are determined based upon level-percent-of-payroll principles, so that contribution rates do not have to increase over decades of time.

Benefit Provisions Specific to this Employer. The LAGERS provisions reflected in the actuarial valuation are indicated on the cover letter page, unless otherwise noted. Members hired prior to December 1, 2008 are covered under the Rule of 80 provision.



There were 47 retirees and beneficiaries with total annual benefits of \$1,220,654 reported as of February 28, 2026.

Rolla Municipal Utilities

Retirees and Beneficiaries Added to and Removed from Rolls Comparative Schedule

Valuation Date	Added to Rolls *		Removed from Rolls		Year End	
	Number	Annual Benefits	Number	Annual Benefits	Number	Annual Benefits #
2/28/2021	2	\$85,400	2	\$6,861	41	\$916,992
2/28/2022	4	45,634	1	1,828	44	960,798
2/28/2023	1	57,798	1	5,162	44	1,013,433
2/29/2024	2	63,696	1	15,162	45	1,061,968
2/28/2025	2	73,888	1	2,481	46	1,133,374
2/28/2026	2	119,300	1	32,020	47	1,220,654

* Includes post-retirement adjustments.

Dollar amounts will not always add up, due to rounding.

Benefits to retirees and beneficiaries are paid out of the Benefit Reserve Fund, which is a pooled fund over all employers. When a member retires, employer and member assets are transferred to the pooled Benefit Reserve Fund in order to pay the lifetime benefits to the retiring member. Therefore, the economic and demographic experience associated with the retiree and beneficiary population is shared amongst all LAGERS participating employers. In general, this experience does not affect a particular employer's computed employer contribution each year. However, it may be useful to note the liabilities associated with the above retirees and beneficiaries. The present value of future benefits associated with the above retirees and beneficiaries is \$13,913,205 as of February 28, 2026.

Rolla Municipal Utilities

Retirees and Beneficiaries on Rolls as of February 28, 2026 by Disbursing Fund and Type of Benefit Being Paid

Type of Benefit	Number	Annual Benefits #
Service Early & Deferred		
Life Option	18	\$447,456
Option A	7	129,028
Option B	13	491,313
Option C	2	76,182
Beneficiary Receiving	4	30,242
Totals	44	1,174,221
Duty Disability		
Life Option	1	18,914
Option A	1	23,270
Option B		
Option C		
Totals	2	42,183
Non-Duty Disability		
Life Option		
Option A		
Option B		
Option C		
Totals		
Beneficiary receiving		
Total Disability	2	42,183
Death-in-Service		
Spouse Receiving	1	4,249
Children Receiving		
Totals	1	4,249
Totals	47	\$1,220,654

Dollar amounts will not always add up, due to rounding.

Rolla Municipal Utilities

Active and Vested Former Members as of February 28, 2026

Division	Active Members					Number of Vested Former Members
	Number	Annual Payroll	Averages *			
			Annual Pay	Age	Service	
General	57	\$4,123,074	\$72,335	46.8 yrs.	13.8 yrs.	11

** These items are included for their general interest, but are not used in the valuation.*

A vested former member is a person who terminated employment after 5 or more years of LAGERS service, with rights to a deferred benefit commencing at age 60 (age 55 for Police, Fire or Public Safety members). Former members who terminated with this employer and now work for another LAGERS-covered employer are also included in the above right-most column.

Meaning of Actuarial Accrued Liabilities

"Actuarial Accrued Liabilities" are the present value \$ of plan promises to pay benefits in the future allocated to service already rendered --- a liability has been established ("accrued") because the service has been rendered, but the resulting monthly cash benefit may not be payable until years in the future. Accrued liability \$ are the result of complex mathematical calculations, which are made by the plan's actuary (which is the name given to the specialist who makes such calculations).

The assets credited to your account in the Employer Accumulation Fund and the Members Deposit Fund were reported to the actuary on a market value basis. For actuarial valuation purposes, the actuary adjusted the reported market value of assets to a market-related value ("actuarial value of assets"). Actuarial Value of Assets are based on market value, but with a 5-year smoothing of the difference between projected investment return, based on the actuarial assumption, and actual market to market returns. The actuarial value of assets is not permitted to deviate from market value by more than 20%. The system-wide derivation of the actuarial value of assets is shown in the Compiled Annual Actuarial Valuation Report. The funding value adjustment factor is applied to the reported value of assets of each employer. The funding value adjustment factor serves two purposes:

- It incorporates the balance in the Income-Expense Fund for actuarial valuation purposes, since it is not allocated until June 30; and
- It converts the reported value of assets to the actuarial value of assets.

"Unfunded Accrued Liabilities" are the difference between the accrued liabilities and the assets on hand. Unfunded accrued liabilities were amortized over a period of future years.

Rolla Municipal Utilities

Employer Accumulation Fund (EAF) and Members Deposit Fund (MDF) Actuarial Accrued Liabilities and Actuarial Value of Assets as of February 28, 2026

Division	Accrued Liabilities (1)	Reported Assets (Market Value)			Actuarial Value of Assets (5)	Unfunded Accrued Liabilities (6)=(1)-(5)
		EAF (2)	MDF (3)	Total (4)=(2)+(3)		
General	\$15,694,213	\$12,841,613	\$0	\$12,841,613	\$13,771,346	\$1,922,867



Rolla Municipal Utilities

Employer Contributions to the Retirement System for the Fiscal Year Beginning October 1, 2027

Division	Employer Contributions Expressed as %'s of Active Member Payroll			
	Normal Cost Rate	Casualty Rate	Prior Service Cost Rate	Total Employer Contribution Rate
General	12.2%	0.5%	(0.5)%	12.2%

The normal cost rate was determined by financing each member's retirement benefits over the period from the member's date of hire until the member's projected date of retirement (entry age actuarial cost method). The normal cost rate is credited to the employer's account in the Employer Accumulation Fund.

The casualty rate represents the value of disability benefits and duty death-in-service benefits in excess of the members' accrued normal cost, and was determined System-wide using a modified terminal funding method. The casualty rate is credited to the System-wide pooled Casualty Reserve Fund.

The prior service cost rate is computed by financing the unfunded accrued liabilities over a period or periods of future years. If the prior service cost rate is negative, it is used to partially offset the normal cost rate. The prior service cost rate is credited to the employer's account in the Employer Accumulation Fund.

Under Section 70.730 of the Revised Statutes of Missouri, the computed employer contribution rate shall not exceed the contribution rate for the immediately preceding fiscal year by more than one percent (not including the effects of any benefit changes). The contribution rates shown above reflect the one percent maximum increase, if applicable. **The uncapped employer contribution rate for the General division was computed to be 17.8%.**

The capped employer contribution rate is expected to increase each year by no more than one percent of active member payroll until reaching the uncapped employer contribution rate. However, the uncapped employer contribution rate may also increase due to actuarial losses and lower than expected contributions (i.e., capped rate vs. uncapped rate). Additional contributions should be considered to accelerate funding and reduce the period of time the employer contribution rate is capped. Please contact LAGERS for more information.



Rolla Municipal Utilities General Division

Employer Contributions – Comparative Schedule

Valuation Date	Active Members					Vested Former Members	Employer Contribution Rate
		Annual Payroll	Averages *				
			Annual Pay	Age	Service		
2/28/2021	53	\$2,719,253	\$51,307	44.4 yrs.	12.6 yrs.	9	8.7%
2/28/2022	54	2,955,537	54,732	45.6	12.9	9	8.2
2/28/2023	57	3,368,145	59,090	45.5	12.6	10	9.2
2/29/2024	55	3,555,510	64,646	47.2	13.9	10	10.2
2/28/2025	57	3,855,867	67,647	46.8	13.8	10	11.2
2/28/2026	57	4,123,074	72,335	46.8	13.8	11	12.2

* These items are included for their general interest, but are not used in the valuation.

Accrued Liabilities and Assets - Comparative Schedule

Valuation Date	Accrued Liabilities	Actuarial Value of Assets	Funded Percent	Unfunded Accrued Liabilities	
				Dollar Amount	Percent of Annual Payroll
2/28/2021	\$9,451,479	\$10,186,742	107.8%	(\$735,263)	-
2/28/2022	10,304,884	11,511,350	111.7	(1,206,466)	-
2/28/2023	11,818,671	12,243,809	103.6	(425,138)	-
2/29/2024	13,461,628	13,247,720	98.4	213,908	6.0
2/28/2025	14,342,216	13,871,248	96.7	470,968	12.2
2/28/2026	15,694,213	13,771,346	87.7	1,922,867	46.6

Amortization of Unfunded Accrued Liabilities as of February 28, 2026

Amortization Period #	Remaining Unamortized Liability	Amortization Payment
15	(\$1,032,405)	(\$91,691)
5	130,233	29,028
12	1,332,278	140,372
15	1,492,761	132,576
Total	\$1,922,867	\$210,285

The periods shown reflect the remaining amortization periods for: (i) the employer's initial liability and subsequent actuarial gains and losses; and (ii) benefit changes adopted by the employer.

Risk Commentary

Determination of the accrued liability, the employer contribution, and the funded percent requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in actuarial measurements that results from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

- (1) **Investment Risk** – The risk that actual investment returns may differ from the expected investment returns.
- (2) **Contribution Risk** – Under Section 70.730 of the Revised Statutes of Missouri, the computed employer contribution rate shall not exceed the contribution rate for the immediately preceding fiscal year by more than one percent (not including the effects of any benefit changes). Contribution risk is the risk that a group's uncapped computed employer contribution rate may be significantly greater than the capped employer contribution rate.
- (3) **Group Size Risk** – Generally speaking, the fewer active members in a valuation group, the more potential for volatility in the actuarial measurements for that group. Presented below are a couple of examples to illustrate this risk:
 - a. **Payroll** – If a valuation group has a prior service cost rate and the valuation group's payroll declined by 50% from one valuation to the next (e.g., 2 active members went down to 1 active member), the valuation group's prior service cost rate could double.
 - b. **Actuarial Gains/Losses** – Actuarial gains and losses will generally be a larger percentage of the total actuarial accrued liability for a smaller valuation group than a larger valuation group. This could lead to more volatility in the computed employer contribution rate and funded percent.

Risk Metrics

Risks facing a pension plan evolve over time. A plan with virtually no assets may experience little investment risk. A plan with a significant asset balance may be much more exposed to investment risk. A couple of generally accepted risk metrics follow:

	General
1. Ratio of the actuarial value of assets to total payroll	3.3
2. Ratio of actuarial liabilities to payroll	3.8

RATIO OF THE ACTUARIAL VALUE OF ASSETS TO TOTAL PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of computed employer contributions. For example, if the actuarial value of assets is 2.0 times the payroll, a return on the actuarial value of assets 5% different than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this metric generally indicates a higher (lower) or increasing (decreasing) volatility in computed employer contributions as a percentage of payroll.

RATIO OF ACTUARIAL LIABILITIES TO PAYROLL

The relationship between actuarial liabilities and payroll is a useful indicator of the potential volatility of computed employer contributions for a fully funded plan (i.e., a funded percent of 100%). A funding policy that targets a funded ratio of 100% is expected to result in the ratio of actuarial value of assets to payroll and the ratio of actuarial liabilities to payroll converging over time.

Low-Default-Risk Obligation Measure

INTRODUCTION

In December 2021, the Actuarial Standards Board (ASB) adopted a revision to Actuarial Standard of Practice (ASOP) No. 4, *Measuring Pension Obligations and Determining Pension Plan Costs or Contributions*. The revised ASOP No. 4 requires the calculation and disclosure of a liability referred to by the ASOP as the “Low-Default-Risk Obligation Measure” (LDROM). The rationale that the ASB cited for the calculation and disclosure of the LDROM was included in the Transmittal Memorandum of ASOP No. 4 and is presented below (emphasis added):

“The ASB believes that the calculation and disclosure of this measure provides **appropriate, useful information for the intended user regarding the funded status of a pension plan**. The calculation and disclosure of this additional measure is **not intended to suggest that this is the “right” liability measure** for a pension plan. However, the ASB does believe that **this additional disclosure provides a more complete assessment of a plan’s funded status and provides additional information regarding the security of benefits that members have earned as of the measurement date.**”

COMPARING THE ACCRUED LIABILITIES AND THE LDROM

One of the fundamental financial objectives of LAGERS is to finance each member’s retirement benefits over the period from the member’s date of hire until the member’s projected date of retirement (entry age actuarial cost method) as a level percentage of payroll. To fulfill this objective, the discount rate that is used to value the accrued liabilities of LAGERS is set equal to the **expected return** on the System’s diversified portfolio of assets (referred to sometimes as the investment return assumption). For LAGERS, the investment return assumption is 7.0%.

The LDROM is meant to approximately represent the lump sum cost to a plan to purchase low-default-risk fixed income securities whose resulting cash flows essentially replicate in timing and amount the benefits earned (or the costs accrued) as of the measurement date. **The LDROM is very dependent upon market interest rates at the time of the LDROM measurement. The lower the market interest rates, the higher the LDROM, and vice versa.** The LDROM results presented in this report are based on the projected unit credit actuarial cost method and discount rates based upon the February 2026 Treasury Yield Curve Spot Rates (monthly average). The 1-, 5-, 10- and 30-year rates follow: 3.54%, 3.71%, 4.19% and 4.98%.

Some ways in which the LDROM can assist the LAGERS Board of Trustees and participating employers in a decision-making process include:

- (1) It provides information to potentially allow for better risk management for LAGERS.
- (2) It places the appropriateness of potential employer contribution rate reductions or benefit enhancements in a better context.
- (3) It provides more complete information regarding the benefit security of the membership’s benefits earned as of the measurement date.

Given the structure of LAGERS, bullet (2) most likely has the greatest decision useful aspect for employers. For example, given the importance of benefit security to any retirement system, an employer may wish to consider the difference between the LDROM and the valuation accrued liabilities in determining if additional contributions to LAGERS in excess of those presented in this report are reasonable.



Low-Default-Risk Obligation Measure

Accrued Liabilities and LDROM

General Division

Benefits Financed by Type of Fund	Valuation Accrued Liabilities	LDROM
EAF and MDF	\$15,694,213	\$20,032,079
CRF	91,521	163,355
BRF	13,913,205	17,488,370

APPENDIX I

SUMMARY OF FINANCIAL ASSUMPTIONS

Summary of Assumptions Used in Actuarial Valuations

Assumptions Adopted by the Board of Trustees after Consulting with the Actuary

The assumptions used in performing the February 28, 2026 valuations were adopted by the Board in conjunction with a five-year experience investigation for the period ending February 28, 2025.

1. The investment return rate used in making the valuations was 7.00% per year, net of investment expenses, compounded annually. This rate of return is not the assumed real rate of return. The real rate of return is the rate of investment return in excess of the inflation rate. The price inflation rate used in making the valuations was 2.40% and the wage inflation rate used in making the valuations was 3.00%. The 7.00% investment return rate translates to an assumed real rate of return over price inflation of 4.60% and over wage inflation of 4.00%.
2. The healthy retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were 115% of the PubG-2016 Retiree Mortality Table for males and females. The disabled retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were 115% of the PubNS-2016 Disabled Retiree Mortality Table for males and females. The pre-retirement mortality tables used were 75%/50% (Male/Female) of the PubG-2016 Employee Mortality Table for males and females of General groups. The pre-retirement mortality tables used were 100%/90%/100% (Police/Fire/Public Safety) of the PubS-2016 Employee Mortality Table for males and females of Police, Fire and Public Safety groups. Mortality rates for a particular calendar year are determined by applying the MP-2021 mortality improvement scale to the above described tables.
3. The probabilities of withdrawal and disability from service, together with individual pay increase assumptions, are shown in Schedule 1.
4. The probabilities of retirement with an age and service allowance are shown in Schedule 2.
5. Post-retirement cost of living allowances are assumed to be 2.00% per year.
6. Total active member payroll is assumed to increase 3.00% a year, which is the portion of the individual pay increase assumptions attributable to wage inflation. In effect, this assumes no change in the number of active members per employer.
7. An individual entry-age actuarial cost method of valuation was used in determining age and service allowance actuarial liabilities and normal cost.
8. The data about persons now covered was furnished by the political subdivision. Although examined for general reasonableness, the data was not audited by us.

Schedule 1.

Separations From Active Employment (Not Including Death-in-Service) Before Age & Service Retirement and Individual Pay Increase Assumptions

		Percent of Active Members Separating Within Next Year							
Sample Ages	Years of Service	General/Public Safety Members				Police		Fire	
		Men		Women					
		Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal
All	0		22.00%		24.00%		19.00%		13.00%
	1		19.00		22.00		18.00		11.00
	2		17.00		19.00		17.00		10.00
	3		14.00		16.00		15.00		9.00
	4		13.00		14.00		14.00		8.00
25	5 & Over	0.06%	10.10	0.01%	13.20	0.11%	11.80	0.08%	6.80
30		0.09	8.00	0.03	11.80	0.13	9.20	0.08	4.80
35		0.11	6.10	0.05	9.20	0.18	7.10	0.18	3.40
40		0.16	4.50	0.08	6.80	0.25	5.60	0.39	2.70
45		0.22	3.30	0.13	5.10	0.38	4.10	0.70	2.20
50		0.32	2.70	0.20	3.90	0.59	2.60	1.12	1.70
55		0.50	2.10	0.28	2.60	0.99	1.40	1.67	0.90
60		0.75	1.20	0.40	1.40		0.00		0.00
65			0.00		0.00		0.00		0.00

Percent Increase in Individual's Pay During Next Year			
Sample Ages	General/ Public Safety	Police	Fire
25	7.30%	7.40%	7.90%
30	6.40	6.50	6.80
35	5.80	5.90	5.90
40	5.30	5.40	5.10
45	4.70	4.90	4.70
50	4.30	4.40	4.30
55	4.00	4.10	3.90
60	3.80	3.70	3.60
65	3.30	3.20	3.20

Schedule 2.

Percent of Eligible Active Members Retiring Within Next Year Without Rule of 80 Eligibility

Early Retirement

Retirement Ages	General Members		Retirement Ages	Police/ Public Safety	Fire
	Men	Women			
55	3.00%	3.00%	50	2.50%	2.25%
56	3.00%	3.00%	51	2.50%	2.25%
57	3.00%	3.00%	52	3.00%	2.25%
58	3.00%	3.00%	53	3.00%	2.25%
59	3.00%	3.00%	54	3.50%	2.25%

Normal Retirement

Retirement Ages	General Members		Retirement Ages	Police/ Public Safety	Fire
	Men	Women			
60	10%	10%	55	15%	13%
61	10	10	56	13	13
62	22	15	57	13	13
63	18	15	58	13	13
64	18	15	59	13	13
65	28	30	60	13	15
66	28	30	61	13	20
67	28	25	62	25	20
68	22	25	63	20	20
69	20	20	64	20	20
70	30	30	65	30	40
71	30	30	66	30	40
72	30	30	67	30	40
73	30	30	68	30	40
74	30	30	69	30	40
75	100	100	70	100	100

Schedule 2. (Concluded)

Percent of Eligible Active Members Retiring Within Next Year With Rule of 80 Eligibility

Retirement Ages	General Members		Police/ Public Safety	Fire
	Men	Women		
50	25%	15%	30%	25%
51	20	15	30	25
52	20	15	20	25
53	15	15	20	25
54	15	15	20	25
55	15	15	20	25
56	15	15	20	25
57	15	15	20	25
58	15	15	20	25
59	15	15	20	25
60	15	15	35	35
61	15	15	35	35
62	25	25	35	45
63	25	15	35	45
64	25	25	35	45
65	35	30	100	100
66	30	30		
67	30	30		
68	30	30		
69	30	30		
70	100	100		

ROLLA MUNICIPAL UTILITIES

Rolla Board of Public Works Agenda

MANAGER: Floyd Wolf

ACTION REQUESTED: None

ITEM/SUBJECT: MOPEP Update

MoPEP SUMMARY:

DATE: 07/28/2026

COMMENTARY:

MoPEP continues to be in a strong operational and resource position despite tighter regional capacity markets and growing load forecasts. Overall fleet performance remains solid, with Prairie State, Dogwood and the combustion turbine fleet reporting generally high availability and reliable operation through the second quarter of 2026. Plum Point experienced several operational events but has returned to service and remains available. Solar facilities sustained storm and hail damage but have been restored to full operation.

Key Strategic Developments

Dogwood Expansion Approved

MoPEP is advancing participation in the Dogwood Energy Facility expansion. Approximately 20 MW of capacity has been designated for MoPEP as a future resource obligation. This project strengthens long-term resource adequacy and helps address forecasted regional supply constraints.

Marshall Energy Center Progress

Construction of Marshall Energy Center Phase 1 continues on schedule, with major equipment installations underway. Additional generation projects at Fulton and Hannibal are progressing through engineering, permitting, and procurement phases. These projects are intended to support future reliability and load growth needs across MJMEUC member systems.

Market and Budget Outlook

Load forecasts throughout regional transmission organizations continue to increase, driven largely by economic growth and emerging high-density computational loads such as AI data centers. At the same time, transmission expansion costs and utility rate increases across Missouri continue to place upward pressure on wholesale power costs. MoPEP staff indicated that accurate member load forecasting will become increasingly important in future budgeting and resource planning efforts.

Large Load Policy

One of the most significant policy items was approval of a new **Large Load Policy**. The policy establishes requirements for serving large computational customers such as AI data centers and cryptocurrency operations. Importantly, it protects existing utility customers by requiring those large-load customers to bear all costs associated with infrastructure upgrades, transmission, capacity obligations, and potential default risks. The policy also requires substantial financial security and long-term service commitments before such customers can be connected. This is intended to prevent risk from being shifted to existing municipal utility customers.

 **DRAFT**

Rolla Municipal Utilities

FY2027 BUDGET

October 1, 2026 – September 30, 2027



Approved by RBPW

07/29/2025

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BUDGET SUMMARY ANALYSIS - FY2027 BUDGETED

	FY2027 - BUDGETED			
	ELECTRIC	WATER	POWER PROD	TOTAL
OPERATING REVENUE	\$34,618,515	\$4,979,649	\$1,830,000	\$41,428,164
OPERATING EXPENSE	<u>-\$34,551,200</u>	<u>-\$4,583,800</u>	<u>-\$350,000</u>	<u>-\$39,485,000</u>
BUDGETED OPERATING MARGIN	\$67,315	\$395,849	\$1,480,000	\$1,943,164
OTHER REVENUE & EXPENSE	<u>\$1,319,175</u>	<u>\$935,415</u>	<u>\$143,910</u>	<u>\$2,398,500</u>
BUDGETED NET INCOME	\$1,386,490	\$1,331,264	\$1,623,910	\$4,341,664
NON-CASH REVENUE				
Donated Capital Assets (Contributed Capital)	-\$96,000	-\$54,000	\$0	-\$150,000
NON-CASH EXPENSE				
Depreciation - RMU **	\$1,619,200	\$1,210,800	\$50,000	\$2,880,000
CAPITAL EXPENDITURES **	<u>-\$12,346,400</u>	<u>-\$6,421,600</u>	<u>-\$1,500,000</u>	<u>-\$20,268,000</u>
BUDGETED RESERVE TRANSFER	-\$9,436,710	-\$3,933,536	\$173,910	-\$13,196,336
<u>CASH ACCOUNT FOR FY2027</u>				
AS OF OCTOBER 1, 2027 - budgeted				\$9,684,358
Less OCTOBER 1, 2026 - projected				<u>-\$21,430,694</u>
CHANGE IN CASH				-\$11,746,336

OPERATING STATEMENT

	FY2025 ACTUAL	FY2026 PROJECTED	FY2027 BUDGET
<u>OPERATING REVENUE</u>			
Residential Sales	\$13,639,982	\$15,111,262	\$16,533,486
Commercial Sales	\$5,402,322	\$5,690,600	\$5,972,920
Power Service Sales	\$7,005,866	\$7,341,000	\$7,759,380
Industrial Sales	\$6,003,660	\$6,628,600	\$7,137,480
Non Residential Water Sales	\$1,235,024	\$1,800,630	\$1,882,270
Area/Street Lighting	\$273,091	\$267,606	\$270,206
Fire Sprinkler Line Fees	\$86,195	\$101,820	\$101,820
Special Sales (Water)	\$278,870	\$263,270	\$276,150
Miscellaneous Fees	\$106,847	\$80,000	\$80,000
Capacity & Operating Credits (Power Prod)	\$370,642	\$1,230,000	\$1,830,000
Interdepartmental Services - City	\$228,518	\$289,472	\$304,452
Rate Stabilization Electric	<u>-\$720,000</u>	<u>-\$720,000</u>	<u>-\$720,000</u>
Total Operating Revenue	\$33,911,018	\$38,084,260	\$41,428,164
<u>OPERATING EXPENSES</u>			
Transmission	\$6,600	\$220,000	\$30,000
Depreciation - RMU *	\$2,065,027	\$2,580,000	\$2,830,000
Interest on Deposits	\$0	\$0	\$0
Power Purchases (Electric)	\$25,092,050	\$27,000,000	\$27,100,000
2025 Tornado	\$0	\$1,590,000	\$0
Source of Supply (Water)	\$556,541	\$627,000	\$632,000
Treatment (Water)	\$64,237	\$80,000	\$85,000
Distribution	\$4,368,381	\$3,397,000	\$3,512,000
Customer Accounting	\$822,430	\$890,000	\$1,000,000
Administrative and General	\$4,972,720	\$4,138,000	\$3,946,000
Power Production Expenses	\$205,837	\$260,000	\$350,000
Interdept Expenses - City	<u>\$29,931</u>	<u>\$80,000</u>	<u>\$0</u>
Total Operating Expenses	\$38,183,754	\$40,862,000	\$39,485,000
<u>OPERATING MARGIN</u>	<u>-\$4,272,736</u>	<u>-\$2,777,740</u>	<u>\$1,943,164</u>
<u>NON-OPERATING REVENUE</u>			
Interest Revenue	\$1,117,820	\$800,000	\$650,000
Other Revenue	<u>\$1,714,130</u>	<u>\$1,223,500</u>	<u>\$1,748,500</u>
Total Non-Operating Revenue	\$2,831,949	\$2,023,500	\$2,398,500
<u>NET INCOME</u>	<u>-\$1,440,786</u>	<u>-\$754,240</u>	<u>\$4,341,664</u>

* Includes Fiber

** Streetlights (City)

*** Fire protection (City)

MINIMUM CASH RESERVE & RATE STABILIZATION STATEMENT

To help insure timely completion of capital improvements and enable the utility to meet requirements for large unexpected expenditures, a Minimum Cash Reserve and Rate Stabilization Statement is hereby established. Minimum cash reserves attempts to quantify the minimum amount of cash the utility should keep in reserve, actual cash reserves may vary substantially above the minimum and is dependent on the life cycle of assets that are currently in service. The methodology used in this statement is based on certain assumptions related to percent of operation and maintenance, rate base, debt service, and capital improvements. The establishment of minimum cash reserves should consider a number of factors including:

WORKING CAPITAL LAG

Timing differences between when expenses are incurred and revenues received from customers. Establishing a minimum cash reserve helps to ensure cash exists to pay expenses in a timely manner. Examples of uncertainties that should be considered include financial risks, rate setting policies, and variability in power supply costs.

INVESTMENT IN ASSETS

Catastrophic events may occur that require substantial amounts of cash reserves to replace damaged assets. Some examples of catastrophic events include ice storms, earthquakes, wind storms, floods, frozen water mains, or tornadoes. Many of these catastrophic events may allow the utility to recover the cost of damages from FEMA. However FEMA reimbursements can take between six months to two (2) years to recover. The utility should ensure adequate cash reserves exist to replace assets in a timely fashion. The minimum reserve levels are often combined with emergency funding from banks or bonding agencies.

ANNUAL DEBT SERVICE

Debt service payments do not occur evenly throughout the year and often occurs at periodic times. The utility has to ensure adequate cash reserves exist to fund the debt service payment when the payment is due.

CAPITAL IMPROVEMENT PROGRAM

Some capital improvements are funded through lease/purchases and some through cash reserves. The establishment of a minimum cash reserve level helps to ensure timely replacement or construction of assets.

RATE STABILIZATION FUND

The Rolla Board of Public Works desires to maintain rates competitive with other utilities, mitigate increasing cost and provide rate stability. To mitigate risks associated with our industry we operate a Rate Stabilization Fund for the purpose of maintaining rate competitiveness and rate stability by mitigating cost increases that would otherwise be passed along to our customers.

If certain events occur that result in cash reserves falling below the minimum levels established by the Rolla Board of Public Works, action is needed to restore the cash reserves above the minimum levels. These actions may consider a number of factors including:

- Rate adjustments
- Cost reductions
- Funding of capital improvement programs
- Modification of the assumptions used to determine cash reserve levels

The assumptions should be reviewed annually, and modified if necessary, to reflect the Rolla Board of Public Works and Management's philosophy on minimum cash reserve levels.

Rolla Municipal Utilities
FY2027 BUDGET

MINIMUM CASH RESERVE STATEMENT (continued)

Table A

Minimum Cash Reserve Levels - ELECTRIC & POWER PRODUCTION			
<u>Inputs</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>
Operation & Maintenance less Depreciation	\$32,823,198	\$34,732,000	\$32,932,000
Rate Base	\$34,477,918	\$36,312,951	\$45,278,400
Debt Service (annual)	\$0	\$0	\$0
Capital Improvements (5-year plan)	\$15,582,072	\$13,927,351	\$12,346,400
<u>Percentages</u>			
Operation & Maintenance less Depreciation	25%	25%	25%
Rate Base	2%	2%	2%
Debt Service (annual)	50%	50%	50%
Capital Improvements (5-year plan)	15%	15%	15%
<u>Calculations</u>			
Operation & Maintenance less Depreciation	\$8,205,799	\$8,683,000	\$8,233,000
Rate Base	\$689,558	\$726,259	\$905,568
Debt Service (annual)	\$0	\$0	\$0
Capital Improvements (5-year plan)	<u>\$2,337,311</u>	<u>\$2,089,103</u>	<u>\$1,851,960</u>
Min Cash Reserve Level - Elec/PP	\$11,232,669	\$11,498,362	\$10,990,528
	<u>120%</u>	<u>120%</u>	<u>120%</u>
Operating Benchmark - Elec/Pwr Prod	\$16,849,003	\$13,798,034	\$13,188,634
	<u>30%</u>	<u>30%</u>	<u>30%</u>
Rate Stabilization Fund - Elec/Pwr Prod	\$3,369,801	\$3,449,509	\$3,297,158

Table B

Minimum Cash Reserve Levels - WATER			
<u>Inputs</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>
Operation & Maintenance less Depreciation	\$3,089,693	\$3,290,000	\$3,373,000
Rate Base	\$4,426,218	\$8,620,848	\$15,042,448
Debt Service (annual)	\$175,000	\$0	\$0
Capital Improvements (5-year plan)	\$13,088,973	\$11,752,448	\$6,421,600
<u>Percentages</u>			
Operation & Maintenance less Depreciation	25%	25%	25%
Rate Base	2%	2%	2%
Debt Service (annual)	50%	50%	50%
Capital Improvements (5-year plan)	15%	15%	15%
<u>Calculations</u>			
Operation & Maintenance less Depreciation	\$772,423	\$822,500	\$843,250
Rate Base	\$88,524	\$172,417	\$300,849
Debt Service (annual)	\$87,500	\$0	\$0
Capital Improvements (5-year plan)	<u>\$1,963,346</u>	<u>\$1,762,867</u>	<u>\$963,240</u>
Min Cash Reserve Level - Water	\$2,911,793	\$2,757,784	\$2,107,339
	<u>120%</u>	<u>120%</u>	<u>120%</u>
Operating Benchmark - Water	\$4,367,690	\$3,309,341	\$2,528,807
	<u>30%</u>	<u>30%</u>	<u>30%</u>
Rate Stabilization Fund - Water	\$873,538	\$827,335	\$632,202

CASH FLOW STATEMENT

SOURCE OF CASH

PROJECTED CASH OCTOBER 1, 2026		\$21,430,694
Public Utility Account (General Fund)	\$1,898,422	
Public Utility Sweep Account	\$0	
Working Fund	\$51,450	
State Tax Fund	\$2,000	
Electronic Funds Account	\$582,778	
CAPITAL RESERVE ACCOUNT - Electric		
Rate Stabilization Fund	\$2,160,000	
Restricted Reserves	\$11,885,990	
Electric Reserves	\$5,098,418	
CAPITAL RESERVE ACCOUNT - Water		
Rate Stabilization Fund	\$681,299	
Water Reserves	-\$929,663	
Total Reserves October 1, 2026		\$18,896,044
Remaining Operating Cash		\$2,534,650
 OPERATING MARGIN		 \$1,943,164
Electric Department	\$67,315	
Water Department	\$395,849	
Power Production	\$1,480,000	
NON-OPERATING REVENUE***		\$2,248,500
DEPRECIATION - (Non-Cash Expense)		\$2,830,000
Rolla Municipal Utilities *	\$2,830,000	
 Total Source of Cash		 \$28,452,358

USE OF CASH

CAPITAL EXPENDITURES **		\$18,768,000
Electric Department	\$12,346,400	
Water Department	\$6,421,600	

PROJECTED CASH OCTOBER 1, 2027		\$9,684,358
Public Utility Account (General Fund)	\$0	
Public Utility Sweep Account	\$0	
Working Fund	\$51,450	
State Tax Fund	\$2,000	
Electronic Funds Account	\$400,000	
CAPITAL RESERVE ACCOUNT - Electric		
Rate Stabilization Fund	\$3,120,000	
Restricted Reserves	\$6,085,990	
Electric Reserves	\$4,468,305	
CAPITAL RESERVE ACCOUNT - Water		
Rate Stabilization Fund	\$681,299	
Water Reserves	-\$929,663	
Total Reserves October 1, 2027		\$13,425,931
Remaining Operating Cash		-\$3,741,573

* Includ

** Includes Fiber

*** Donated Capital Assets (Contractor Mains) are not included. (Noncash)

Rolla Municipal Utilities
FY2027 BUDGET

TRANSFERS TO CITY

TRANSFERS TO CITY GENERAL FUND

The following charges are billed and collected by RMU for the City of Rolla. The amounts of these charges are adopted and approved by the Rolla City Council.

**FY2027
BUDGET**

PAYMENT IN LIEU OF TAX (PILOT)

\$2,010,493

5% of Electric & Water Sales including Service Availability Fees (SAF).

Rolla Municipal Utilities
FY2027 BUDGET

NON-OPERATING REVENUE

**FY2027
BUDGET**

INTEREST REVENUE

Interest on Fund Accounts	\$650,000	
Total Interest Revenue		\$650,000

OTHER REVENUE

Miscellaneous non-operating revenue from material sales/services, late fees, frontage fees, grants, donated capital assets, state budget appropriation and fiber revenue**	\$1,864,500	
Less non-operating revenue deductions *	<u>-\$116,000</u>	
Total Other Revenue		<u>\$1,748,500</u>

TOTAL NON-OPERATING REVENUE		\$2,398,500
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Rolla Municipal Utilities
FY2027 BUDGET

OPERATING STATEMENT - Electric Department

	<u>FY2025 Actual</u>	<u>FY2026 Projected</u>	<u>FY2027 Budget</u>
<u>OPERATING REVENUE</u>			
Residential Sales	\$11,356,481	\$12,727,300	\$13,938,680
Commercial Sales	\$5,402,322	\$5,690,600	\$5,972,920
Power Service Sales	\$7,005,866	\$7,341,000	\$7,759,380
Industrial Sales	\$6,003,660	\$6,768,600	\$7,137,480
Area/Street Lighting	\$273,091	\$267,606	\$270,206
Miscellaneous Fees	\$95,538	\$65,000	\$65,000
Interdepartmental Services - City	\$159,612	\$185,262	\$194,849
Rate Stabilization Fund	-\$720,000	-\$720,000	-\$720,000
Hartmann US	-\$135,657	-\$140,000	\$0
Total Operating Revenue	\$29,440,913	\$32,185,368	\$34,618,515
<u>OPERATING EXPENSES</u>			
Transmission	\$6,600	\$220,000	\$30,000
Depreciation - RMU *	\$1,480,487	\$1,569,200	\$1,619,200
Interest on Deposits	\$0	\$0	\$0
Power Purchases	\$25,092,050	\$27,000,000	\$27,100,000
Tornado Related Expenses/Billable Jobs	\$0	\$1,590,000	\$0
Distribution	\$3,473,209	\$2,477,000	\$2,569,000
Customer Accounting	\$517,929	\$570,000	\$645,000
Administrative and General	\$3,703,479	\$2,795,000	\$2,588,000
Interdepartmental Expenses - City (nonbillable)	<u>\$29,931</u>	<u>\$80,000</u>	<u>\$0</u>
Total Operating Expenses	\$34,303,684	\$36,301,200	\$34,551,200
OPERATING MARGIN FOR ELECTRIC DEPARTMENT	-\$4,862,771	-\$4,115,832	\$67,315

* Includes Fiber

** Streetlights (City)

Rolla Municipal Utilities
FY2027 BUDGET

OPERATING REVENUE - Electric Department

	Total kWh/kW sold Avg Mtrs/Month		FY2027 BUDGET
<u>RESIDENTIAL SALES</u>			
Residential: Single-Phase Energy	115,000,000	\$10,925,000	
Service Availability Fees	8,250	\$2,821,500	
Residential: Three-Phase Energy	1,800,000	\$171,000	
Service Availability Fees	23	\$15,180	
Community Solar		<u>\$6,000</u>	
Total Residential Sales			\$13,938,680
<u>COMMERCIAL SALES</u>			
Commercial: Single-Phase Energy	16,000,000	\$1,520,000	
Service Availability Fee	950	\$324,900	
Commercial: Three-Phase Energy	40,000,000	\$3,800,000	
Service Availability Fees	497	\$328,020	
Total Commercial Sales			\$5,972,920
<u>POWER SERVICE SALES</u>			
Power Service Energy	75,000,000	\$5,625,000	
Power Service Demand	195,000	\$1,852,500	
Service Availability Fees	87	\$281,880	
Renewable Energy		<u>\$0</u>	
Total Power Service Sales			\$7,759,380
<u>INDUSTRIAL SALES</u>			
Industrial Energy	78,000,000	\$5,562,600	
Industrial Demand	150,000	\$1,500,000	
Service Availability Fees	6	\$74,880	
Renewable Energy		<u>\$0</u>	
Total Industrial Sales			\$7,137,480
<u>AREA LIGHTING</u>			
Metered Lighting			
Metered Lighting Energy	170,000	\$14,960	
Service Availability Fees	15	\$9,900	
NonMetered Lighting		<u>\$64,198</u>	
Total Area Lighting			\$89,058
<u>STREET LIGHTING</u>			
Metered Lighting			
Metered Lighting Energy	330,000	\$66,000	
Service Availability Fees	24	\$28,800	
NonMetered Lighting		<u>\$86,348</u>	
Total Street Lighting			\$181,148
<u>MISCELLANEOUS FEES</u>			
Service Fees		\$65,000	
Credit Card Processing Fees		<u>\$0</u>	
Total Miscellaneous Fees			\$65,000
<u>INTERDEPARTMENTAL SERVICES - CITY</u>			
Billing City Services (64%)			\$194,849
<u>RATE STABILIZATION FUND</u>			
Rate Stabilization Fund			-\$720,000
<u>Utility Incentive</u>			
Hartmann			\$0
TOTAL OPERATING REVENUE FOR ELECTRIC DEPARTMENT			\$34,618,515

Rolla Municipal Utilities
FY2027 BUDGET

OPERATING EXPENSES - Electric Department

	FY2025 <u>ACTUAL</u>	FY2026 <u>PROJECTED</u>	FY2027 <u>BUDGET</u>
<u>TRANSMISSION</u>			
3570/Bulk Stn: Station Equipment	\$6,600	\$220,000	\$30,000
3597/Bulk Stn: Meters	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Transmission	\$6,600	\$220,000	\$30,000
<u>DEPRECIATION</u>			
4403/Rolla Municipal Utilities (RMU)	\$1,457,405	\$1,550,000	\$1,600,000
5403/RMU (Fiber 64%)	\$23,082	\$19,200	\$19,200
Total Depreciation	\$1,480,487	\$1,569,200	\$1,619,200
<u>INTEREST</u>			
4431/Deposits	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Interest	\$0	\$0	\$0
<u>POWER PURCHASES/4555</u>	\$25,092,050	\$27,000,000	\$27,100,000
<u>DISTRIBUTION</u>			
4416/Tornado Expenses/Billable Jobs	\$0	\$1,590,000	\$90,000
4571/O & M - Transmission Lines	\$5,956	\$5,000	\$5,000
4584/Transportation	\$117,992	\$200,000	\$200,000
4588/Misc. Distribution Expense	\$429,349	\$460,000	\$417,000
4591/Maintenance Structures	\$30,215	\$25,000	\$50,000
4592/O & M - Station Equipment	\$29,133	\$40,000	\$50,000
4593/O & M - Overhead Lines	\$1,397,724	\$1,250,000	\$1,300,000
4594/O & M - Underground Lines	\$69,998	\$100,000	\$110,000
4595/Maintenance Transformers	\$22,389	\$25,000	\$35,000
4596/O & M - Streetlights	\$210,576	\$240,000	\$260,000
4597/O & M - Meters	\$128,208	\$130,000	\$140,000
4600/Cost of Electric - Plant Removal	\$1,031,669	\$2,000	\$2,000
Total Distribution	\$3,473,209	\$2,477,000	\$2,569,000
<u>CUSTOMER ACCOUNTING & COLLECTING</u>			
4902/Meter Reading Expenses	\$68,119	\$70,000	\$75,000
4903/Customer Records & Collections	\$454,963	\$500,000	\$520,000
4904/Uncollectible Accounts	<u>\$5,153</u>	<u>\$0</u>	<u>\$50,000</u>
Total Customer Acctg & Collecting	\$517,929	\$570,000	\$645,000
<u>ADMINISTRATIVE AND GENERAL</u>			
4913/Advertising	\$20,250	\$20,000	\$20,000
4920/Administrative & General	\$157,740	\$235,000	\$235,000
4921/Office Supplies and Expenses	\$210,862	\$265,000	\$268,000
4923/Outside Services Employed	\$1,543	\$80,000	\$50,000
4924/Insurance	\$325,489	\$340,000	\$360,000
4926/Employee Benefits	\$1,793,728	\$1,800,000	\$1,800,000
4930/Misc. General Expenses	\$1,169,579	\$30,000	\$30,000
4932/Maintenance General Plant	<u>\$24,289</u>	<u>\$25,000</u>	<u>\$25,000</u>
Total Administrative & General	\$3,703,479	\$2,795,000	\$2,588,000
0426/Interdept Expenses (City)	<u>\$29,931</u>	<u>\$80,000</u>	<u>\$0</u>
TOTAL OPERATING EXPENSES (Elec)	\$34,303,684	\$34,711,200	\$34,551,200

OPERATING STATEMENT - Power Production

	<u>FY2025 Actual</u>	<u>FY2026 Projected</u>	<u>FY2027 Budget</u>
<u>OPERATING REVENUE</u>			
Power Production	\$370,642	\$1,230,000	\$1,830,000
Total Operating Revenue	\$370,642	\$1,230,000	\$1,830,000
<u>OPERATING EXPENSES</u>			
Depreciation - RMU *	\$32,521	\$25,000	\$50,000
Distribution	\$154,525	\$210,000	\$275,000
Administrative and General	\$18,791	\$25,000	\$25,000
Total Operating Expenses	\$205,837	\$260,000	\$350,000
OPERATING MARGIN FOR POWER PRODUCTION	\$164,805	\$970,000	\$1,480,000

* includes Fiber

** Streetlights (City)

Rolla Municipal Utilities
FY2027 BUDGET

OPERATING REVENUE - Power Production

	Total kWh/kW sold <u>Avg Mtrs/Month</u>	FY2027 <u>BUDGET</u>
<u>POWER PRODUCTION</u>		
Capacity & Operating Credits		
MoPep Capacity Credits	\$1,800,000	
Operating Credit	<u>\$30,000</u>	
Total Power Production		\$1,830,000
 TOTAL OPERATING REVENUE FOR POWER PRODUCTION		 <u>\$1,830,000</u>

Rolla Municipal Utilities
FY2027 BUDGET

OPERATING EXPENSES - Power Production

	FY2025	FY2026	FY2027
<u>DEPRECIATION</u>	<u>ACTUAL</u>	<u>PROJECTED</u>	<u>BUDGET</u>
7403/RMU (Power Production)	\$32,521	\$25,000	\$50,000
Total Depreciation	\$32,521	\$25,000	\$50,000
 <u>DISTRIBUTION</u>			
7546/Engineering	\$110	\$5,000	\$5,000
7547/Fuel	\$8,194	\$50,000	\$50,000
7548/Generation Expense	\$19,299	\$20,000	\$20,000
7549/Miscellaneous	\$0	\$10,000	\$10,000
7553/Generation & Electric Equipment	\$126,922	\$125,000	\$190,000
Total Distribution	\$154,525	\$210,000	\$275,000
 <u>ADMINISTRATIVE AND GENERAL</u>			
7924/Insurance (Power Production)	\$1,862	\$5,000	\$5,000
7926/Employee Benefits (Power Production)	\$16,929	\$20,000	\$20,000
Total Administrative & General	\$18,791	\$25,000	\$25,000
 TOTAL OPERATING EXPENSES (PP)	\$205,837	\$260,000	\$350,000

OPERATING STATEMENT - Water Department

	<u>FY2025 ACTUAL</u>	<u>FY2026 PROJECTED</u>	<u>FY2027 BUDGET</u>
<u>OPERATING REVENUE</u>			
Residential Sales	\$2,283,501	\$2,383,962	\$2,594,806
Non-Residential Sales	\$1,235,024	\$1,800,630	\$1,882,270
Special Sales	\$278,870	\$263,270	\$276,150
Fire Sprinkler Lines	\$86,195	\$101,820	\$101,820
Miscellaneous Fees	\$11,310	\$15,000	\$15,000
Interdepartmental Services - City	\$68,906	\$104,210	\$109,603
Total Operating Revenue	\$3,963,806	\$4,668,892	\$4,979,649
<u>OPERATING EXPENSES</u>			
Depreciation - RMU *	\$552,019	\$1,010,800	\$1,210,800
Interest on Deposits	\$0	\$0	\$0
Source of Supply	\$556,541	\$627,000	\$632,000
Treatment	\$64,237	\$80,000	\$85,000
Distribution	\$895,172	\$920,000	\$943,000
Customer Accounting	\$304,501	\$320,000	\$355,000
Administrative and General	<u>\$1,269,241</u>	<u>\$1,343,000</u>	<u>\$1,358,000</u>
Total Operating Expenses	\$3,641,712	\$4,300,800	\$4,583,800
OPERATING MARGIN FOR WATER DEPARTMENT	\$322,094	\$368,092	\$395,849

* Includes Fiber

** Fire protection (City)

Rolla Municipal Utilities
FY2027 BUDGET

OPERATING REVENUE - Water Department

	Total Gals Sold & <u>Avg Mtrs/Month</u>		FY2027 BUDGET
<u>RESIDENTIAL SALES</u>			
Residential Water	325,000,000	\$1,543,750	
Service Availability Fees			
5/8" or 3/4"	6,501	\$1,014,156	
1"	57	\$13,680	
1-1/2"	1	\$420	
2"	33	\$17,820	
3"	3	\$3,240	
4"	1	\$1,740	
Total Residential Sales			\$2,594,806
<u>NON-RESIDENTIAL SALES</u>			
Non-Residential Water ^	343,000,000	\$1,629,250	
Service Availability Fees			
5/8" or 3/4"	570	\$88,920	
1"	118	\$28,320	
1-1/2"	5	\$2,100	
2"	138	\$74,520	
3"	45	\$48,600	
4"	4	\$6,960	
6"	1	\$3,600	
Total Commercial Sales			\$1,882,270
<u>SPECIAL SALES</u>			
MS&T/Special Sales	31,000,000	\$144,150	
Service Availability Fee			
6"	5	\$18,000	
Water District Sales	20,000,000	\$114,000	
Utility Surcharge - NPZ		\$0	
Total Special Sales			\$276,150
<u>FIRE SPRINKLER LINE FEES</u>			
<=4"	135	\$56,700	
6"	31	\$22,320	
8"	17	\$20,400	
10"	1	\$2,400	
Total Fire Sprinkler Line Fees			\$101,820
<u>MISCELLANEOUS FEES</u>			
Service Fees		\$15,000	
Credit Card Fees		\$0	
Total Miscellaneous Fees			\$15,000
<u>INTERDEPARTMENTAL SERVICES - CITY</u>			
Billing City Services (36%)			\$109,603
TOTAL OPERATING REVENUE FOR WATER DEPARTMENT			\$4,979,649

OPERATING EXPENSES - Water Department

	FY2025 <u>ACTUAL</u>	FY2026 <u>PROJECTED</u>	FY2027 <u>BUDGET</u>
<u>DEPRECIATION</u>			
8403/Rolla Municipal Utilities	\$539,036	\$1,000,000	\$1,200,000
5403/Rolla Municipal Utilities (Fiber 36%)	\$12,984	\$10,800	\$10,800
Total Depreciation	\$552,019	\$1,010,800	\$1,210,800
<u>INTEREST</u>			
8430/Water project	\$0	\$0	\$0
8431/Deposits	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Interest	\$0	\$0	\$0
<u>SOURCE OF SUPPLY</u>			
8611/O & M - Wells & Well Houses	\$92,900	\$75,000	\$80,000
8623/Fuel or Power for Pumping	\$453,857	\$550,000	\$550,000
8633/O & M - Pumps & Pump Houses	\$9,784	\$2,000	\$2,000
Transfer to Electric Reserves NPZ	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Source of Supply	\$556,541	\$627,000	\$632,000
<u>TREATMENT</u>			
8641/Chemicals	\$22,583	\$20,000	\$20,000
8652/O & M - Treatment	<u>\$41,654</u>	<u>\$60,000</u>	<u>\$65,000</u>
Total Treatment	\$64,237	\$80,000	\$85,000
<u>DISTRIBUTION</u>			
8584/Transportation	\$79,956	\$75,000	\$75,000
8665/Miscellaneous Distribution	\$259,144	\$285,000	\$298,000
8672/O & M - Towers	\$7,249	\$20,000	\$10,000
8673/O & M - Mains	\$423,080	\$400,000	\$420,000
8675/O & M - Service Lines	\$58,843	\$80,000	\$80,000
8676/O & M - Meters	\$50,354	\$50,000	\$50,000
8677/Maintenance Hydrants	<u>\$16,546</u>	<u>\$10,000</u>	<u>\$10,000</u>
Total Distribution	\$895,172	\$920,000	\$943,000
<u>CUSTOMER ACCOUNTING & COLLECTING</u>			
8902/Meter Reading Expenses	\$56,881	\$50,000	\$55,000
8903/Records & Collection Expenses	\$250,187	\$270,000	\$280,000
8904/Uncollectible Accounts	<u>-2,567</u>	<u>\$0</u>	<u>\$20,000</u>
Total Customer Acctg & Collecting	\$304,501	\$320,000	\$355,000
<u>ADMINISTRATIVE AND GENERAL</u>			
8913/Advertising	\$6,150	\$8,000	\$8,000
8920/Administrative & General	\$97,078	\$135,000	\$135,000
8921/Office Supplies and Expenses	\$110,586	\$145,000	\$145,000
8923/Outside Services Employed	\$3,393	\$50,000	\$15,000
8924/Insurance	\$133,012	\$140,000	\$150,000
8926/Employee Benefits	\$775,042	\$760,000	\$800,000
8930/Privacy Fees	\$102,514	\$55,000	\$55,000
8591/Maint to Service Dept	\$16,630	\$15,000	\$15,000
8930/Misc General - Expenses	\$11,095	\$20,000	\$20,000
8932/Maintenance General Plant	<u>\$13,742</u>	<u>\$15,000</u>	<u>\$15,000</u>
Total Administrative & General	\$1,269,241	\$1,343,000	\$1,358,000
TOTAL OPERATING EXPENSES FOR WATER DEPARTMENT	\$3,641,712	\$4,300,800	\$4,583,800

* Fire Protection (City)

CAPITAL EXPENDITURES - SUMMARY

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CAPITAL EXPENDITURES - Electric Department

	FY2025 ACTUAL	FY2026 PROJECTED	FY2027 BUDGET
TRANSMISSION (138 kV)			
3350/Land & Land Rights	\$0	\$0	\$0
3353/Station Equipment	\$19,820	\$0	\$0
3355/Poles, Towers, & Fixtures	\$0	\$0	\$0
3356/Overhead Conductors & Devices	\$0	\$0	\$0
3370/Meters	\$0	\$0	\$0
Total Transmission	\$19,820	\$0	\$0
SUB-TRANSMISSION (34.5 kV)			
4350/Land & Land Rights	\$0	\$0	\$0
4353/Station Equip - 34 KV	\$0	\$0	\$0
4355/Poles & Fixtures	\$0	\$0	\$50,000
4356/Overhead Conductors & Devices	\$0	\$0	\$25,000
4357/Underground Conductors & Devices	\$0	\$0	\$25,000
4358/Underground Conduit	\$0	\$0	\$10,000
Total Sub-Transmission	\$0	\$0	\$110,000
DISTRIBUTION			
4360/Land and Land Rights	\$0	\$0	\$0
4361/Structures & Improvements	\$0	\$0	\$0
4362/Station Equipment	\$48,186	\$100,000	\$1,045,000
4364/Poles, Towers & Fixtures	\$16,871	\$20,000	\$200,000
4365/Overhead Conductors & Devices	\$70,478	\$40,000	\$80,000
4366/Underground Conduit	\$310,300	\$300,000	\$400,000
4367/Underground Conductors & Devices	\$188,798	\$300,000	\$500,000
4368/Line Transformers	\$803,813	\$400,000	\$150,000
4369/Services	\$18,978	\$5,000	\$5,000
4370/Meters	\$0	\$0	\$3,000,000
4372/Rental Property: Customer Premises	\$0	\$0	\$0
4373/Streetlighting & Signal Systems	\$47,687	\$50,000	\$50,000
Total Distribution	\$1,505,112	\$1,215,000	\$5,430,000
GENERAL PLANT			
4389/Land and Land Rights (64%)	\$0	\$0	\$0
4390/Structures & Improvements (64%)	\$0	\$0	\$5,504,000
4391/Office Furniture & Equipment (64%)	\$0	\$9,600	\$275,200
4392/Transportation Equipment (64%)	\$43,229	\$182,627	\$640,000
4394/Tools, Shop & Garage Equip (64%)	\$0	\$0	\$12,800
4395/Laboratory Equipment	\$0	\$0	\$0
4396/Power Operated Equipment (64%)	\$42,613	\$171,738	\$374,400
4397/Communication Equipment (64%)	\$0	\$0	\$0
Total General Plant	\$85,842	\$363,965	\$6,806,400
CAPITAL EXPENDITURES/FIBER (64%)	\$43,947	\$1,987	\$0
TOTAL CAPITAL EXPENDITURES FOR ELECTRIC DEPARTMENT	\$1,654,721	\$1,580,951	\$12,346,400

CAPITAL EXPENDITURES - Power Production Department

	<u>FY2025 ACTUAL</u>	<u>FY2026 PROJECTED</u>	<u>FY2027 BUDGET</u>
<u>DISTRIBUTION</u>			
7344/Generators	\$0	\$0	\$1,500,000
Total Distribution	\$0	\$0	\$1,500,000
TOTAL CAPITAL EXPENDITURES FOR POWER PRODUCTION	\$0	\$0	\$1,500,000

Rolla Municipal Utilities
FY2027 BUDGET

RESTRICTED ELECTRIC RESERVE PROJECTS

	FY2025	FY2026	FY2027
- 11th Street Underground (4366/4367/4368)	\$225,000	\$0	\$0
- Pine Street Electric Improvements	\$180,000	\$0	\$0
-Bridgeschool to Dewing Tie	\$100,000	\$600,000	\$0
-10th Street Underground	\$0	\$0	\$800,000
- Automated Meter Reading	\$0	\$0	\$2,011,941
4390/Structures & Improvements			
- Service Department Equipment Parking(9,500 sq. ft.)	\$0	\$700,000	\$0
- Service Department Equipment Shop (5,000 sq. ft.)	\$0	\$500,000	\$0
- Service Department Office Addition (15,000 sq. ft.)	\$684,850	\$4,000,000	\$4,000,000
- Service Center Access Control	\$0	\$0	\$150,000
- Service Center Expansion Furnishing	\$0	\$0	\$200,000
TOTAL PROJECT EXPENSES	\$1,189,850	\$5,800,000	\$7,161,941

Rolla Municipal Utilities
FY2027 BUDGET

UNFUNDED BUDGET REQUESTS

		\$4,370,000
<u>Equipment/Facilities</u>		
- Hy Point #1 Wellhouse Building	\$350,000	
- Add'l Undergrounding	\$1,000,000	
- Short Term Load Forecast Tool	\$60,000	
- Lawn Mower	\$30,000	
- Electric Service Truck 37' = #17	\$200,000	
- Hospital Switchgear	\$600,000	
- Vacuum Excavator	\$130,000	
- AMI Additional Water Meters	<u>\$2,000,000</u>	

TOTAL UNFUNDED BUDGET REQUESTS		\$4,370,000
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Rolla Municipal Utilities
CAPITAL EXPENDITURES - FY26 Budget & Projected and FY27 Budget

	FY26 Cap Exp Budget		
	Item \$	Acct Total	TOTALS
ELECTRIC DEPARTMENT			
ELECTRIC TRANSMISSION (138 kV)			
3350 Land & Land Rights		\$0	
3353 Station Equipment		\$0	
3355 Poles and Fixtures		\$0	
3356 Overhead Conductors		\$0	
3370 Meters		\$0	
Total Electric Transmission (138 kV)			\$0
ELECTRIC SUB-TRANSMISSION (34.5 kV)			
4350 Land & Land Rights			\$0
4353 Station Equip - 34KV			\$0
4355 Poles and Fixtures		\$100,000	
4356 Overhead Conductors		\$50,000	
4357 Underground Conductors & Devices		\$50,000	
4358 Underground Conduit		\$20,000	
Total Electric Sub-Transmission (34.5 kV)			\$220,000
ELECTRIC DISTRIBUTION			
4360 Land and Land Rights		\$0	
4361 Structures and Improvements		\$0	
4362 Station Equipment		\$1,130,000	
- SCADA Upgrades	\$35,000		
- Regulator Refurbish	\$25,000		
- Station Transformers	\$750,000		
- Substation Relay RTU Repair	\$50,000		
- Hartmann Upgrade	\$250,000		
- Miscellaneous	\$20,000		
4364 Poles, Towers and Fixtures		\$200,000	
4365 Overhead Conductors		\$80,000	
4366 Underground Conduit		\$400,000	
4367 Underground Conductors & Devices		\$500,000	
4368 Line Transformers		\$150,000	
4369 Services		\$0	
4370 Meters - AMI Meter Change Out		\$0	
4372 Rental Property: Customer Premises		\$0	
4373 Streetlighting & Signal Systems		\$100,000	
7344 Generators		\$850,000	
7345 Accessory Electric Equipment			
7346 Misc. Power Plant Equipment			
7362 Station Equipment & Transformers			
Total Electric Distribution			\$3,410,000
GENERAL PLANT			
4389 Land & Land Rights		\$0	
4390 Structures & Improvements		\$0	
- Solar Projects	\$0		
- Service Center Expansion/Retaining Wall	\$0		
4391 Office Furniture and Equipment		\$30,000	
- Access Control	\$0		
- Timeclock System Upgrade	\$0		
- Service Center Furniture	\$0		
- Lanning Generator	\$0		
- Miscellaneous	\$30,000		
4392 Transportation Equipment		\$1,210,000	
- Truck #11	\$0		
- Truck #5	\$80,000		
- Truck #15	\$50,000		
- Truck #22	\$440,000		
- Truck #15	\$0		
- Truck #23	\$50,000		
- Truck #24	\$0		
- Truck #6	\$460,000		
- Truck #30 Chassis Only	\$130,000		
- Tilt Trailer	\$0		
4394 Tools and Shop Equipment		\$0	
- Miscellaneous	\$0		
4395 Laboratory Equipment		\$0	
4396 Power Operated Equipment		\$220,000	
- Water Vac with valve exercising tool	\$80,000		
- Forklift	\$50,000		
- Overhead Spyder Pulling	\$0		
- URD Putter	\$0		
- Mini Excavator	\$90,000		
- Arborist Skylift	\$0		
- Brooks Brother Trailer	\$0		
- Altec Backyard Digger	\$0		
4397 Communication Equipment		\$0	
- Miscellaneous	\$0		
Total General Plant			\$1,460,000
Total Electric Department			\$5,090,000

(continued)

	FY26 Cap Exp Projected		
	Item \$	Acct Total	TOTALS
ELECTRIC DEPARTMENT			
ELECTRIC TRANSMISSION (138 kV)			
3350 Land & Land Rights		\$0	
3353 Station Equipment		\$0	
3355 Poles and Fixtures		\$0	
3356 Overhead Conductors		\$0	
3370 Meters		\$0	
Total Electric Transmission (138 kV)			\$0
ELECTRIC SUB-TRANSMISSION (34.5 kV)			
4350 Land & Land Rights		\$0	
4353 Station Equip - 34KV		\$0	
4355 Poles and Fixtures		\$0	
4356 Overhead Conductors		\$0	
4357 Underground Conductors & Devices		\$0	
4358 Underground Conduit		\$0	
Total Electric Sub-Transmission (34.5 kV)			\$0
ELECTRIC DISTRIBUTION			
4360 Land and Land Rights		\$0	
4361 Structures and Improvements		\$0	
4362 Station Equipment		\$100,000	
- SCADA Upgrades	\$25,000		
- Regulator Refurbish	\$25,000		
- Station Transformers	\$0		
- Substation Relay RTU Repair	\$0		
- Hartmann Upgrade	\$30,000		
- Miscellaneous	\$20,000		
4364 Poles, Towers and Fixtures		\$20,000	
4365 Overhead Conductors		\$40,000	
4366 Underground Conduit		\$300,000	
4367 Underground Conductors & Devices		\$300,000	
4368 Line Transformers		\$400,000	
4369 Services		\$5,000	
4370 Meters - AMI Meter Change Out		\$0	
4372 Rental Property: Customer Premises		\$0	
4373 Streetlighting & Signal Systems		\$50,000	
7344 Generators		\$0	
7345 Accessory Electric Equipment		\$0	
7346 Misc. Power Plant Equipment		\$0	
7362 Station Equipment & Transformers		\$0	
Total Electric Distribution			\$1,215,000
GENERAL PLANT			
4389 Land & Land Rights		\$0	
4390 Structures & Improvements		\$0	
- Solar Projects	\$0		
- Service Center Expansion/Retaining Wall	\$0		
4391 Office Furniture and Equipment		\$15,000	
- Access Control	\$0		
- Timeclock System Upgrade	\$15,000		
- Service Center Furniture	\$0		
- Lanning Generator	\$0		
- Miscellaneous	\$0		
4392 Transportation Equipment		\$285,355	
- Truck #11	\$33,818		
- Truck #5	\$67,493		
- Truck #15	\$50,000		
- Truck #22	\$0		
- Truck #15	\$50,000		
- Truck #23	\$0		
- Truck #24	\$0		
- Truck #6	\$0		
- Truck #30 Chassis Only	\$84,044		
- Tilt Trailer	\$0		
4394 Tools and Shop Equipment		\$0	
- Miscellaneous	\$0		
4395 Laboratory Equipment		\$0	
4396 Power Operated Equipment		\$268,340	
- Water Vac with valve exercising tool	\$76,507		
- Forklift	\$48,583		
- Overhead Spyder Pulling	\$0		
- URD Putter	\$0		
- Mini Excavator	\$0		
- Arborist Skylift	\$0		
- Brooks Brother Trailer	\$15,000		
- Altec Backyard Digger	\$128,250		
4397 Communication Equipment		\$0	
- Miscellaneous	\$0		
Total General Plant			\$568,694
Total Electric Department			\$1,783,694

	FY27 Cap Exp Budget		
	Item \$	Acct Total	TOTALS
ELECTRIC DEPARTMENT			
ELECTRIC TRANSMISSION (138 kV)			
3350 Land & Land Rights		\$0	
3353 Station Equipment		\$0	
3355 Poles and Fixtures		\$0	
3356 Overhead Conductors		\$0	
3370 Meters		\$0	
Total Electric Transmission (138 kV)			\$0
ELECTRIC SUB-TRANSMISSION (34.5 kV)			
4350 Land & Land Rights			\$0
4353 Station Equip - 34KV			\$0
4355 Poles and Fixtures		\$50,000	
4356 Overhead Conductors		\$25,000	
4357 Underground Conductors & Devices		\$25,000	
4358 Underground Conduit		\$10,000	
Total Electric Sub-Transmission (34.5 kV)			\$110,000
ELECTRIC DISTRIBUTION			
4360 Land and Land Rights		\$0	
4361 Structures and Improvements		\$0	
4362 Station Equipment		\$1,045,000	
- SCADA Upgrades	\$50,000		
- Regulator Refurbish	\$25,000		
- Station Transformers	\$750,000		
- Substation Relay RTU Repair	\$200,000		
- Hartmann Upgrade	\$0		
- Miscellaneous	\$20,000		
4364 Poles, Towers and Fixtures		\$200,000	
4365 Overhead Conductors		\$80,000	
4366 Underground Conduit		\$400,000	
4367 Underground Conductors & Devices		\$500,000	
4368 Line Transformers		\$150,000	
4369 Services		\$5,000	
4370 Meters - AMI Meter Change Out		\$3,000,000	
4372 Rental Property: Customer Premises		\$0	
4373 Streetlighting & Signal Systems		\$50,000	
7344 Generators		\$1,500,000	
7345 Accessory Electric Equipment		\$0	
7346 Misc. Power Plant Equipment		\$0	
7362 Station Equipment & Transformers		\$0	
Total Electric Distribution			\$6,930,000
GENERAL PLANT			
4389 Land & Land Rights		\$0	
4390 Structures & Improvements		\$8,600,000	
- Solar Projects	\$0		
- Service Center Expansion/Retaining Wall	\$8,000,000		
4391 Office Furniture and Equipment		\$430,000	
- Access Control	\$150,000		
- Timeclock System Upgrade	\$0		
- Service Center Furniture	\$200,000		
- Lanning Generator	\$50,000		
- Miscellaneous	\$30,000		
4392 Transportation Equipment		\$1,050,000	
- Truck #11	\$0		
- Truck #5	\$0		
- Truck #15	\$0		
- Truck #22	\$440,000		
- Truck #15	\$0		
- Truck #23	\$50,000		
- Truck #24	\$75,000		
- Truck #6	\$460,000		
- Truck #30 Chassis Only	\$0		
- Tilt Trailer	\$25,000		
4394 Tools and Shop Equipment		\$20,000	
- Miscellaneous	\$20,000		
4395 Laboratory Equipment		\$0	
4396 Power Operated Equipment		\$585,000	
- Water Vac with valve exercising tool	\$0		
- Forklift	\$0		
- Overhead Spyder Pulling	\$30,000		
- URD Putter	\$180,000		
- Mini Excavator	\$100,000		
- Arborist Skylift	\$275,000		
- Brooks Brother Trailer	\$0		
- Altec Backyard Digger	\$0		
4397 Communication Equipment		\$0	
- Miscellaneous	\$0		
Total General Plant			\$10,685,000
Total Electric Department			\$17,725,000

(continued)

CAPITAL EXPENDITURES - FY26 Budget & Projected and FY27 Budget

	FY26 Cap Exp Budget				FY26 Cap Exp Projected				FY27 Cap Exp Budget		
	Item \$	Acct Total	TOTALS		Item \$	Acct Total	TOTALS		Item \$	Acct Total	TOTALS
Total Electric Department (see pg 1)			\$5,090,000				\$1,783,694				\$17,725,000
FIBER DEPARTMENT											
5360 Land & Land Rights		\$0			\$0				\$0		
5361 Structures & Improvements		\$0			\$0				\$0		
5362 Station Equipment		\$0			\$3,104				\$0		
5364 Poles, Towers & Fixtures		\$0			\$0				\$0		
Total - Fiber Department			\$0			\$3,104					\$0
WATER DEPARTMENT											
SOURCE OF SUPPLY											
8310 Land and Land Rights		\$20,000			\$0				\$0		
- Woodcrest Well	\$20,000				\$0				\$0		
8311 Structures & Improvements		\$375,000			\$0				\$425,000		
- HYPOINT Well House #2	\$350,000				\$0				\$350,000		
- Well 16 Fence	\$0				\$0				\$50,000		
- Miscellaneous	\$25,000				\$0				\$25,000		
8314 Wells and Springs		\$0			\$0				\$0		
-	\$0				\$0				\$0		
PUMPING PLANT											
8320 Land & Land Rights		\$0			\$0				\$0		
8321 Structures & Improvements		\$2,385,000			\$2,400,000				\$85,000		
- Lanning Pump Station Controls	\$70,000				\$0				\$70,000		
- Nagogami Pressure Zone Pump Stn	\$2,300,000				\$2,400,000				\$0		
- Well #10	\$15,000				\$0				\$15,000		
8325 Electric Pumping Equipment		\$200,000			\$200,000				\$200,000		
- Well pump replacements	\$200,000				\$200,000				\$200,000		
DISTRIBUTION											
8342 Distribution Reservoirs and Standpipes		\$0			\$0				\$0		
8343 Transmission & Distribution Mains		\$2,750,000			\$2,500,000				\$750,000		
- Normal main replacement	\$750,000				\$500,000				\$750,000		
- Nagogami Pressure Zone	\$2,000,000				\$2,000,000				\$0		
- Hwy 72 Water Main Replacement	\$0				\$0				\$0		
8346 Meters		\$0			\$5,000				\$1,105,000		
- AMI Meter Change Out									\$1,100,000		
- Meters									\$5,000		
8348 Fire Hydrants		\$30,000			\$20,000				\$10,000		
- Nagogami Pressure Zone	\$30,000								\$10,000		
GENERAL PLANT											
8395 Laboratory Equipment		\$0			\$0				\$0		
Total - Water Department			\$5,760,000			\$5,125,000					\$2,575,000
FY26 BUDGET			\$10,850,000		FY26 PROJECTED		\$6,911,798		FY27 BUDGET		\$20,300,000

EQUIPMENT RATE SCHEDULE

	<u>FEMA Category</u>	
Line Truck #6, 8	8670 & 8799	\$78.09 \$99.72 /hour + IRS Standard Mileage Rate
Line Truck #8		\$67.44 /hour + IRS Standard Mileage Rate
Line Truck #10, 31	8487 & 8670	\$51.04 \$64.20 /hour + IRS Standard Mileage Rate
Line Truck #17	8486 & 8804	\$40.38 \$51.12 /hour + IRS Standard Mileage Rate
Line Truck #20, 22	8488 & 8670	\$66.76 \$79.92 /hour + IRS Standard Mileage Rate
Line Truck #22		\$90.59 /hour + IRS Standard Mileage Rate
Line Truck #31		\$64.20 /hour + IRS Standard Mileage Rate
Flat Bed Trucks #2, 3, 18	8703	\$65.09 \$48.00 /hour + IRS Standard Mileage Rate
Dump Trucks #21, 27	8721	\$74.83 /hour + IRS Standard Mileage Rate
Service Truck #30	8670 & 8798	\$67.44 \$48.00 /hour + IRS Standard Mileage Rate
Pickup Trucks (1/2 ton)	8071	\$25.80 \$20.00 /hour + IRS Standard Mileage Rate
Pickup Trucks (3/4 ton)	8807	\$27.78 /hour + IRS Standard Mileage Rate
Pickup Trucks (1 ton)	8808	\$31.81 /hour + IRS Standard Mileage Rate
All other RMU passenger vehicles	8074	\$22.91 /hour + IRS Standard Mileage Rate
Air Compressor	8013	\$31.69/hour
Backhoe	8572	\$91.69/hour
Arborist Lift/Backyard Digger Derrick	8490 & 8600	\$77.61 \$72.67 /hour
Vacuum Trailer	8717	\$95.06 \$93.75 /hour
Forklift	8302	\$47.48/hour
Rock Breaker	N/A	\$95.00/hour
Skid Steer	8541	\$53.24/hour
Compact Excavator		\$48.97/hour
Mid-Size Tractor		\$53.37/hour
Chipper		\$55.16/hour
Pulling Rig or Wire Rig		\$30.00/hour
300 KW Generator		\$133.50/hour
Light Tower		\$9.65/hour
-All equipment is subject to sales tax		
-All equipment rental rates are +20% for administration		
Labor		(Hourly Wage + Fringe Benefits) x 1.2

Superseding EQUIPMENT RATE SCHEDULE effective.....October 1, 2024 **2025**

Approved by the Rolla Board of Public Works , **2026**

Effective on and after.....October 1, 2025 **2026**

Nicholas Barrack, President

Joseph Polizzi, Secretary

Dr. Wm. E. Showalter, Vice President

Fred L. Stone, Vice Secretary

AREA LIGHTING

These charges are non-refundable and cannot be transferred to another location.

METERED LIGHTING Applicable for overhead outdoor lighting separately metered by Rolla Municipal Utilities and used primarily for area lighting, parking lot lighting, or illumination of outdoor athletic facilities. Deminimus usage for auxiliary structures, such as restrooms, locker room(s), concession stands, or like structures may be included in this rate class at the discretion of Rolla Municipal Utilities.

RATE Energy Charge: For all KWH energy used, per month.....~~\$0.078~~ **\$0.088**/kWh

SERVICE AVAILABILITY FEE~~\$50.00~~ **\$55.00**/meter
Applicable to any metered lighting customer for each active meter, per month.

POWER COST ADJUSTMENT (PCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

NON-METERED LIGHTING Applicable for overhead outdoor lighting listed below not metered by Rolla Municipal Utilities and used exclusively for area lighting.

RATE per month

SOD: 100-watt High Pressure Sodium (HPS).....	\$7.60 \$8.50 /light
CITY: 250 watt HPS light, per month.....	\$15.00 \$15.00 /light
MTHA: 400 watt HPS or Metal Halide, per month.....	\$23.20 \$26.00 /light
LR10: Rental Light – 60 watt LED, per month.....	\$4.90 \$5.50 /light
LR40: Rental Light – 240 watt LED, per month.....	\$20.00 \$22.50 /light

RATE for installation

LR10: On an existing pole with conductor in place.....	\$210 \$210 /light
LR40: On an existing pole with conductor in place	\$1,150 \$1,150 /light

Additional Costs: If installation of light(s) requires the installation of any combination of new pole(s) and/or conductor the applicant shall be required to pay for all costs associated with installing the pole and/or conductor in accordance with standard RMU billing practices for such work.

CONDITIONS OF SERVICE FOR NON-METERED LIGHTING

Installation of non-metered lighting is to be only at locations where the customer has electric service from Rolla Municipal Utilities. Lamps will be controlled by a photocell to burn from approximately dusk to dawn. Customer shall notify Rolla Municipal Utilities if a lamp is not working properly and RMU will be allowed reasonable time to perform maintenance of the installation to restore the lamp to proper operation. The facilities installed under this schedule will remain the property of Rolla Municipal Utilities. Rolla Municipal Utilities reserves the right to charge the customer for damage caused by external forces, accidents and/or vandalism. Charges for lights installed under this schedule will be invoiced with the electric and water service and must be paid when due. Rolla Municipal Utilities reserves the right to terminate service for non-metered lighting in the event the pole is no longer accessible, access to the light is not viable through normal means, and other similar circumstances.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding AREA LIGHTING SCHEDULE effective.....October 1, ~~2021~~ **2023**

Approved by the Rolla Board of Public Works~~August 1, 2023~~ **TBD**

Effective on and after.....October 1, ~~2023~~ **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

ROADWAY LIGHTING

These charges are non-refundable and cannot be transferred to another location.

METERED LIGHTING Applicable for overhead outdoor lighting separately metered by Rolla Municipal Utilities and used primarily for roadway lighting.

RATE Energy Charge: For all KWH energy used, per month~~\$0.20~~ **\$0.225**/kWh

SERVICE AVAILABILITY FEE~~\$100.00~~ **\$110.00**/meter
Applicable to any metered lighting customer for each active meter, per month.

POWER COST ADJUSTMENT (PCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

NON-METERED LIGHTING Applicable for overhead outdoor lighting listed below not metered by Rolla Municipal Utilities and used exclusively for roadway lighting.

RATE per month

LS10: Street Light on existing wood pole
60 watt Light Emitting Diode (LED), per month.....~~\$4.10~~ **\$4.60**/light
LS11: Street Light on aluminum pole – 60 watt LED, per month.....~~\$15.00~~ **\$16.80**/light
LS25: Street Light – 95 watt LED, per month.....~~\$6.45~~ **\$7.20**/light
LS40: Street Light – 223 watt LED, per month.....~~\$15.70~~ **\$17.60**/light

CONDITIONS OF SERVICE FOR NON-METERED LIGHTING

Lamps will burn from dusk to dawn, subject to a time allowance of three working days after notice is given by the customer to Rolla Municipal Utilities for maintenance and lamp replacement. The facilities installed under this schedule will remain the property of Rolla Municipal Utilities. Charges for lights installed under this schedule will be billed with the electric and water service and must be paid when due.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding ROADWAY LIGHTING effective.....October 1, ~~2021~~ **2023**

Approved by the Rolla Board of Public Works~~August 1, 2023~~ **TBD**

Effective on and after.....October 1, ~~2023~~ **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

DEPOSITS

RESIDENTIAL CUSTOMER

Applicable to any customer, with an actual monthly demand of less than 100kW, that purchases the majority of the electricity and/or water for personal domestic use. A business and/or place requiring a license to do business shall not be considered under this rate.

RATE

The amount of the deposit shall be established by RMU and the minimum deposit shall be:
Residential electric service..... \$240.00
Residential water service.....\$60.00

NON-RESIDENTIAL CUSTOMER

Applicable to any customer that purchases the majority of its electricity and/or water for non-domestic purposes, and/or for any establishment requiring a business license.

RATE

The amount of the deposit shall be established by RMU and shall be based on RMU’s maximum exposure for two consecutive months.

ALL CUSTOMERS

Customers are required to pay a deposit~~All deposits are to be collected prior to service~~ for each customer location, with the exception of those with a current, clean credit history with RMU for 5 consecutive years, as determined by RMU.
~~All cash deposits will earn interest at a rate approved by the Rolla Board of Public Works. Interest on deposits, as stated below, will be paid in December as a credit to the utility bill or upon refund of deposit.~~
RMU reserves the right to demand subsequent additional deposits if, from RMU records, the actual monthly bills exceed the amount estimated, or if the customer has no deposit with RMU and becomes delinquent in payment of their monthly bills.
All deposits will become subject to refund after five (5) years from the date the deposit is paid, if the depositor establishes a good record of payment with RMU by paying all bills on or before the: a) thirty-fourth (34th) day, if Residential; b) twenty-fourth (24th) day, if Non-Residential, after the billing date on the bills. It will be the policy of RMU to make deposit refunds by applying the deposit to the customer’s utility bill during the month in which the deposit becomes five (5) years old.
All deposits remaining, at the time of the customer’s final bill, will be refunded by applying the deposit to the customer’s final utility bill. Any deposit held by RMU may be applied to the total amount owed by the customer.

INTEREST ON DEPOSITS.....0.70% /year
(REF. RMU’s General Rules and Regulation, section “IV. Billing and Payments.”)

METHODS OF PAYMENT
(REF. RMU’s General Rules and Regulation, section “IV. Billing and Payments.”)

Superseding DEPOSITS effective.....October 1, 2021 **2023**
Approved by the Rolla Board of Public WorksAugust 1, 2023 **TBD**
Effective on and after.....October 1, 2023 **2026**

Nicholas Barrack, President	Dr. Wm. E. Showalter, Vice President
Joseph Polizzi, Secretary	Fred L. Stone, Vice Secretary

NET METER SERVICE

Electric service under this schedule is subject to all rules and regulations
approved by the Rolla Board of Public Works

NET METER SERVICE RATE Applicable to any RMU customer that owns and operates a qualified electric generation unit which is powered by a renewable energy resource such as solar, wind, biomass, or hydrogen fuel cell with a capacity of not more than 100 kilowatts (kW) that is located on the customer's premises, is interconnected and operates in parallel with RMU's existing transmission and distribution facilities, and is intended primarily to offset part or all of the customer's own electrical power requirement. RMU offers this in compliance with the Net Metering and Easy Connection Act (386.890, RSMo Supp. 2012)

APPLICATION REVIEW FEE.....\$300.00

RATE For all kWh's generated in excess of usage, per month.....per agreement*
*Credit for energy shall be calculated based on the avoided energy cost from RMU's wholesale energy supplier.

SERVICE AVAILABILITY FEE Net metering customers shall be charged Service Availability Fees based on the current rate classification at the time of application for a net metering connection. Should the service connection be modified, at the time of the net metering installation or any time thereafter, in a manner which causes the service connection to fall under a different rate class, the customer shall be charged Service Availability Fees based on the new rate class of the service connection. When net metering installation utilizes two meters, at the request of RMU, only one Service Availability Fee shall be charged.

CONDITIONS OF SERVICE Net metering is available to RMU electric service customers. A completed and approved Interconnection application/agreement for Net Meter Service with capacity of 100 kW AC or less is required prior to connecting such a facility into service that operates in parallel with service from RMU. More information regarding Net Metering can be obtained by contacting RMU's engineering department.

SPECIAL CONDITIONS

- A. The customer-generator must have a completed and executed Interconnection Application/Agreement for Net Metering Systems with Capacity of 100 kW AC or Less with RMU.
- B. The customer-generator is responsible for all costs associated with its generating facility and is also responsible for all costs related to any modifications to the facility that may be required by RMU for purposes of safety and reliability.
- C. A Net Metering facility shall meet all applicable safety and performance standards established by the National Electric Safety Code, the National Electric Code, the Institute of Electrical and Electronic Engineers, and Underwriters Laboratory.

The customer-generator is responsible for all requirements listed in the application/agreement

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding NET METERING effective on or after..... October 1, 2023

Approved by the Rolla Board of Public WorksJuly 29, 2025

Effective on and after.....October 1, 2025

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

FEEES FOR ELECTRIC CONSTRUCTION

SCHEDULED OUTAGE AND/OR LINE COVERUP (Owner requested)

Owner requesting a scheduled outage or line coverup will be given an estimate, which will include the following:

DEPOSIT online coverup	\$1,000 (refundable)
LABOR CHARGES for all work performed by RMU	actual, \$500 minimum

Once RMU receives payment of the deposit and estimated charges, the work will be scheduled by RMU. After the work has been performed in its entirety, RMU will bill the Owner for all-in costs. The deposit will be refunded when RMU receives a written request for coverup removal, and any remaining costs are paid in full.

HOUSE MOVING RATES (Owner requested)

Owner requesting a scheduled outage due to house moving will be given an estimate, upon request, which will include a minimum 50% upfront payment:

DEPOSIT on	\$2,000 (refundable)
MINIMUM CHARGE	\$500 (nonrefundable)
ADDITIONAL TRUCK CHARGE	per schedule
MATERIALS	estimate

METHODS OF PAYMENT

(REF. RMU’s General Rules and Regulation, section “IV. Billing and Payments.”)

Superseding FEEES FOR ELECTRIC CONSTRUCTION effective.....October 1, 2023

Approved by the Rolla Board of Public WorksJuly 29, 2025

Effective on and after..... October 1, 2025

Nicholas Barrack, President

Joseph Polizzi, Secretary

Dr. Wm. E. Showalter, Vice President

Fred L. Stone, Vice Secretary

ELECTRIC - ResidentialRESIDENTIAL SERVICE RATE

Applicable to any customer, with an actual monthly demand of less than 100kW, that purchases the majority of their electricity for personal domestic use as defined in Section 144.030(24) RSMo. A business and/or place requiring a license to do business shall not be considered under this rate.

RATE Energy Charge: For all kWh energy used, per month.....~~\$0.091~~ **\$0.095**/kWh

SERVICE AVAILABILITY FEE

Applicable to the following customers for each active meter, per month

Residential: Single-Phase.....~~\$26.00~~ **\$28.50**/meter

Residential: Three-Phase.....~~\$50.00~~ **\$55.00**/meter

POWER COST ADJUSTMENT (PCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

CHARACTER OF SERVICE

Rolla Municipal Utilities will specify and supply a standard single phase service. Three-phase service may also be supplied at the option of Rolla Municipal Utilities. Ordinarily this service will be limited to installations having at least one individual unit of five (5) kW or greater load.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding RESIDENTIAL SERVICE RATE SCHEDULE effective.....October 1, ~~2024~~ **2025**

Approved by the Rolla Board of Public WorksJuly __, ~~2025~~ **2026**

Effective on and after.....October 1, ~~2025~~ **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

ELECTRIC – Non-Residential

COMMERCIAL SERVICE RATE

Applicable to ALL NON-RESIDENTIAL CUSTOMERS WITH ACTUAL METERED MONTHLY DEMAND OF LESS THAN 100 kW.

RATE Energy Charge: For all kWh energy used, per month.....~~\$0.091~~ **\$0.095**/kWh

SERVICE AVAILABILITY FEE

Applicable to the following customers for each active meter, per month

Commercial: Single-Phase.....~~\$26.00~~ **\$28.00**/meter

Commercial: Three-Phase.....~~\$50.00~~ **\$55.00**/meter

POWER COST ADJUSTMENT (PCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

CHARACTER OF SERVICE

Rolla Municipal Utilities will specify and supply a standard single and/or three phase alternation current service voltage. When it is necessary to build lines and install transformers for large power loads, Rolla Municipal Utilities will treat each such installation on its own merits and propose a financing plan with the customer.

Where more than one meter is installed for a customer, Rolla Municipal Utilities reserves the right to accumulate energy consumption. The account will be billed as though supplied through one meter, regardless of the character of service.

Where it is necessary to install transformers, lines, or make long three phase extensions to supply three phase equipment, the three phase service will be billed separately from the single phase service and subject to the monthly minimum.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding COMMERCIAL SERVICE RATE SCHEDULE effective.....October 1, ~~2024~~ **2025**

Approved by the Rolla Board of Public WorksJuly ____, ~~2025~~ **2026**

Effective on and after.....October 1, ~~2025~~ **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

ELECTRIC – Residential or Non-Residential

POWER SERVICE RATE Applicable to customers with an actual monthly billing demand of 100 kW or greater, but less than 1000 kW during two months or more in the ~~any~~ billing periods of July through October during the fiscal year (October – September).

RATE Energy Charge: For all kWh energy used, per month.....~~\$0.071~~ **\$0.075** kWh
Demand Charge: For all kW demand, per month.....~~\$9.00~~ **\$9.50**/kW

SERVICE AVAILABILITY FEE.....~~\$250.00~~ **\$270.00**/meter
Applicable to Power Service customers for each active energy meter, per month.

POWER COST ADJUSTMENT (PCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

DETERMINATION OF DEMAND The monthly billing demand shall be the maximum demand measured during the month in any fifteen (15) minute period.

TRANSFORMER DISCOUNT Where service is metered at the primary voltage, and transformers and protective equipment are owned and maintained by the customer, 3% of the net monthly kWh charges will be deducted.

SUBSTATION DISCOUNT Where service is metered at the primary voltage, and the substation and distribution system are owned and maintained by the customer 5% of the net monthly kWh charges will be deducted.

CHARACTER OF SERVICE

Rolla Municipal Utilities will specify and supply a standard single and/or three phase alternation current service voltage. When it is necessary to build lines and install transformers for large power loads, Rolla Municipal Utilities will treat each such installation on its own merits and propose a financing plan with the customer.

Where more than one meter is installed for a customer, Rolla Municipal Utilities reserves the right to accumulate energy consumption and demand. The account will be billed as though supplied through one meter, regardless of the character of service.

RMU reserves the right to charge customers where it is necessary to install transformers, lines, or make long three phase extensions to supply three phase equipment. Terms for any reimbursement shall be finalized prior to RMU commencing any work.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding POWER SERVICE RATE SCHEDULE effective.....October 1, 2024 **2025**
Approved by the Rolla Board of Public WorksJuly ____, 2025 **2026**
Effective on and after.....October 1, 2025 **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter., Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

ELECTRIC – Non-Residential

***INDUSTRIAL SERVICE RATE** Applicable to all non-residential customers whose actual monthly billing demand exceeds 1000 kW during two months or more in the **any** billing periods of ~~July through October~~ **during the fiscal year (October – September).**

RATE Energy Charge: For all kWh energy used, per month.....~~\$0.069~~ **\$0.073/kWh**
Demand Charge: For all kW demand, per month.....~~\$9.50~~ **\$10.00/kW**

SERVICE AVAILABILITY FEE.....~~\$1,000.00~~ **\$1040.00/meter**
Applicable to Power Service customers for each active energy meter, per month.

POWER COST ADJUSTMENT (PCA)
In addition to all other charges, the amount of the Customer’s bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

DETERMINATION OF DEMAND The monthly billing demand shall be the maximum demand measured during the month in any fifteen (15) minute period.

TRANSFORMER DISCOUNT Where service is metered at the primary voltage, and transformers and protective equipment are owned and maintained by the customer, 3% of the net monthly kWh charges will be deducted.

SUBSTATION DISCOUNT Where service is metered at the primary voltage, and the substation and distribution system are owned and maintained by the customer 5% of the net monthly kWh charges will be deducted.

CHARACTER OF SERVICE
Rolla Municipal Utilities will specify and supply a standard single and/or three phase alternation current service voltage. When it is necessary to build lines and install transformers for large power loads, Rolla Municipal Utilities will treat each such installation on its own merits and propose a financing plan with the customer.
Where more than one meter is installed for a customer, Rolla Municipal Utilities reserves the right to accumulate energy consumption and demand. The account will be billed as though supplied through one meter, regardless of the character of service.
RMU reserves the right to charge customers where it is necessary to install transformers, lines, or make long three phase extensions to supply three phase equipment. Terms for any reimbursement shall be finalized prior to RMU commencing any work.

METHODS OF PAYMENT
(REF. RMU’s General Rules and Regulation, section “IV. Billing and Payments.”)

Superseding INDUSTRIAL SERVICE RATE SCHEDULE effective.....October 1, ~~2024~~ **2025**
Approved by the Rolla Board of Public WorksJuly __, ~~2025~~ **2026**
Effective on and after.....October 1, ~~2025~~ **2026**

Nicholas Barrack, President

Joseph Polizzi, Secretary

Dr. Wm. E. Showalter, Vice President

Fred L. Stone, Vice Secretary

ELECTRIC – Non-Residential

INTERRUPTIBLE INDUSTRIAL SERVICE RATE Applicable to all non-residential customers whose actual monthly billing demand exceeds 1000 kW during two months or more in the billing periods and have agreed to interrupt electric service as provided under special contract with RMU.

RATE Energy Charge: For all kWh energy used, per month.....\$0.0782/kWh

SERVICE AVAILABILITY FEE.....\$1,000.00/meter
Applicable to customers for each active energy meter, per month.

POWER COST ADJUSTMENT (PCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per kilowatt hour calculated according to the Power Cost Adjustment (PCA) – Rider.

UNAUTHORIZED USE CHARGE During any period that RMU interrupts electric service, any customer using electricity (in excess of the maximum load authorized by RMU) shall be subject to an unauthorized use charge in the amount of \$25.00 per kW for each kW of demand. Such charge shall be in addition to any charges otherwise payable to RMU of electric service under this rate schedule. The payment of this unauthorized use charge shall not be considered as a substitute for any other remedy available to RMU, including, but not limited to, reduction of service.

TRANSFORMER DISCOUNT Where service is metered at the primary voltage, and transformers and protective equipment are owned and maintained by the customer, 3% of the net monthly kWh charges will be deducted.

CHARACTER OF SERVICE

Rolla Municipal Utilities will supply a standard three phase alternating current service. RMU reserves the right to charge customers where it is necessary to install transformers, lines, or make long three phase extensions to supply three phase equipment. Terms for any reimbursement shall be finalized prior to RMU commencing any work.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding INTERRUPTIBLE INDUSTRIAL SERVICE RATE effective.....February 1, 2024

Approved by the Rolla Board of Public Works July 29, 2025

Effective on and after..... October 1, 2025

Nicholas Barrack, President

Vice President – Dr. Wm. E. Showalter

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

Power Cost Adjustment (PCA) - Rider

POWER COST ADJUSTMENT (PCA) - RIDER

This schedule is applicable to and becomes a part of each electric rate schedule in which reference is made to Power Cost Adjustment (PCA) Rider. Rolla Municipal Utilities shall apply a uniform per kWh charge or credit to applicable sales in accordance with the following table:

POWER COST ADJUSTMENT (PCA) – RIDER

<u>Class</u>	<u>Description</u>	<u>PCA</u>
01/11	Residential Service Rates	\$(0.00)/kWh
04/14	Commercial Service Rates	\$(0.00)/kWh
06	Power Service Rate – No Discount	\$(0.00)/kWh
03	Power Service Rate – 3% Discount	\$(0.00)/kWh
09	Industrial Service Rate – No Discount	\$(0.00)/kWh
05	Industrial Service Rate – 5% Discount	\$(0.00)/kWh
10	Area/Street Lighting	\$(0.00)/kWh

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding POWER COST ADJUSTMENT - RIDER effective.....October 1, 2016

Approved by the Rolla Board of Public WorksJuly 23, 2019

Effective on and after.....October 1, 2019

Nicholas Barrack, President

Albert Crump, Jr., Vice President

Matthew Z. Williams, Secretary

Dr. Wm. E. Showalter, Vice Secretary

MISCELLANEOUS SERVICE FEES

The charges listed below are non-refundable, and cannot be transferred to another location.

SERVICE FEE ~~\$20.00~~ **\$25.00** each
For each new connection of service (includes transfer of service)

LATE FEE 10% on late unpaid balance
Applicable to any customer whose utility bill is not paid prior to the delinquent date.

RETURNED PAYMENT FEES ~~\$30.00~~ **\$25.00** each
Applicable to any customer whose payment is returned to RMU by a banking or credit card institution for any reason. This includes all returned checks, ACH's, and credit card transactions. This fee, in addition to payment, shall be due immediately upon notice, written or verbal, from RMU.

RECONNECT FEE \$50.00 each
For each service reconnect due to cut-off for nonpayment

~~**CREDIT/DEBIT CARD PROCESSING FEE**~~
~~Processed by customer and face-to-face transactions \$0.00 each~~
~~Phone transactions processed by RMU Staff \$2.00 each~~
~~Credit and Debit transactions shall be limited to \$2,000.00 transactions.~~

UNCOLLECTIBLE ACCOUNT(S) FEE
Per City of Rolla Ordinance 3941 Section 35-166, applicable to any customer whose account(s) are uncollectible by RMU and are forwarded to a collection agency, attorney, court, etc. Customer shall be responsible for all collection fees, currently twenty-five percent (25%)*, and/or attorney fees plus court costs and interest.
*The above fee is subject to change.

METHODS OF PAYMENT
(Ref. RMU's General Rules and Regulations)

Superseding MISCELLANEOUS FEES effective October 1, 2020 **2023**
Passed by the Rolla Board of Public Works August 1, 2023 **2026**
Effective on and after October 1, 2023 **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

MISCELLANEOUS FEES – ELECTRIC

The charges listed below are non-refundable and cannot be transferred to another location.

ELECTRIC METER TEST FEE (Owner/Customer requested).....\$100.00/meter

(Ref. RMU General Rules and Regulations, section "XXVI. Testing of Meters.")

Rolla Municipal Utilities requires Electric Meter Test Fee(s) be paid prior to testing. Should the test(s) find the meter to be greater than the acceptable industry standard accuracy range, the Electric Meter Test Fee(s) will be returned and an adjustment to the bill will be made for a maximum of six months of usage for the overage amount. If the meter(s) is found to be outside the acceptable industry standard accuracy range the meter(s) will be adjusted or replaced at no expense to the Owner/Customer at RMU's discretion.

RAPID SHUT DOWN TEST OF CUSTOMER GENERATOR EQUIPMENT (Owner/Customer requested)...\$150.00/meter

CUSTOMER GENERATOR RECONNECTION FEE.....\$50.00

FEES FOR WIRELESS POLE ATTACHEMENTS

MICRO-ATTACHMENTS (attachments up to 1.25 ft³):.....\$33.00/year

SMALL ATTACHMENTS (attachments between 1.25 ft³ and 7 ft³):.....\$150.00/month*

*A review of market rates within Missouri, neighboring states, and nationwide, for wireless attachments leases or licenses on public property has shown that the following rates for "small" attachments: \$150/month-\$4,000/month. Some data also reflected agreements charging gross receipts fees, which required additional administrative expense and was more difficult to evaluate due to unknown revenues. To encourage development and growth within the City of Rolla, Rolla Municipal Utilities is adopting the more simple flat fee and using the lower end of the range found of \$150/month, subject to alteration and review based on changes in the market or circumstances. For Antennas larger than "Small Attachment" parameters, similar case-by-case analysis needs to be done to address the additional space used, impact, and market parameters.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding MISCELLANEOUS FEES-ELECTRIC effective.....October 1, 2023

Approved by the Rolla Board of Public WorksJuly 29, 2025

Effective on and after.....October 1, 2025

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

WATERWATER SERVICE RATE ~~\$4.75~~ \$4.65 per 1,000 gallons, per monthSPECIAL RATES\$4.55 ~~\$4.65~~ per 1000 gallons, per month, on 6" meters only

- Missouri University of Science & Technology (MS&T) Applicable to the use of service by MS&T. (October 18, 1983 agreement with Missouri University of Science & Technology, formerly University of Missouri-Rolla, for water service on file in Rolla Municipal Utilities' Business Office.)

\$5.58 ~~\$5.70~~ per 1000 gallons, per month

- Public Water Supply District (PWSD) #2 Applicable to the use of service by the PWSD #2. (Agreement with PWSD #2 for water service on file in Rolla Municipal Utilities' Business Office.)

SERVICE AVAILABILITY FEE Applicable on active meters, per month. The Fee is based on size of meter.Water meters for water service:

5/8" and 3/4" meters	\$11.00 \$13.00/per meter
1" meter	\$15.00 \$20.00/per meter
1.5" meter	\$25.00 \$35.00/per meter
2" meter	\$35.00 \$45.00/per meter
3" meter	\$75.00 \$90.00/per meter
4" meter	\$125.00 \$145.00/per meter
6" meter	\$270.00 \$300.00/per meter

~~Water meters for sewer only service:~~

.....	\$6.00/per meter
.....	\$8.00/per meter
.....	\$12.00/per meter
.....	\$20.00/per meter
.....	\$43.00/per meter
.....	\$65.00/per meter
.....	\$145.00/per meter

WATER COST ADJUSTMENT (WCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per 1000/gallons calculated according to the Water Cost Adjustment (WCA) - Rider.

METHODS OF PAYMENT(Ref. RMU's General Rules and Regulations, section "IV. Billing and Payments".)Superseding WATER SERVICE RATE effective ~~March~~ **October** 1, 2025Approved by the Rolla Board of Public Works July __, 2025 **2026**Effective on and after October 1, 2025-**2026**_____
Nicholas Barrack, President_____
Dr. Wm. E. Showalter, Vice President_____
Joseph Polizzi, Secretary_____
Fred L. Stone, Vice Secretary

MISCELLANEOUS FEES - WATER

The charges listed below are non-refundable and cannot be transferred to another location.

FIRE SPRINKLER LINE FEE Applicable on any nonmetered fire line connection specifically utilized for the purpose of fire protection. Fee(s) are based on diameter of backflow preventer for each fire line riser entering building. In the case where a backflow preventer has not been installed, the fee(s) shall be based on each individual fire line riser diameter.

< = 4"	\$35.00/month
6"	\$60.00/month
8"	\$100.00/month
10"	\$200.00/month

WATER METER TEST FEE (Owner/Customer requested)

5/8" and 1" meters.....	actual cost, minimum \$150
>1" meter.....	actual cost, minimum \$300
(Ref. <u>RMU's General Rule and Regulations</u> , section "XXVI. Testing of Meters.")	
Rolla Municipal Utilities requires Water Meter Test Fee(s) to be paid prior to meter testing.	

TEMPORARY FIRE HYDRANT SERVICE

Applicable on any customer for temporary water service from a fire hydrant. A deposit and installation fee shall be paid to RMU prior to installation of a hydrant meter. The customer shall pay current applicable rates pertaining to water, including the Service Availability Fee.

DEPOSIT (refundable)

1" or smaller meter.....	\$250.00
2" meter.....	\$1,000.00
3" meter.....	\$1,500.00

INSTALLATION FEE.....\$75.00 (includes removal)

All temporary hydrant meters shall be moved only by RMU staff. If a temporary hydrant meter is moved to another hydrant for an existing account, an applicable charge shall be applied:

HYDRANT METER RELOCATION.....\$50.00

The customer is responsible for the hydrant meter, this equipment must be in good operating condition upon removal from the hydrant by RMU. Any damage to the equipment shall be paid by the customer and may be cause for non-refund of deposit.

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding MISCELLANEOUS FEES-WATER effective on or after..... October 1, 2024

Approved by the Rolla Board of Public WorksJuly 29, 2025

Effective on and after.....October 1, 2025

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

Water Cost Adjustment (WCA) - Rider

WATER COST ADJUSTMENT (WCA) - RIDER

This schedule is applicable to and becomes a part of each water rate schedule in which reference is made to Water Cost Adjustment (WCA) Rider. Rolla Municipal Utilities shall apply a uniform per 1000/gallons charge or credit to applicable sales in accordance with the following table:

WATER COST ADJUSTMENT (WCA) – RIDER

<u>Class</u>	<u>Description</u>	<u>WCA</u>
01/11	Residential Service	\$(0.00)/1000 Gallons
04/14	Commercial Service	\$(0.00)/1000 Gallons
06/03	Power Service	\$(0.00)/1000 Gallons
09/05	Industrial Service	\$(0.00)/1000 Gallons
08	Missouri S&T Main Campus	\$(0.00)/1000 Gallons
19	Water District	\$(0.00)/1000 Gallons

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding WATER COST ADJUSTMENT - RIDER effective.....October 1, 2016

Approved by the Rolla Board of Public WorksJuly 23, 2019

Effective on and after.....October 1, 2019

Nicholas Barrack, President

Albert Crump, Jr., Vice President

Matthew Z. Williams, Secretary

Dr. Wm. E. Showalter, Vice Secretary

ALLOWANCES and FEES for WATER MAIN CONSTRUCTION

The charges listed below are non-refundable and cannot be transferred to another location.

WATER MAIN EXTENSION PIPE ALLOWANCE

The following pipe allowances will be used for applicable water main extension per RMU's General Specifications for Water Main Construction.

<u>Size</u>	<u>Pipe Allowance</u>
12"	\$40.00 per foot
16"	\$65.00 per foot

WATER TAPPING FEES

When the application for a supply of water for any Owner has been approved and accepted by RMU, the Owner shall pay a tapping fee plus the cost of materials and tax, if applicable in accordance with RMU's standard billing procedures.

TAPPING FEE (¾" or 1")	\$200.00 \$250.00 (Labor Only)
4"-8" WET TAP utilizing a Tapping Sleeve	\$750.00 \$1,000.00 (Labor Only)
Tapping Sleeve and Valve is the responsibility of the Owner.	

METHODS OF PAYMENT

(REF. RMU's General Rules and Regulation, section "IV. Billing and Payments.")

Superseding ALLOWANCES & FEES FOR WATER MAIN CONSTRUCTION effective.....~~Nov~~ **October 1, 2023 2025**

Approved by the Rolla Board of Public WorksJuly __, ~~2025~~ **2026**

Effective on and after.....October 1, ~~2025~~ **2026**

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

WATER - Outside the City Limits of Rolla, MO

RMU does not provide water service to properties located outside the Rolla, Missouri city limits unless the property is covered by a current annexation agreement with the City of Rolla.

For eligible properties with a valid annexation agreement with The City of Rolla. All costs associated with extending water infrastructure to and across the property, including installation and related expenses, shall be the responsibility of the property owner.

The rates and charges listed below apply to the ongoing provision of water service to properties located outside the Rolla city limits that are subject to a current annexation agreement with the City of Rolla.

WATER SERVICE RATE current in-city water service rate plus 50%.

SERVICE AVAILABILITY FEE Applicable on active meters, per month. The Fee is based on size of meter and is the current in-city water service availability fee plus 50%.

FIRE SPRINKLER LINE FEE Applicable on nonmetered fire line connection specifically utilized for the purpose of fire protection. The Fee is based on the diameter of backflow preventor or fire line riser diameter and is the current in-city fire sprinkler line fee plus 50%.

WATER COST ADJUSTMENT (WCA)

In addition to all other charges, the amount of the Customer's bill will be increased or decreased by an amount per 1000/gallons calculated according to the Water Cost Adjustment (WCA) - Rider.

METHODS OF PAYMENT

(Ref. RMU's General Rules and Regulations, section "IV. Billing and Payments".)

Superseding WATER SERVICE RATE outside city limits effective

Approved by the Rolla Board of Public Works July __, 2026

Effective on and after October 1, 2026

Nicholas Barrack, President

Dr. Wm. E. Showalter, Vice President

Joseph Polizzi, Secretary

Fred L. Stone, Vice Secretary

ROLLA MUNICIPAL UTILITIES
Rolla Board of Public Works Agenda

MANAGER: Chad Davis, Engineering Manager

ACTION REQUESTED: Approval

ITEM/SUBJECT: Update of General Specifications for Electric Construction

BUDGET APPROPRIATION: Reduction of cost of materials provided

DATE: June 22, 2026

Staff has reviewed the General Specifications for Electric Construction to make updates for two current topics of review. While doing so additional updates have also been developed.

The two current items of attention include:

- Number of services allowed, required, and/or prohibited for buildings with multiple units:
The Specifications had references to certain situations requiring a meter for each individual tenant space unless certain conditions were met but also indicated only one service would be provided to a given building. The proposed updates delete language mandating a certain number of services and instead leave it to the discretion of the Owner, with the location, size, and other details of the service subject to approval of RMU.
- Supply of electric meter bases (or meter sockets): The City of Rolla has recently approved changes to building code implementation that will require a service disconnect at each new electric service location installed. Even though one section of the Specifications noted that the Owner will provide such, RMU has for some period of time supplied meter bases other than a certain few where individual meters are installed and RMU has not supplied meter bases for ganged meter installations. With the new requirement for a disconnect at each service the Specifications are being proposed to be revised so that RMU will no longer supply any meter bases, other than overhead primary metering and the meter base when the service requires use of a 13 terminal meter.

Other changes to the Specifications include:

- References to applicable building codes: There was quite a bit of text in the prior version of the Specifications that described requirements for the portion of the electric system that is Owned by the Owner and also subject to authority by the City of Rolla or other entities as related to building Codes. Generally, those references have been removed or reworded to indicate that the specifics of those details are subject to applicable codes.
- Removal of outdate details: Removal of text that is no longer applicable included bolt-in meters, cut-in-flat work, meter bypasses.
- Formatting: Fine tuning of formatting for consistency with the rest of the document.

RMU staff recommends approval of the proposed changes to the General Specifications for Electric Construction in accordance with the Specifications that note all updates shall be approved by the Board of Public Works.

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GENERAL SPECIFICATIONS FOR ELECTRIC CONSTRUCTION^[CD2.1]_[CD2.2]

1. GENERAL INFORMATION

1.1 AUTHORITY AND INTENT

These specifications are drawn and approved by the Rolla Board of Public Works of the Rolla Municipal Utilities, Rolla, Missouri and shall be enforced, and no part thereof altered without approval of said Board or their duly appointed representative. The specifications herein supersede all previous electric specifications and drawings issued by Rolla Municipal Utilities (RMU) prior to this date and are subject to change without notice.

These specifications are intended to govern all electric service supplied by RMU. They are supplementary to, and are not intended to conflict with, any applicable City codes and ordinances, the National Electrical Safety Code, and the National Electrical Code. All specifications contained herein apply to Customers, Contractors, Developers, and/or any others who act on behalf of an Owner.

RMU reserves the right to specify the phase and nominal voltage at which service shall be supplied and to serve at different voltages where distribution is made at other nominal voltages.

Copies of RMU's General Rules and Regulations and electric rate and fee schedules are available at RMU's Business Office ~~located at 102 West 9th Street, Rolla, Missouri~~, during normal business hours and at www.rmurolla.org.

Should there be any questions or comments in regards to these specifications, please contact RMU by phone at (573)364-1572, by fax at (573)364-1540 or email at info@rollamunicipalutilities.org.

1.2 DEFINITIONS

RMU: Rolla Municipal Utilities

City: City of Rolla, Rolla, Missouri

Staff: Employees of Rolla Municipal Utilities

Owner or referred to by male gender (i.e. his, him, etc): Any person or company applying for, receiving, using, or accepting electric service or any other service supplied by RMU; any Contractor, Developer, or Customer; and/or any person(s) acting on behalf of the Owner.

A: Amp(s)

V: Volt(s)

AC: Alternating Current

NEC: National Electrical Code, 2005 or later edition, as adopted by the Rolla City Council.

NESC: National Electric Safety Code, C2-2007 or later edition as adopted by the Rolla City Council.

2. SERVICE RULES

2.1 TYPE OF SERVICE, VOLTAGE AND PHASE

~~Permanent Service: Unless specific arrangements are made to the contrary, electric service shall be considered rendered on a continuous, permanent basis subject to termination as provided in the RMU General Rules And Regulations.~~

~~Temporary Service: Temporary service is defined as electric service provided for a short term need, such as that service required by Owners during building construction.~~

~~Where temporary service is to be provided from an overhead line, Owner shall provide the support for attachment of the service wire and metering, as shown on Detail #1. For service from underground lines, Owner shall provide the support for meter, cable and service equipment, as shown on Detail #2.~~

Before purchasing ~~heavy-duty Residential or Non-Residential~~^[CD3.1] equipment for installation on RMU service, transferring such equipment to a new location or before starting to rewire an existing installation which may necessitate a relocation of the service entrance, elimination of obsolete wiring, or increasing the capacity of the main service switch or of the wiring, etc., Owner ~~should~~^{is to} contact RMU. The purpose of this ~~contact request~~ is to determine the type of service which will be available for the load contemplated, the voltage and phase at which the service will be supplied, and the location on the point-on Owner premises of the Owner to which RMU will connect the service conductors. Early contact

~~Compliance with this request~~ will enable RMU to meet requests for electric service more promptly. It will help to reduce delays in providing the required service facilities and avoid the installation of equipment not suitable for operation on the type of service which RMU will supply.

The standard electric service offered by RMU is 60 Hertz alternating current.

~~RMU will supply single-phase or three-phase, four-wire secondary service on underground systems. Single-phase and three-phase, four-wire may be supplied on overhead systems.~~

All secondary service provided is solidly grounded at the distribution transformer. Secondary service

requires that the grounded neutral or grounded phase conductor be terminated at Owner's main service disconnect and approved ground. (See Section 6 herein.) Owner desiring ungrounded or impedance grounded service should provide isolation transformers or consider primary service for this purpose.

Choice of voltage and type of system offered depends on location and size of load. Owner should consult RMU to determine the voltage and method of supply that will be available.

2.1.1 Temporary Service: TEMPORARY SERVICE - Temporary service is defined as electric service provided for a short term need, such as that service required by Owners during building construction. Where temporary service is to be provided from an overhead line, Owner shall provide the support for attachment of the service wire and metering, as shown on Detail #1. For service from underground lines, Owner shall provide the support for meter, cable and service equipment, as shown on Detail #2.

The Owner is required to furnish and install all materials for the service entrance. The service must be self-supporting, and may not be attached to any RMU pole or equipment for support. It must be equipped with ground fault circuit interrupters and conform in all aspects to the NEC and NESC. Overhead services shall be located at least 10 feet, and not more than one span unless otherwise approved, from RMU poles and equipment, and RMU may charge costs associated with installation of a temporary service if beyond one span.

A Temporary Service must be initially inspected by the appropriate inspection authority before it can be connected by RMU. It is the Owner's responsibility to notify the inspector when the service work is complete and ready for inspection.

Please refer to RMU's General Rules and Regulations and/or call RMU for additional information.

2.1.2 PERMANENT SERVICE - Unless specific arrangements are made to the contrary, electric service shall be considered rendered on a continuous, permanent basis subject to termination as provided in the RMU General Rules and Regulations.

2.1.34 SINGLE-PHASE SERVICE, 120/240V, GROUNDED NEUTRAL - This service is suitable for lighting, small motors and general household appliances nominally rated 110V to 120V or from 220V to 240V. The 120/240V three-wire service is normally limited to 800A.

Single-phase installations requiring in excess of 800A in service capacity at 120/240V, may be increased beyond 800A by preferably installing 120/208V three-phase, four-wire service entrances, or subject to RMU approval, installing multiple single-phase, 120/240V services.

2.1.42 THREE-PHASE, FOUR-WIRE SERVICE, 120/208V, GROUNDED WYE - Three-phase, four-wire service will normally be designated for new connections for the following conditions:

- A. The load cannot, in RMU judgement, be supplied from a single-phase supply.
- B. The power load is of such character as not to interfere with the lighting load.

If this service is not appropriate for the power load, RMU should be consulted.

Service is supplied from a Y-connected secondary from which 120/208V three-phase, four-wire service may be supplied. Multiple three-wire services connected at a common three-phase, four-wire distribution point shall be balanced between phases.

Service entrance panel ampacity is limited to 3000A for 120/208V, three-phase, four-wire service. Service entrance requirements greater than 3000A at 120/208V shall be reviewed with RMU.

2.1.53 THREE-PHASE, FOUR-WIRE SERVICE, 277/480V, GROUNDED WYE - Three-phase, four-wire, 277/480V service will be designated for qualifying Owners whose load is of such nature as to be unable to be supplied at 120/208V. It may also be requested by Owner in lieu of 120/208V service. Where this voltage may be designated by RMU or desired by the Owner, RMU should be consulted before purchasing equipment or the start of wiring on the premises. If this service is requested for loads less than 225 KVA demand, there may be a charge to the Owner.

Service is supplied from a Y-connected secondary from which 277/480V, three-phase, four-wire service may be supplied.

Service entrance ampacity is limited to 3000A for 277/480V, three-phase, four-wire service. Service entrance requirements greater than 3000A at 277/480V shall be reviewed with RMU.

2.1.64 THREE-PHASE, FOUR-WIRE SERVICE 120/240V DELTA - This type of service exists in some service areas, but is not available for new connections. If the existing service needs to be changed to provide increased capacity or maintenance to the service as the result of a change in location, disconnection of service due to other improvements, or a damaged service line needs to be replaced the service must be modified to no longer utilize this type of service. RMU shall be consulted before adding to or changing existing connections.

2.1.~~75~~ THREE-PHASE, THREE-WIRE SERVICE, 240V, ONE-PHASE GROUNDED - This type of service exists in some service areas, but is not available for new connections. If the existing service needs to be changed to provide increased capacity or maintenance to the service as the result of a change in location, disconnection of service due to other improvements, or a damaged service line needs to be replaced the service must be modified to no longer utilize this type of service. RMU shall be consulted before adding to or changing existing connections.

2.1.~~86~~ THREE-PHASE, THREE-WIRE SERVICE, 480V, ONE-PHASE GROUNDED - This type of service exists in some service areas, but is not available for new connections. If the existing service needs to be changed to provide increased capacity or maintenance to the service as the result of a change in location, disconnection of service due to other improvements, or a damaged service line needs to be replaced the service must be modified to no longer utilize this type of service. RMU shall be consulted before adding to or changing existing connections.

2.1.~~97~~ THREE-PHASE PRIMARY DISTRIBUTION SERVICE - Primary service is offered at voltages designated by RMU. Such service is normally supplied by extending primary distribution lines to a substation located on Owner's premises. However, there are locations within the RMU service area to which circuits at these distribution voltages have not been extended and for engineering, economic or other reasons RMU may, in some cases, elect to supply primary service from a substation located on the Owner's property. Owner is requested to discuss power requirements with RMU before purchasing equipment or the start of Owner wiring.

~~2.1.8 ——— TEMPORARY SERVICE — The Owner is required to furnish and install all materials for the service entrance. The service must be self-supporting, and may not be attached to any RMU pole or equipment for support. It must be equipped with ground fault circuit interrupters and conform in all aspects to the NEC and NESC. Overhead services shall be located at least 10 feet, and not more than 80 feet, from RMU poles and equipment. A Temporary Service must be initially inspected by the appropriate inspection authority before it can be connected by RMU. It is the Owner's responsibility to notify the inspector when the service work is complete and ready for inspection. Please refer to RMU's General Rules and Regulations and/or call RMU for additional information.[CD4.1]~~

2.2 BALANCING LOAD

When three-wire, single-phase AC is supplied, all 120V apparatus must be connected as equally as possible on the two sides of the circuit.

Where single-phase load is connected to a meter measuring three-phase, three-wire or four-wire service, the unbalancing of the phases arising from the use of such single-phase load shall not exceed 10% of the total demand in kilowatts measured at the time of maximum use.

2.3 INSTALLATION OF RMU TRANSFORMERS ON OWNER PROPERTY

Where construction, safety or engineering requirements do not permit the installation of RMU transformers on existing easements or public property, Owner shall provide sufficient space and easements for transformers, switches and related equipment adjacent to paved surfaces intended for normal vehicular traffic or parking, for the purpose of installing or changing RMU equipment. This equipment will be installed in one of the following ways, as determined by specific conditions through consultation with RMU.

A. Pole Installation: Used where equipment can be pole mounted. Requires relatively little space.

B. Pad Mounted Transformer Installations: The transformer must be located and/or protected from the hazard of physical damage. The transformer must also be located away from building walls, fences, decorative or protective walls and barriers and shrubs to permit maintenance and operation of the unit. *Clearance requirements and protective barriers are shown on Detail #14.* Owner installing the foundation pad must receive RMU approval of pad orientation for primary and secondary cable access.

~~C. Pad and Fence Installation: Used on large installations where equipment cannot be pole or platform mounted or where this type installation is preferable because of engineering or other reasons. Requires greater space than the platform installation and Owner must provide pad, grounding, fence or other suitable enclosure in accordance with RMU specifications.~~[CD5.1]

2.4 SERVICE CONNECTIONS

Service connections may be at primary or secondary voltage, delivered from overhead or underground facilities, and may involve an Owner substation. These circumstances are described in the following sections.

2.4.1 NUMBER OF SERVICES - Number of services is governed ~~by RMU and/or the NEC~~ and if multiple services to a building are requested RMU must approve. A building or other structure served shall be supplied by only one service. [CD6.1] ~~RMU shall designate one point of delivery. (Special facilities charges apply to some exceptions.)~~

2.4.2 SECONDARY VOLTAGE SERVICE CONNECTION

a. Residential Overhead Service:

The overhead service ~~installation is the~~ a single overhead [CD7.1] ~~span of service wires,~~ called a service drop, extending from a pole on an easement strip or public right-of-way to the premises.

Owner is to provide an attachment point for the service drop to attach to the building and to connect to the service head at a location nearest agreed upon RMU service point (refer to Section 3).

~~On 1 to 4 family dwellings,~~ Owner will normally locate the service entrance based on rules herein. If there is a doubt as to which point on the building will be nearest RMU service point, a request should be made for RMU to review/designate the point where the service drop will be attached to the building and the routing of the overhead service line.

b. ~~Non-Residential Overhead Service~~: When construction ~~of a Non-Residential building, an apartment building, or townhouses~~ or extensive remodeling of existing buildings are planned, Owner shall consult with RMU for the appropriate service entrance location. Drawings are to be submitted for the purpose of securing adequate service facilities, meter locations and proper Owner-owned service equipment.

bc. Residential Underground Service:

i. ~~Subdivisions and developments: Underground service is available for Residential subdivisions and developments.~~ [CD8.1] The Owner is required to provide trenching and cable for the service portion of the underground system. Installation of cable within conduit is at the discretion of the Owner. Owner is urged to notify RMU of proposed work because approval of construction plans will have to be completed prior to lateral installation. The normal service connection point to building ~~should be a single family subdivision home shall be on the side or front of the house proper within ten (10) feet of the corner of the house proper,~~ nearest to the direction from which the service lateral enters the property to be served. Owner installations must be in accordance with all applicable building codes and RMU specifications.

ii. ~~Individual residences: For underground service to an individual residence not in a subdivision, Owner shall install a service lateral direct buried or in conduit.~~ [CD9.1]

d. ~~Non-Residential Underground Service: The Owner of Non-Residential property is required to install the total conduit system within the boundaries of the development project. Transformer pad construction requirements are shown in Detail #15 or #16, which should be secured from RMU when first considering such development plans.~~ [CD10.1]

~~The basic distribution voltage is 120/208V, three-phase, four-wire. For engineering reasons, RMU may offer 277/480V, three-phase, four-wire service where the load warrants this voltage. Large loads, at RMU's option, may be supplied from primary radial feeders. [CD11.1][CD12.1]~~

~~Choice of voltage and type of system offered depends on location and size of load. Owner should consult RMU to determine the voltage and method of supply that will be available. [CD13.1]~~

2.4.3 PRIMARY VOLTAGE SERVICE CONNECTION - Owners planning primary service connections should promptly contact RMU, and obtain RMU specifications on connection requirements, relaying and fuse coordination, meter equipment and location, before ordering service equipment. RMU reserves the right to specify whether primary service connection will be made overhead or underground.

~~RMU will install and own all facilities to point of delivery of service, where connection is made to Owner receiving facilities. [CD14.1]~~

~~Owner will install and own, on Owner property, service disconnecting facilities, relays and transforming equipment necessary to provide the required utilization voltages, including extensions of metered primary circuits. Owner will also furnish space and supporting structure for RMU metering equipment and potheads. [CD15.1]~~

3. SERVICE WIRING

3.1 ELECTRICAL SAFETY AND CODE CLEARANCES

It is the policy of Rolla Municipal Utilities to operate the electric transmission and distribution system with care and safety for the public and RMU Staff. The NESC is used for design, construction, maintenance, and operation of the electric transmission and distribution system by RMU, as well as any associated activity by the public and private industry. The applicable NESC in effect at the time of installation will apply.

RMU reserves the right to terminate service without prior notice when a hazardous condition exists.

The current edition of the NESC should be consulted for current electrical safety code clearances. ~~A copy of the NESC can be viewed at the RMU Engineering Department, located at the RMU business office.~~

3.2 MINIMUM CLEARANCE FROM OVERHEAD LINES

For this section, the term "clearance" means the shortest distance between any two surfaces.

Minimum clearance between any building or other structure and any overhead transmission line, overhead distribution facility, or electric utility pole will be maintained in accordance with the provision of latest edition of the NESC.

Minimum clearance between signs, chimneys, radio and television antennas, storage tanks, and other structures, and any overhead transmission line, overhead distribution facility, or electric utility pole will be maintained in accordance with the provisions of the NESC.

Minimum clearance over streets, alleys, parking lots, rights-of-way, easements, etc., by overhead distribution facilities, will be maintained in accordance with provisions of NESC.

Any Owner who proposes any action that would result in violation of the minimum clearances as set out in Section 3 of this document will give ninety (90) days prior notice of such proposed action to RMU. Any Owner who proposes to change the use of land or change the grade of land that would result in conflict with Section 3 of this document will give ninety (90) days prior notice of such action. Upon such a notice, RMU will determine the feasibility of relocating such line, distribution facility, and/or electric utility pole which is in conflict with the proposed action to a suitable and safe location.

Should RMU determine that such relocation is feasible, RMU will perform the necessary relocation at the expense of the Owner whose proposed action violates the minimum clearance requirements. Relocation of such overhead transmission line, distribution facility, and/or electric utility pole may begin on a mutually agreed upon date.

Should RMU determine that the relocation of a transmission line, distribution facility, and/or electric utility pole is not feasible, RMU may require action to prevent a violation of the minimum clearance requirement. Any action that RMU requires pursuant to this subsection will be performed at the expense of the Owner whose proposed action violates the minimum clearance requirement.

3.3 EQUIPMENT OPERATION AROUND FACILITIES

3.3.1 OVERHEAD - When operating equipment around overhead electrical lines, Federal Occupational Safety & Occupational Health Administration (OSHA) standards ~~shall be maintained~~ require that the equipment maintain a minimum distance of 10 feet. Contacting the line can result in severe injury or death. If work must be accomplished near an overhead electrical line, contact RMU for assistance in avoiding contact with these energized facilities.

When performing tree trimming near energized power lines, the Owner must stay a minimum of 10

feet away from the power line. If the Owner needs to trim or cut trees which are closer than 10 feet, RMU must be contacted.

3.3.2 SCHEDULED OUTAGES AND LINE COVERUP - RMU will de-energize a power line or place line coverup for construction purposes, provided that no other Owners are affected by this action and/or the integrity of the electric system is not damaged by the action. If a power outage or line coverup is requested, a minimum of seven (7) working days advance notice is required to schedule the work with RMU. Contact RMU to request a scheduled power outage or line coverup.

The expense, for a scheduled power outage or placement of line coverup that occurs outside ~~of normal business hours~~ the hours of 6 a.m. to 6 p.m. Monday through Friday or a scheduled power outage or placement of a line cover up that requires what staff deems to be extensive work, shall be the responsibility of the party who requests the work be performed. If necessary, RMU Staff will prepare a cost estimate and notify the Owner requesting the scheduled outage or line coverup of the estimated cost. Included in this estimate are non-refundable labor charges for all work performed by RMU and may include a refundable deposit on line coverup materials. After RMU receives payment of the deposit (if required), the work will be scheduled with RMU. The labor will be charged on an actual cost basis upon completion of the work. The deposit will be refunded when RMU receives a written request for coverup removal, and all labor costs are paid in full.

3.3.3 UNDERGROUND - All excavation shall be done in accordance with the Underground Facility Safety and Damage Prevention Act of Missouri.

Grading or excavation work shall not be started until an underground facilities location has been completed. Digging into underground power lines can result in severe injury or death to the operator and others, and can cause interruption of service to wide areas. Contact Missouri One-Call at 1-800-DIG-RITE (800-344-7483) or 811 or missouri-811.org.

3.4 SERVICE SUPPLY CONDUCTORS - OVERHEAD

3.4.1 OWNERSHIP OF OVERHEAD SERVICE - RMU shall own and maintain the service wire from the point of connection to the RMU system to the service drop attachment point. Refer to Section 3.4.4.

3.4.2 LOCATION AND CLEARANCES - SERVICE WIRES, 600V OR LESS - RMU will review the proposed location and alignment of the overhead service drop with the Owner. The location of such shall be as approved by RMU. Service drop clearances shall comply with appropriate requirements of the NESC and the NEC. Service drop conductors shall not be readily accessible to physical contact. Changes, additions, and/or grading on Owner premises shall not cause clearances under and around service wires to be less than indicated herein. RMU shall be advised when clearance problems exist. In some cases, Owner may be responsible for costs incurred to restore clearances. Improper clearance is reason for disconnection of service.

3.4.3 SERVICE ENTRANCE LOCATION - The service drop and attachment point, service bus or service entrance shall not be enclosed in any building, alteration, facade or addition.

~~a. Single-family residences and one-to-four family apartment buildings:~~ Service entrance and service drop attachment shall be located at a point closest to RMU supply point. RMU shall approvedesignate the service entrance and service drop attachment point. If any doubts exist as to the proper location, please consult RMU.

~~b. Non-Residential and apartment buildings of more than four units: RMU shall designate the service entrance and service drop attachment point.~~

For multi-tenant buildings, including townhouses, service entrances of less than 400A per tenant ~~can~~shall utilize ganged meter packs at a location(s) approved designated by RMU to facilitate connection to a single service drop(s). Service of 400A or more per tenant for multi-tenant buildings shall be handled on a case-by-case basis.

Pre-bussed service boxes and associated risers shall be provided by the Owner. They shall be sized to accommodate the proposed services and installed on the outside of the building ~~wall~~ at approveddesignated locations. Individual conduits or service cable shall be provided from the service box to the meter location to assure integrity and security of the unmetered circuit. Meters shall be located as close as practical to service box. Combination pre-bussed ganged meter bases are also an acceptable alternate.

3.4.4 SERVICE DROP ATTACHMENT - The service entrance must be located where there is adequate material and strength for RMU to attach its service drop. The attachment must have sufficient height to provide the required service drop and drip loop clearances as specified herein. The attachment point must be accessible by ladder. Preferred points of attachment are building studs or solid masonry at least one foot from a corner. Some trim and soffit boards are acceptable when substantially reinforced. Owner shall be

responsible for the installation and maintenance of an adequate attachment point.

3.4.5 SERVICE ENTRANCE HEIGHT - When the structure is too low to obtain proper clearance for the service wire attachment, the Owner must provide an approved upright or service mast of rigid metal conduit of sufficient strength and height for the attachment of the service drop wires. When an acceptable upright or mast is installed, RMU will supply and install the service - triplex cable from pole to the structure.

3.4.6 SERVICE ENTRANCE, SPACING - When more than one service entrance is provided on a building for the same class of service, the spacing between the service entrances should not exceed twenty-four (24) inches, unless approved by RMU.

3.4.7 SERVICE ENTRANCE, ADJOINING PROPERTY - Thirty-six (36) inches is required as the minimum permissible clearance between the wall through which the service entrance is brought out and the adjacent property line. The service entrance shall not overhang adjoining property.

3.4.8 SERVICE ENTRANCE - CAPACITY CONDUCTOR LENGTH

- a. Services 800A or less: Service entrance conductors shall extend at least twenty-four (24) inches beyond the raceway and be left free for RMU to make the attachment to the service drop.
- b. Services over 800A: Coordinate with Rolla Municipal Utilities.

3.4.9 RE-WIRE EXISTING SERVICE ENTRANCE FROM RMU SERVICE BUS ON BUILDING - All re-wiring work shall be in compliance with applicable building codes and RMU specifications.

- a. One to Four Family Residential Dwellings: The service entrance from an existing supply bus on a building may be changed or increased in capacity at its present location, except: (1) on a building wall which is less than thirty-six (36) inches from an adjoining property line; (2) on a building wall facing a street which has been cleared of overhead circuits or poles; (3) any place without proper clearance due to additions to the structure such as rooms, fire escapes, etc.; (4) inside an enclosed porch; and (5) where the existing service drop is attached to an adjacent building.
- b. Residential and Non-Residential Dwellings More Than Four (4) Units: [CD16.1] A change in service entrance from an existing supply must be reviewed with an RMU representative for approval to re-wire prior to doing work.

3.5 UNDERGROUND SERVICES

3.5.1 OWNERSHIP OF UNDERGROUND SERVICE - Owner shall own and maintain service wire and conduit, if installed, to the point of connection with the RMU system.

3.5.2 LOCATION, GENERAL - Service entrance provided from underground distribution systems shall be located and terminated in accordance with RMU specifications. The service lateral shall not be enclosed within or covered by any alteration, facade or addition to the building.

3.5.3 UNDERGROUND SERVICE CONDUIT

- a. The underground service conduit will extend from the Owner service entrance to an RMU approved designated point of service on the Owner property, on public right-of-way or on utility easements adjacent to Owner property. Any RMU requires rigid steel conduit for any portion of the service entrance that shall be exposed on utility poles must be adequately protected as approved by RMU. [CD17.1] A minimum of Schedule 40 PVC is required for the portion of the service entrance which is buried or above grade on the customers building. *Refer to Details #10, #11, #12, and #13.*
- b. Service entrance riser shall extend up the utility pole to a point designated by RMU Staff. The proper location of the riser on the pole (quadrant) shall be obtained from RMU. Where the service entrance is to be extended to a location requiring pole setting, replacement or alteration by RMU, such extension shall not be made until the pole work has been completed by RMU.
- c. Conduit installations shall not include any conduit elbow fittings (LB) ahead of the meter. Standard conduit bends must be used. [CD18.1]
- d. Conduits are to be installed by the Owner into existing transformer compartments or pedestals. Owner shall contact RMU to schedule the opening of the transformer or pedestal and safety cover up of energized parts.
- e. Conduit ownership remains with the Owner and any necessary repairs, including that portion extending up the pole, are the Owner's responsibility.
- f. Expansion couplings shall be utilized. [CD19.1]

3.5.4 UNDERGROUND SERVICE CABLE

a. ——— Underground service cables shall be provided in lengths adequate to extend up the pole to the secondary or the transformer terminals (including street crossings). Owner will completely install the entire length of the service cable.

b. Cables exposed to sunlight at the top of the pole, shall be ultra-violet (U.V.) resistant.

c. Cables to be installed in conduit or buried in direct contact with the earth shall be a type ~~approved~~**designated** by the inspection authorities.

d. Cable ownership remains with the Owner and any necessary repairs, including that portion extending up the pole, are the Owner's responsibility.

e.

For future maintenance, RMU will assist with the removal of the cable from the pole to allow repair or replacement and re-connect same to the secondary upon completion of the work.[CD20.1]

3.5.5 CONDUIT SEALS - Termination of secondary distribution conduits within the building below grade is not a preferred installation due to water seepage problems. It has proven to be very difficult to insure long term water tightness of the conduit and cables through the building wall. It is the Owner's responsibility to provide drainage and sealing as needed to prevent damage to the electrical facilities and other property inside the building.

4. METERING**4.1 METERING RULES**

All meters, overhead service drops, and other electrical facilities installed by RMU at the expense of RMU on the Owner's premises for the purpose of delivering or measuring energy to the Owner, will continue to be the property of RMU.

The Owner will provide and maintain without cost to RMU sufficient and proper facilities for the installation of meters and other apparatus at a readily accessible location.[CD21.1]

~~Rolla Municipal Utilities requires the installation of individual electric meters on all units in multi-occupancy Residential and Non-Residential buildings, and mobile home parks. Questions regarding individual meter requirements should be directed to RMU.~~

Exemptions: Separate individual electric meters are not required for the following:

- ~~Those portions of transient multiple occupancy buildings used as temporary domiciles in such buildings as hotels, motels, dormitories, rooming houses, boarding houses, lodging houses, hospitals and nursing homes.~~
- ~~Residential unit space in multiple occupancy buildings where all space heating, water heating, ventilation and cooling are provided through central systems and where the electric load within each unit that is controlled by the tenant is projected to be 250 kWh or less per month and where the utility has been provided reasonable substantiation of the load projection.~~
- ~~Residential unit space in multiple occupancy buildings in which each unit is 250 square feet or less without individual kitchen facilities provided in each unit.~~

4.1.1 ONE MAIN METER FOR SERVICE OF SAME TYPE - RMU will furnish and install only one main watt-hour meter to register all energy supplied to Owner at any individual premises, unless accuracy of measurement, engineering, safety reasons, rates or legal provisions require the installation of more than one meter. The Owner shall provide all necessary transformation equipment behind the meter to provide other types of service or voltage requirements. There may be Owner expense for additional requested meters.

~~All meters, overhead service drops, and other electrical facilities installed by RMU at the expense of RMU on the Owner's premises for the purpose of delivering or measuring energy to the Owner, will continue to be the property of RMU.~~

~~The Owner will provide and maintain without cost to RMU sufficient and proper facilities for the installation of meters and other apparatus at a readily accessible location.~~[CD22.1]

4.1.2 METER INSTALLATION - All meter and service connections shall be made by RMU and no person other than RMU Staff is permitted to connect, disconnect or in any way remove an electric meter owned by RMU.

4.1.3 ACQUISITION AND INSTALLATION OF METER MOUNTING EQUIPMENT (METER SOCKET):

- a. RMU will provide and install the watt-hour meter.
- b. Where service is provided at primary voltages:

Unless otherwise approved by RMU, the electric service shall utilize an underground service and a padmounted metering enclosure is to be installed the Owner shall provide and install a complete padmounted primary metering cabinet (including Current Transformers), except that RMU will provide (for installation by Owner) the 13 terminal meter socket.

c. Where service is provided at secondary voltages:

i. Where the electric service will require installation of a Current Transformer utilizing a 13 terminal meter socket RMU will supply the 13 terminal meter socket that the Owner is required to install. The owner is required to provide and install the CT metering cabinet and all associated connections along with the conductor. RMU will provide and install the Current Transformers.

ii. For all other metering configurations, the Owner shall be responsible for acquisition and installation of the meter mounting equipment (meter socket). If Current Transformer(s) are needed they will be provided and installed by RMU.

On all new wiring and re-wiring of electric services, RMU will supply the appropriate meter mounting device which shall be installed by the Owner in accordance with these RMU specifications.

4.2 METER LOCATIONS AND WIRING

4.2.1 METER LOCATION ~~POLICY~~ - In general, all electric meters must be located outdoors at the point closest to the service drop or lateral termination.

This policy applies to all new installations and re-wire work where the meter and/or service equipment is involved. All meters shall be located and mounted in devices in accordance with RMU specifications.

Meter locations required for new or re-wire work shall conform to this policy, even though other existing meters on the premises may not conform. It is recommended, but not necessarily required, that existing meters which are not involved in the wiring work, be upgraded to present standards.

Meter locations will be ~~approved~~determined by RMU and must meet the following conditions in addition to other electric service ~~manual~~ requirements:

a. ~~Where multiple meters are to be installed the meters should~~ Meters shall be grouped at locations approved by ~~the appropriate~~ RMU Staff.

b. ~~Where Current Transformers (CT's) are required for a~~ On secondary service, [CD23.1] ~~the metering, including CT's meters, including Current Transformers (CT), shall be located on the line side (ahead) of service disconnecting device unless otherwise approved or required by any applicable building codes. Exception to allow Owner switching device ahead of the meter must be specifically approved by RMU. See Section 4.5.3 for Exception.~~

c. Meter shall be located to directly measure Owner load and energy. Series (subtractive) metering will not be allowed.

d. All CT's shall be located outdoors and installed in weather tight, approved cabinets, unless otherwise specified by RMU. Approved Current Transformer locations are ~~APPROVED CURRENT TRANSFORMER LOCATIONS ARE:~~

ia. Mounted at the weatherhead;

iib. Outdoor CT cabinet (location to be approved by RMU);

c. Padmount transformer secondary compartment

e. Service will be refused if meters and current transformers are not installed in accordance with RMU specifications and building code requirements. Section 4.2.1. Meter Location Policy.

Unapproved metering locations include:

ai. Over stairs and in stair wells, either indoors or outdoors.

bii. In basements, where the only entrance is through a trap door.

gi. On lattice or metal lath partitions.

ivd. In or on walls of storage lockers or bins.

ve. Meter locations inside occupant or tenant space, in single or multi-occupant buildings.

vif. In bedrooms, bathrooms, toilet rooms, restaurant kitchens, stairways, elevator or ventilating shafts, or in any place where it will cause inconvenience to either Owner or RMU representatives.

vii. Over windows, doors, stoves, furnaces, radiators, heaters, boilers, sinks, tubs or any place subject to flying objects or dust, grease, excessive heat, moisture or fumes.

viih. Under water pipes or other pipes from which condensation may drop, or within five feet of belts or moving machinery.

ixi. In that part of a basement extending under a sidewalk.

xj. Where the meter would be subject to excessive vibration.

xik. On a wall abutting a street or alley when subject to mechanical damage.

xii. On outside walls over air conditioning units where units are less than three feet from wall, including (This covers air conditioning units that are installed after meter equipment is mounted).

4.2.2 RE-WIRE WORK AND METER LOCATION ON EXISTING BUILDINGS

- a. If the existing service needs to be changed to provide increased capacity or maintenance to the service as the result of a change in location, disconnection of service due to other improvements, or a damaged service line needs to be replaced the service the electric service as a whole must be revised as necessary to meet current RMU specifications.
- b. All work performed in conjunction with rework must be in compliance with any applicable building codes.Definitions
 - i. Re-wire: The electrical work that involves: (1) relocation; (2) replacements; or (3) ampacity changes of Owner-owned service cables, service entrance conductors or service equipment. Re-wiring work shall include the updating of metering equipment and requires that all meters be installed and located in accordance with these RMU specifications.
 - ii. Service entrance conductors: The conductors between the terminals of the service equipment and the tap or splice to the service drop, service lateral or secondary distribution.
 - iii. Service equipment: Consists of the circuit breaker(s) or switch(s) and fuse(s) and their accessories located near the point of entrance of the supply conductors to a building and intended to constitute the main control and means of cutoff of the supply.
- b. Additional Service Entrances
 - i. On Residential buildings with less than 16 electric meters (on three occupied floors or less), additional service entrance conductors and/or ampacity requires all meters to be relocated outdoors.
 - ii. On Residential buildings exceeding 15 electric meters (on three floors or less), if additional service entrances are wired to the building, meters associated with the new services shall be located outdoors, if there are 15 or less electric meters per additional service entrance.
- c. Re-wiring Exceptions
 - i. In multi-tenant buildings of six (6) units or less, with indoor meters, where all units are served from a common service and each unit has its own means of disconnect, the ampacity of the disconnect may be increased without relocating the meter(s) outdoors subject to the limitation of the service entrance conductor ampacity. Work to increase the service entrance conductor ampacity, however, is re-wire work and requires all indoor meters on the service to be relocated outdoors.[CD24.1][CD24.2]

4.3 SERVICE DISCONNECT UNAPPROVED METER AND CURRENT TRANSFORMER LOCATIONS

All services shall have a means of disconnect.

For locations that utilize a 480V service with a capacity of 400 amps or less the installation must include a service disconnect on the line side of the meter.

Service will be refused if meters and current transformers are not installed in accordance with Section 4.2.1. Meter Location Policy.

4.3.1 SPECIFIC PROHIBITED METER LOCATIONS ARE:

- a. Over stairs and in stair wells, either indoors or outdoors.
- b. In basements, where the only entrance is through a trap door.
- c. On lattice or metal lath partitions.
- d. In or on walls of storage lockers or bins.
- e. Meter locations inside occupant or tenant space, in single or multi-occupant buildings.
- f. In bedrooms, bathrooms, toilet rooms, restaurant kitchens, stairways, elevator or ventilating shafts, or in any place where it will cause inconvenience to either Owner or RMU representatives.
- g. Over windows, doors, stoves, furnaces, radiators, heaters, boilers, sinks, tubs or any place subject to flying objects or dust, grease, excessive heat, moisture or fumes.
- h. Under water pipes or other pipes from which condensation may drop, or within five feet of belts or moving machinery.
- i. In that part of a basement extending under a sidewalk.
- j. Where the meter would be subject to excessive vibration.
- k. On a wall abutting a street or alley when subject to mechanical damage.
- l. On outside walls over air conditioning units where units are less than three feet from wall. (This covers air conditioning units installed after meter equipment is mounted).

4.3.2 APPROVED CURRENT TRANSFORMER LOCATIONS ARE:

- a. Mounted at the weatherhead;
- b. Outdoor CT cabinet (location to be approved by RMU);
- c. Padmount transformer secondary compartment

4.4 METER MOUNTING HEIGHTS[CD25.1]

Meter mounting heights are *shown on Detail #3*.

4.4.1 OVERHEAD supplied individual meter sockets shall be mounted such that the bottom of the meter opening is between 5'0" and 5'6" above finish grade.

4.4.2 UNDERGROUND supplied individual meter sockets shall be mounted such that the bottom of the meter opening is between 5'0" and 5'6" above finish grade.

4.4.3 EXCEPTION: RESIDENTIAL SERVICE ONLY - If meter socket is located over a driveway or walkway 36" in width or narrower, the meter socket shall be raised to 6'6" as measured from bottom of meter opening to final grade.

4.4.4 NON-RESIDENTIAL SERVICE rate meter sockets and enclosures shall not be elevated to avoid hazards, but must be protected from pedestrian and vehicular traffic or parking hazards by Owner. Details of suggested barrier are *shown on Detail #4*.

4.4.5 Current transformer enclosures shall be mounted such that the bottom of the enclosure is no higher than 6 feet above final grade and no lower than 1'6" above final grade.

4.4.6 Vertically grouped multi-meter centers shall be installed such that the top meter as measured from the bottom of the meter opening to final grade shall not exceed 6'6". The lowest meter measured as above shall be no lower than 2'0" outdoors.

4.4.7 Horizontally ganged meter centers shall be installed at the same heights as individual meter sockets.

4.4.8 RMU provided transformer rated, three-phase meter mounting equipment shall be mounted between 5'0" and 5'6" as measured from the bottom of the meter window on enclosures or meter opening on sockets to final grade.

4.4.9 RMU provided single-phase transformer rated meter socket shall be located similarly. Residential sockets may be elevated to 6'6", *see Section 4.4.3*.

4.5 MULTI-METER INSTALLATIONS

4.5.1 Refer to Owner Furnished Meter Mounting Equipment Requirements, Section 5 of these specifications.

~~4.5.2 Up to six meters may be supplied at a single point of delivery without a main means of disconnect. The equipment shall connect each meter to the service entrance conductors on the line side of each individual service disconnecting device. See Exception in Section 4.5.3 below. The owner must install a means of disconnect in accordance with all applicable building codes.[CD26.1]~~

~~4.5.3 If the service is 480 volts and 400 amps or less the meter shall be placed on the load side of the disconnect. For all other service conditions In situations where the number of meters and/or fault duty requires a main service disconnect, the individual meters shall be located on the line side (ahead) of each Owner disconnect. This is referred to as "Hot" metering. Exception: On 480V wye and delta services, Owner disconnect shall be located on the load side of the meter.[CD27.1][CD28.1][CD29.1]~~

4.5.4 Pre-fabricated, combination multi-meter equipment with fused or circuit breaker type disconnects shall be provided subject to RMU approval of meter sockets, location, electrical one line, cable landing space, security provisions, etc., before fabrication.

4.5.5 All disconnecting devices located ahead of meters shall be provided with lock-off capability to permit isolating of service.

4.5.6 Meters shall be grouped in location(s) approved by RMU. Owner is responsible to permanently mark the flat, apartment, office or location identification at each meter before the meter is set.

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4.6 REQUIREMENTS, SECURITY AND WIRING

4.6.1 Metered and unmetered wires shall not be installed in the same wireway, pull box, enclosure, etc.

4.6.2 Adequate provisions must be made for the sealing (see Section 5.4.6) and security of meter, unmetered service equipment and circuits. Covers of all unmetered service equipment, pull boxes, troughs, wireways, busways, etc., shall be drilled and tapped for one or more 1/4" x 20 bolts to adequately seal the covers. Sealing bolts shall be furnished with the equipment or by Owner. Maintenance access to unmetered disconnects will not normally be sealed. (i.e. breakers, fuses)

4.6.3 All unmetered feeder busways shall be approved by RMU. Busway openings shall be Owner pre-engineered for installation. "Plug-in" busway shall not be used. Busway approval is required before energize the electric service equipment is purchased.

4.6.4 When aluminum service entrance conductors are used in the meter device, the wire should be thoroughly cleaned with a wire brush and then liberally coated with oxide inhibitor.

4.6.5 A minimum clearance of three (3) inches shall be maintained from the outer edge of the meter base and the service entrance switch, another meter base, wiring troughs, or any obstruction such as down spouts, doors, chimneys, shutters or building projections.

4.6.6 All sockets energized before a meter is set are a hazard and shall be covered with a meter socket cover furnished by RMU. These will be furnished and installed by RMU.

4.6.7 Unused hubs or openings shall not be left open. Hubs shall be closed with a threaded pipe plug and knockouts with knockout closures.

4.6.8 Raceway or conduit connections at the top of meter device shall be watertight and the bottom knockouts closed.

4.6.9 Meter socket mounting must be plumb and rigidly supported to prevent movement, sway and vibration. Meter sockets, not mounted to a permanent structure, must be supported in a manner approved by RMU. *Refer to Detail #6 and #7 for a preferred meter socket support.*

4.6.10 Meter mounting equipment shall be surface mounted including line side conduits.

4.6.11 Meter cabinet covers, pull boxes, CT cabinet covers and any miscellaneous service equipment covers shall ~~be limited to 3 feet by 3 feet unhinged. Unhinged covers shall be equipped with two handles for removal. All doors shall be equipped with hasps for padlocking.~~ [CD30.1] include hinged covers unless otherwise approved by RMU.

4.6.12 Owner shall provide appropriate cable lugs for the termination of RMU maintained conductors.

4.7 CURRENT TRANSFORMER INSTALLATIONS - FOR SERVICES UNDER 600V[CD31.1]

4.7.1 SERVICE REQUIRING CURRENT TRANSFORMERS: Current transformers (CT) shall be installed on services whose rated ampacity is greater than 400A.

4.7.2 INSTALLATION REQUIREMENTS

a. CT Cabinet: CT's shall be installed in Owner provided, owned, installed and maintained enclosure, compartment, box or as part of panel boards as specified herein. The CT enclosure, compartment, box, etc., is dedicated for metering purposes only. Unauthorized access is not permitted. (see Section 4.7.2.F) No Owner equipment or other wiring shall be allowed in or to pass through the dedicated space. ~~Outdoor CT enclosures are specified in Section 4.2.1.~~ Mounting height limitations are stated in Section 4.44.6. CT's for 480 volt services that are 400 amps or less shall normally be installed on the load side of the service disconnect while for all other services the CT's shall be installed on the line side of the disconnect, unless otherwise approved by RMU.

~~bb. Meter Enclosure and Sockets: -The transformer rated meter enclosure and sockets listed below are furnished by RMU and installed by Owner. The meter device shall be mounted on an outside building wall at a point approved by RMU. (See Section 4.6.9.) The meter enclosure or socket shall be located as close as practical to the CT's. (See next page) shall be provided as noted in section 4.1.3. The meter socket shall be installed by Owner. The meter device shall be mounted on an outside building wall at a point approved by RMU. (See Section 4.6.9.) The meter enclosure or socket shall be located as close as practical to the CT's.~~

<u>Service Rating</u>	<u>RMU Furnished Meter Device Number</u>	<u>Approx Dimensions W x H x D</u>
Single phase, all voltages	'210' (6 Terminal Socket)	8"x12"x4"
Three-phase, 3 wire less than 600v	'246' (Socket, 8 terminal)	10"x17"x5"
Three-phase, 4 wire less than 600v	'246' (Socket, 13 terminal)	10"x17"x5"
Primary Services	'043' (double enclosure)	27"x30"x12"

~~c. Current Transformers Service Ampacity up to and including 1200A: RMU provides and installs the, for Owner installation [CD32.1], window-type CTs for this range of service ampacities. Owner provides the CT enclosure, mounts the CTs, and installs line and load side wiring. The CT enclosure for three-phase shall be a minimum 32"x36"x9" deep, and for single-phase shall be a minimum 24"x32"x9" deep.~~

~~d. Service Ampacity larger than 1200A: RMU provides, for Owner installation, window-type CTs for this ampacity service. The CT enclosures are usually part of service panels or switchgear. RMU should be consulted for review of compartment size and service plan before purchasing and installing equipment. The CT space shall have bus bars through the CTs that are removable from within the CT compartment space. Cables must be landed on hardware independently supported from the removable bus link through CT window. Cables shall not be brought through the CT window.~~

~~de. Meter Loop:~~

- ~~i. The metering conduit between CTs and meter device are Owner installed. (No "LBs" will be permitted). The conduit shall have a minimum diameter of 1" and shall be rigid metal, with a minimum of conduit fittings. Owner wiring is not permitted in this conduit. RMU will provide the meter "loop" wires consisting of No. 12 AWG, solid copper wires with individually colored insulation. Splicing of meter loop wires and the installation of pull boxes are prohibited.~~
- ~~ii. RMU Staff will terminate meter loop and ground wires in CT box and on meter equipment in the meter enclosure or socket.~~

~~ef. CT Cabinet Enclosure Covers and Sealing:~~

- ~~i. All Owner provided CT enclosure covers shall be provided with a hasp for padlocking if hinged or, if not hinged, shall be sealed with 1/4" x 20 sealing studs as needed to prevent removal of cover. (see Section 5.4.6.) If the CT space is part of panel boards or switchgear, the CT space shall be barricaded from within and covered with its own, separately sealed steel cover or door.~~
- ~~ii. All CT cabinets must include a hinged cover. Unhinged covers shall be limited to 36" x 36" in one piece. Unhinged covers shall be equipped with two handles to assist removal. CT cabinets shall be weather and rain resistant for outdoor installation.~~

5. ~~OWNER-FURNISHED~~ METER MOUNTING EQUIPMENT REQUIREMENTS

~~The watthour meters will be furnished, installed and maintained by RMU.~~

~~All Owner shall furnish, install and maintain meter mounting equipment shall which meets RMU requirements stated herein, for the purpose of mounting self-contained electric watthour meters in multi-meter installations. [CD33.1] The watthour meters will be furnished, installed and maintained by RMU.~~

RMU will not maintain lists of approved manufacturer's catalog numbers. RMU will be available to review information provided by the assist the Owner manufacturer as they work in to meet meeting these requirements by reviewing and commenting on designs and/or manufactured samples.

Failure by Owner to install a meter mounting device, also known as meter socket, meeting these requirements may lead to the delay of service until these requirements are met. Other sections of these specifications pertain to mounting location, mounting heights and other service requirements.

5.1 GENERAL REQUIREMENTS

5.1.1 The meter socket and any integrated electrical equipment shall meet requirements of the

Underwriters Laboratories (UL) and shall be labeled UL approved for the type of service equipment provided. Meter sockets shall meet standards contained in the latest revision of UL414 and ANSI C-12, Code for Electricity Metering.

5.1.2 Devices shall be labeled as to ampacity class, maximum voltage and manufacturer's name and catalog number.

5.1.3 ~~If the service is 480 volts and 400 amps or less the meter shall be placed on the load side of the disconnect. For all other service conditions where the number of meters and/or fault duty requires a main service disconnect, the individual meters shall be located on the line side (ahead) of each Owner disconnect. Individual meter sockets shall be installed on the line side, ahead of Owner service disconnect.~~

5.1.4 All meter socket equipment and line side wiring shall be surface mounted. Flush or semi-flush equipment is prohibited. **NOTE: Location and method of unmetered wiring inside Owner premises must be RMU approved before installation.**

5.1.5 The meter socket shall be of steel construction, weather and rain resistant and have a baked painted finish over galvanized steel sheet. Fabrication with aluminum sheet, fiberglass or non-metallic material is prohibited.

5.1.6 All meter socket covers shall be ringless. See 5.4.6 for sealing.

5.2 ~~Section 5.2 intentionally blank~~ **BYPASS REQUIREMENTS**

5.2.1 ~~Clamp Jaw bypass meter sockets are required in the following individual meter situations:~~

- ~~a. All three-phase meter sockets.~~
- ~~b. All 480-V services.~~
- ~~c. Single and two-phase, **Non-Residential** service. See 5.2.2 for exceptions.~~
- ~~d. Traffic lights and railway crossing signals.~~

~~The clamp jaw bypass meter socket shall be rated Class 200 and shall be heavy duty, lever operated, clamp jaw with jaw tension release design with plastic protective shield similar to the Landis and Gyr HQ-4, HQ-5 or HQ-7 bypass mechanisms. Bypass mechanisms failing to meet the requirement to visibly open, close and clamp the socket jaws shall be rejected. The clamp jaw bypass shall be rated to carry 100% of class ampacity continuously.~~

5.2.2 ~~Bypass type meter sockets are not required in the following individual meter situations:~~

- ~~a. **Residential services up to Class 200.**~~
- ~~b. Temporary services.~~
- ~~c. Lighting only, limited to 100A, 240V, single and two-phase, on apartment hallways, outside areas, streets, highways and signs.~~

5.2.3 Multi-meter socket equipment requires bypass capability in the following situations:

- a. Without main disconnect, six or less meters per service:**
 - i. Residential: No bypass**
 - ii. Non-Residential: Clamp jaw bypass**
- b. With main disconnect, generally more than six meters per service:**
 - i. Residential: Horn type bypass**
 - ii. Non-Residential: Single and two-phase — Horn type bypass; Three-phase — Clamp jaw bypass**
- c. All three-phase and 480V services require the clamp jaw bypass.**
- d. The slider bypass is not permitted.**

5.3 **BOLT-IN METER SOCKET**

5.3.1 ~~Bolt-in meter sockets equivalent to Landis and Gyr type K-4 meter sockets rated Class 400, shall be used on all single-phase services rated 201A to 400A continuous.~~

5.3.2 ~~Bolt-in meter sockets type K-7, rated Class 480, shall be installed on all three-phase services rated 201A to 480A continuous.~~

5.3.3 ~~Bolt-in meter sockets shall be wired with line side connections to the top terminals of the socket.~~

5.3.4 ~~Owner must adhere to instructions posted inside the meter socket regarding the installation of the "Belleville Washer".~~

~~5.3.5 The bolt-in meter sockets have built-in bypass capability. Bolt-in meter sockets are not allowed for new construction and where revisions are taking place that require changes to the electric service the Owner must make revisions as needed to eliminate the use of any bolt-in meter socket.~~

5.4 MISCELLANEOUS REQUIREMENTS

5.4.1 Meter sockets ~~shall meet all applicable RMU specifications and building codes, for up to and including Class 200 service shall be equipped with lay-in lugs. Class 200 sockets shall be suitable for a range of conductors up to and including 250 kCMIL and/or 350 kCMIL. Lay-in lugs and stud type connectors shall be tinned and suitable for aluminum or copper conductors. CAUTION: Only one conductor per lay-in lug or lug barrel shall be permitted. All line side connectors shall be Owner furnished and suitably sized for RMU specified or provided line side conductors.~~

5.4.2 On all individual meter sockets for underground service, the line conductors will be installed to wrap around the socket interior to the top lugs. Side wire way designs for direct upward connection of U.G. cables are not permitted. ~~The left hand bottom knockout shall be reserved for the incoming service cables.~~

5.4.3 Bypass type meter sockets shall be provided with a clear polycarbonate safety shield over the socket interior.

5.4.4 The 5th ~~terminal jaw~~ on non-bypass and horn bypass sockets shall be located in the 9 o'clock position and on clamp jaw bypass sockets the 5th ~~terminal jaw~~ shall be located in the 6 o'clock position.

5.4.5 The meter neutral terminal on 5 and 7 terminal sockets shall be bonded to the neutral conductor. Where needed due to local requirements, the socket shall include a grounding electrode bonding clamp.

5.4.6 Sealing - - All covers shall be equipped with no more than one securely fastened hasp or stud for padlocking and sealing by RMU utilizing a meter or transformer seal. Depending on the cover size, non-sealable fasteners may be used to mechanically secure the cover in addition to the single sealing hasp. Covers that secure more than one meter, shall similarly be secured with only one sealing and padlocking hasp or stud.

5.5 SPECIAL REQUIREMENTS

5.5.1 Where Owner disconnects and/or fuses are combined with the meter equipment, the cover for the meter and the cover for Owner access to the switch/fuse and load side wiring shall be separated such that RMU meter and lines side service compartments may be secured and sealed (see Section 5.4.6) separately from Owner side. On such combination units, internal barriers shall be permanently installed to prevent access to meters and unmetered wiring via Owner compartments. On multi-meter equipment, the line side cable terminal compartments shall have sealable and lockable covers separate from meter covers.

~~5.5.2 Multi-metered equipment shall be equipped with meter bypass, as stated in Section 5.2.3. For other requirements, refer to Section 4.~~

6. OWNER WIRING AND INSTALLATION

6.1 NOTIFY RMU OF NEW OR RE-WIRE WORK

Owner shall promptly notify RMU (refer to Section 2) of the electrical work planned. Prompt notification will minimize ~~wiring problems and avoid unwanted~~ delays when work is completed.

6.2 INSPECTIONS OF WIRING

Owner wiring shall be subject to inspection and approval by local code authority and/or RMU. Contact the City of Rolla for code requirements.

When inspections are required, RMU will not provide service until Owner wiring has been approved by the proper authorities. RMU reserves the right to refuse service at any time that it deems that the inspecting authority has been remiss or if the service is otherwise unacceptable.

6.3 EMERGENCY REPAIRS AFTER HOURS, WEEKENDS, AND HOLIDAYS WIRING APPROVAL - Reconnection can be made for emergency reasons if Owner provides RMU with name and address, along

with number on business license if applicable. RMU will promptly notify electrical inspection authority of this action.

~~6.3.1 Circumstances or conditions which require wiring approval before service can be connected or reconnected by RMU are:~~

- ~~a. New wiring is installed or existing wiring is added to, repaired or altered;~~
- ~~b. Meter and/or service removed because of vacancy or inactive meter removal program;~~
- ~~c. Disconnected for delinquent payment, unknown user, or non-access for more than six months;~~
- ~~d. Fire: Service has been ordered disconnected by the Fire Department, disconnected by the Fire Department themselves, or disconnected by RMU Staff because of hazard to the public;~~
- ~~e. Storm or vandal damage: Disconnected by RMU Staff because of danger or hazard to the public. RMU will promptly notify the inspection authority;~~
- ~~f. Ordered disconnected by an electrical inspection authority because of defective or hazardous wiring;~~
- ~~g. Disconnected by RMU Staff upon observing a hazard to the public caused by Owner wiring. RMU will promptly notify the electrical inspection authority;~~
- ~~h. Disconnected by RMU Staff at the request of the Owner in order to add to, repair, or change the wiring. (Owner can usually arrange by telephone for the electrical inspection authority to give verbal wiring approval to RMU.)~~ [CD34.1][CD34.2]

~~6.3.2 EMERGENCY REPAIRS AFTER HOURS, WEEKENDS AND HOLIDAYS—Reconnection can be made for emergency reasons if Owner provides RMU with name and address, along with number on business license if applicable. RMU will promptly notify electrical inspection authority of this action.~~

6.4 Section 6.4 intentionally blank ~~CUT-IN-FLAT OF REWIRED SERVICES~~

~~After receiving the wiring approval, Owner may make temporary connections at the outlet and bypass the meter socket in order to provide service to the rewired Owner that would otherwise experience hardship before the meter is set. Such hardship could include the inability to operate the furnace, refrigerator, range, air conditioning, etc. It is necessary to advise RMU when the "cut-in-flat" is made.~~

~~Should RMU determine that a "cut-in-flat" is without wiring approval, RMU will notify Owner and the electrical inspection authority. Failure to secure the inspection wiring approval will result in the disconnection of service.~~

~~NOTE: THE BYPASS OF METERS ON NEW SERVICE CONNECTIONS IS NOT PERMITTED.~~

6.5 OWNER ACCESS

Owner may access RMU owned and RMU secured meter, and CT equipment in the pursuit of legitimate work. The Owner is instructed to obtain prior approval from RMU for such action and work intended. Failure to obtain prior approval and to provide prompt notification will cause access to be considered unauthorized and subject to legal action.

When a new service or rewired service originates from an energized, unmetered Owner owned service compartment (i.e., connection box, pull box, terminal box, trough, etc.), Owner must inform RMU for the purpose and extent of the work before starting any work. Generally, a job site meeting with RMU Staff will be necessary to review capacity and suitability of the service compartment and to schedule the work. Only after specific RMU approval, will Owner be permitted to terminate service wires within the compartment. Owner is not permitted to energize new wiring beyond the meter socket unless emergency situations exist and such work is specifically approved by RMU before work is started. Owner should schedule outages to other tenants as needed to complete the wiring. ~~The "cut-in-flat" of newly wired meters to energize new services is not permitted.~~

6.6 GROUNDING

All secondary AC supply systems shall have a grounded neutral or grounded phase conductor from RMU point of distribution to Owner service entrance disconnect equipment and approved ground. Owner shall install a grounding conductor as prescribed in the NEC or by local regulations. All electrical supply systems must be grounded. A solid copper conductor No. 6 for 100A service and No. 4 for 200A service, must be run from the appropriate lug on the neutral bus in the circuit breaker or fuse panel to 1/2 inch ground rod driven 8 feet into the earth. The conductor must be secured to the adjacent wall to protect it or the conductor must be run in a conduit. When grounded to a cold water pipe, the ground wire shall be attached by means of an approved ground clamp and connected to the ground terminal of the service switch.

A ground wire connection to the water pipe must consider the location of the water meter.

If an external grounding electrode is used, the grounding electrode conductor from the service equipment may exit the meter socket at the approved knockout. As an option, the grounding electrode conductor may extend from the grounding electrode to an approved grounding lug inside the meter socket, if the socket is so equipped.

Telephone and/or other electronic equipment may require grounding external to Owner premises. Such ground connections are not permitted inside RMU sealed (see Section 5.4.6.) and secured cable and meter compartments.

6.7 CONNECTION OF SERVICE

The connection of service to energize Owner load will be made by, and at the discretion of RMU when the meter is set.

7. MOTORS AND APPARATUS

7.1 GENERAL

Owner is invited to consult with RMU before purchase, installation, or wiring of motors or other apparatus to determine the kind of service that will be supplied and the manner in which such equipment should be connected.

All motors, apparatus and appliances shall have such characteristics which enable RMU to maintain a satisfactory standard of service to Owner being served and all other Owners in the immediate area. (See Section 2.2.2.)

RMU reserves the right to select the type of service to be supplied and should be consulted before equipment is purchased or ordered. The characteristics of motors 7 1/2 H.P. and larger or where the aggregate load of smaller motors is more than 20 H.P. require consideration.

7.2 PHASE & VOLTAGE

The types of voltage which are supplied by RMU and the conditions under which each is available are described in Section 2.1: Type of Service, Voltage and Phase.

In general, 7 1/2 H.P. and larger motors will be three-phase and motors smaller than 7 1/2 H.P. will be single-phase. There are, however, a number of exceptions to this rule.

7.2.1 In areas where Owners are supplied from a 120/208V or 277/480V, three-phase, four-wire system, service is sometimes available for motors smaller than 7 1/2 H.P.

7.2.2 In outlying and Residential areas where three-phase energy is not readily available, larger single-phase motors may be permitted, but only with the prior approval of RMU.

7.2.3 Where Owner is already using three-phase energy, motors smaller than 7 1/2 H.P. may be added to the three-phase service.

7.2.4 Three-phase service is not normally available for Residential Owners.

~~The types of voltage which are supplied by RMU and the conditions under which each is available are described in Section 2.1: Type of Service, Voltage and Phase.~~

7.3 PROTECTION AGAINST ABNORMAL CONDITIONS

All motors and special apparatus should be equipped with suitable undervoltage time delay tripping devices to protect against sustained undervoltage or service interruption and to prevent automatic disconnection of equipment upon momentary voltage disturbances.

Three-phase motors should be equipped with suitable protective devices to prevent single-phase operation, improper direction of rotation and excessive heating due to overcurrents.

RMU will not be responsible in any way for damage to Owner equipment due to failure of Owner to provide adequate protection.

Owner should install an uninterruptible power source (UPS) or voltage suppressor where momentary or extended outages of voltage fluctuations will cause inconvenience, loss of electronic memory or trip alarms, etc.

8. GENERATORS

8.1 EMERGENCY GENERATORS

All Owners are required to notify RMU prior to the installation of an emergency generator and installation shall be compliant with all applicable codes and RMU specifications. All generators shall be installed to eliminate the possibility of operating in parallel with or backfeeding into the RMU electrical system. ~~A double-throw, double source main disconnect is required.~~ [CD35.1] All generators must be installed in accordance with RMU General Specifications and City of Rolla Codes.

8.2 COGENERATION / NET METERING

There are rules and regulations that govern the installation and operation of Owner-owned cogeneration equipment. Safety rules prohibit the energizing of de-energized service supply lines from cogeneration equipment. Special metering is necessary to register both "IN" and "OUT" kilowatt hours and demand as appropriate.

Net Metering is available within the City at any point on RMU's existing facilities that have adequate capacity and suitable voltage for delivery of service. A completed and approved application/ agreement for Net Metering is required prior to connection to RMU facilities. Consult RMU for information.

9. RESIDENTIAL AND NON-RESIDENTIAL DEVELOPMENT PROJECTS

The Owner shall contact RMU when beginning the planning and permitting processes for developments in Rolla. RMU will examine your project in relationship to existing facilities and work with you to route electric utilities to your project.

Electric facilities within a subdivision may be installed underground. Street crossings are installed before paving and the Owner shall coordinate the entire process to minimize delays. RMU Staff will install the conduit, conductors, transformers, and street lights. If circumstances dictate, overhead electric construction will be installed by RMU Staff.

The Owner of Non-Residential property is required to install the -primary total conduit system within the boundaries

of the development project. Transformer pad construction requirements are shown in *Detail #15 or #16*, which should be secured from RMU when first considering such development plans.[CD36.1]

RMU will not begin installation of electric distribution lines in a subdivision until the area between the curb and five feet beyond the property line is to final grade. Sewer lines must be installed, and the lot corners must be indicated by survey markers. All clearing of easements shall be the sole responsibility of the Owner. In preparing the right-of-way, trees shall be removed, underbrush cleared and trees trimmed so that the right-of-way shall be clear from the ground up and of the width required. Trees fronting each side of the right-of-way shall be trimmed symmetrically unless otherwise specified. Dead trees beyond the right-of-way, which in the act of falling would strike any electric line, shall be removed. Leaning trees beyond the right-of-way, which would strike any electric line (or within 5 feet of the outside conductor), are considered "Danger Trees". These danger trees could require topping or complete removal. Shade, fruit, or ornamental trees shall be trimmed and not removed unless otherwise authorized.

RMU installs new electric facilities curbside within a dedicated easement. RMU reserves the right to install electric facilities in other locations at the request of the Owner. All modifications may be subject to increased cost and is the responsibility of the Owner.

10. SYSTEM ALTERATION AND CONVERSION

10.1 CONVERSION OF EXISTING SYSTEM

All relocations and/or alterations of existing overhead and underground lines and equipment will be accomplished at the expense of the Owner initiating the request on an estimated cost basis. The Owner will be required to provide all necessary easements and right-of-way without cost to RMU. The request must be submitted allowing ample time for RMU to investigate, engineer, schedule, and construct the alterations. All relocation and/or alteration requests should be made to RMU. The Owner will pay the actual cost for completion of the work.

10.1.1 CONVERSION OF SINGLE RESIDENTIAL OVERHEAD SERVICE TO UNDERGROUND - In the event that a Owner requests conversion of the service conductor from overhead to underground, the Owner must convert his service entrance equipment from overhead to underground and install his service lateral conductor. This conversion must be approved by the appropriate inspection authority.

RMU will place a pedestal within five (5) feet of an RMU pole, remove the overhead service and install underground secondary conductor to the pedestal. The Owner, at his own expense, is responsible for digging the ditch from his service equipment to the new pedestal site. The Owner will place the conduit, ells, and conductor from the Owner's service equipment to the pedestal. The Owner will be responsible for closing the ditch and re-landscaping. The Owner will assume all costs incurred in conjunction with conversion including replacing fences, sod, trees, shrubs, other landscaping items, and the repair of damages to, or the remodeling of, building structures.

10.1.2 SINGLE-PHASE TO THREE-PHASE CONVERSIONS - RMU will rebuild its single-phase facilities to accommodate a three-phase service under the following conditions:

- a. Revenue generated from the addition of the three-phase load will justify the cost of rebuilding the facilities to three-phase.
- b. Owners who request three-phase service pay the cost of rebuilding the facilities to three-phase.
- c. A combination of the above conditions.

10.2 LINE EXTENSION REQUIREMENTS

Extension of distribution or transmission facilities to a point of delivery to the Owner will be made subject to the current RMU scheduling and RMU Staff availability.

11. DIAGRAMS

The Detail Sheets contained herein illustrate items of text and some typical service and meter arrangements. Further detail on these and other types of service arrangements may be obtained from RMU. All installations must comply with these specifications, local ordinances, current NEC, and other requirements. Where the term "approved ground" is used, refer to Section 6.6.

ROLLA MUNICIPAL UTILITIES

Rolla Board of Public Works Agenda

MANAGER: Jason Bell, Water Superintendent

ACTION REQUESTED: Approve purchase of two well pumps

ITEM/SUBJECT: Well pump replacement

BUDGET APPROPRIATION: \$200,000

DATE: 07/28/2026

COMMENTARY:

Wells #7 and #8 currently have submersible pumps that require replacement due to operational needs. Management solicited bids for the purchase and installation of both replacement pumps and recommends awarding the project to the lowest qualified bidder, Flynn Drilling Company. Management requests Board approval to purchase and replace both well pumps at a total cost of **\$67,772.00**.

Rolla Municipal Utilities' Bid Tabulation Sheet

Wells 7 & 8 Services

Company Name	Notes	TOTAL BID
Flynn Drilling Company PO Box 862 Rolla, MO 65401 573-341-8444	60 Hp Submersible Motor Grundfos 230S600-19 Pump End Labor to complete	\$33,886 each
Layne Christensen Co. 2399 Cassens Drive Fenton, MO 63026 636-343-3700	Pump, Motor, Airlines	\$37,308 each

This bid is awarded to _____ in the amount of \$ _____

Approved by the Rolla Board of Public Works on: _____ Signature: _____

Accounting Purposes Only
Account Number(s): _____