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TO: Commissioners McRae, Barofsky, Schlossberg, Brown, and Carlson  
FROM: Frank Lawson, CEO & General Manager  
DATE: July 31, 2024 (August 6, 2024, Board Meeting)  
SUBJECT: 2024-Q2 Quarterly & Year-to-Date Report  
OBJECTIVE: Information

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**Issue**

Management presents updates on operations and strategic initiatives to the Board on a quarterly basis via the attached report.



Eugene Water & Electric Board

Quarterly Report

2024 – Q2  
(Year-to-Date)

Frank Lawson, CEO & General Manager

Executive Team, Q2-2024

Rod Price, Asst. Gen. Mgr./ Acting Workforce Officer

Deborah Hart, Asst. Gen. Mgr./Chief Financial Officer

Brian Booth, Chief Energy Resource Officer

Karen Kelley, Chief Operations Officer

Travis Knabe, Chief Information Officer

Julie McGaughey, Chief Customer Officer

Anne Kah, GM Office Administrative Services Mgr.

*Data in this report is preliminary and unaudited.*



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## Introduction

Management is pleased to provide this quarterly report summarizing our financial position, reviewing impactful events, highlighting our ongoing day-to-day operations, and providing an update on strategic progress. As the 2024 Organizational Goals, approved by the Board in January, represent both operational and strategic endeavors, this report uses these goals as the basis for its content.

## Executive Summary

Overall, many of the electric utility's year-to-date operational key performance indicators (metrics) are still being influenced by the February ice storm, although the second quarter was closer to "normal".

While the first quarter resulted in significant unfavorable financial variance to budget for the electric utility, the second quarter showed some recovery. At the end of Q1, the electric utility's change in net position (i.e., net income) was a decrease (negative) of \$5.4 million, while at the end of Q2 it moved to an increase (positive) \$200,000. Relative to budget, the second quarter realized a \$6.6 million improvement, mostly driven by \$5.7 million of favorable operating expenses.

Although water utility budgets and performance metrics are seasonally adjusted, with the significant consumption period being the third quarter, the water utility continues to show strong performance in most operational measurements and significant strategic projects. Financial results for the first half of the year were favorable. Water year-to-date operating revenue ended the quarter at \$22.2 million, favorable by \$1.5 million to budget. Operating expenses were \$1.0 million unfavorable to budget at \$21.9 million. Overall, a year-to-date \$1.9 million increase in net position was \$2.0 million favorable to the budgeted \$123,000 decrease in net position for the year.

EWEB is making appropriate progress and is on target to achieve many of our 2024 organizational goals including most operational targets associated with reliability, significant capital projects including the Currin Substation and Base-Level Water Storage/Reservoirs, EWEB's Enterprise Solutions (modernization of financial and customer information systems), and integrated resource (energy) planning actions. Organizational goals associated with evolving workforce development, rate design, and refinement of alternative financing (grants) processes will see increased activity in the second half of 2024.

Financial (electric utility) and compliance challenges continue in some areas, with staff continually assessing and adjusting to improve or progress.

Frank Lawson  
CEO & General Manager

The following dials are used to represent overall goal status.



### Goal 1 – Ongoing Operational Efficiency & Effectiveness

*As a prerequisite to our strategic initiatives and in support of our business priorities, EWEB will maintain/improve the ongoing operational efficiency and effectiveness of the organization while maintaining/improving compliance with regulations, statutes, policies, and values, as demonstrated through established key performance indicators (KPIs), metrics, key milestones for Type 2 and 3 projects (e.g. AMI, Base-Level Water Storage, Alternative Water Source, etc...), and including incorporating selective aspects of the 2023-adopted Board Policies SD22 (Resiliency) and SD23 (Diversity, Equity, and Inclusion).*



#### Governance

During the second quarter, EWEB’s Board of Commissioners approved a supplemental bond resolution authorizing the issuance of Electric Utility system revenue and refunding bonds. The Board also directed management on the allocation of reserve funds and transfers, as well as approved amendments to EWEB’s Financial Policies calling for an increase to some of the reserve targets to ensure they are reasonable to cover the intended risks. Commissioners authorized updates to several fees, rates, and charges to ensure that the customers and parties who incur those costs are charged accordingly. They also began the annual budget cycle by providing direction on the Utility’s long-term financial and capital plans.

#### Consumption

Retail and wholesale consumption for electricity and drinking water, as compared to previous years (year-to-date) and the budgets assumption, are presented in Tables 1-1 and 1-2 below.

*Table 1-1: Electricity Consumption (MWh)*

Segment	Quarter	Year-To-Date	3-Year Avg. (YTD)	Budget (YTD)	YTD Actual vs. Budget
Retail Electric – Residential	191,643	488,104	516,083	504,193	(16,090)
Retail Electric – Commercial	197,906	406,783	413,938	430,200	(23,417)
Retail Electric – Industrial	118,392	233,571	242,573	229,376	4,196
<b>Retail Electric – Total</b>	<b>507,942</b>	<b>1,128,459</b>	<b>1,172,594</b>	<b>1,163,770</b>	<b>(35,311)</b>
Wholesale Electric	332,710	568,080	789,332	750,635	(182,555)
<b>Total Electric</b>	<b>840,652</b>	<b>1,696,538</b>	<b>1,961,926</b>	<b>1,914,405</b>	<b>(217,866)</b>

(Unfavorable)

*Table 1-2: Drinking Water Consumption (KGals)*

Segment	Quarter	Year-To-Date	3-Year Avg. (YTD)	Budget (YTD)	YTD Actual vs. Budget
Retail Water – Residential	978,892	1,520,239	1,574,740	1,334,953	185,286
Retail Water – General Service	905,147	1,487,247	1,461,442	1,268,710	218,537
<b>Retail Water – Total</b>	<b>1,884,039</b>	<b>3,007,486</b>	<b>3,036,182</b>	<b>2,603,663</b>	<b>403,823</b>
Wholesale Water	114,563	230,917	247,661	244,341	(13,424)
<b>Total Water</b>	<b>1,998,602</b>	<b>3,238,403</b>	<b>3,283,843</b>	<b>2,848,004</b>	<b>390,399</b>

Favorable



Financial

EWEB is required by law to separate the finances of the electric utility and water utility. Appendices A and B of this report present preliminary unaudited results for the quarter and year-to-date, along with other financial strength metrics consistent with Board policies.

*Electric Utility*

The electric utility saw significant variance from budget because of impacts from a regional ice storm in late January, along with average mild weather at most other times during the year decreasing consumption. Electric operating revenue ended the second quarter at \$150.5 million, unfavorable by \$16.8 million to budget, \$13.2 million of the variance occurring in Q1. Year-to-date operating expenses are \$5.7 million favorable to budget at \$152.9 million, a recovery from an unfavorable \$4.3 million in Q1.

Overall, a \$200,000 increase in year-to-date net position was \$11.7 million below the budgeted \$11.9 million increase in net position for the year, a significant improvement compared to the \$5.4 million decrease in net position in Q1. The Working Capital and Rate of Return metrics are outside of Board targets due to the unfavorable impacts from the ice storm. FEMA funding has been allocated to address restoration costs, and reimbursement is anticipated by early next year. Notable in June was the issuance of \$64 million in municipal bonds to fund capital investments. This pushed the Debt as a % of Net Book Value metric outside of Board target. It is anticipated it will return to target range within a year as significant capital investment projects are commissioned.

*Water Utility*

The water utility’s major consumption occurs during the drier months, especially in Q3. Financial results for the first half of the year were favorable. Water year-to-date operating revenue ended the quarter at \$22.2 million, favorable by \$1.5 million to budget. Operating expenses were \$1.0 million unfavorable to budget at \$21.9 million. Overall, a year-to-date \$1.9 million increase in net position was \$2.0 million favorable to the budgeted \$123,000 decrease in net position for the year.

Safety

Year-to-date Key Performance Indicators (KPIs) continue to be impacted by the extraordinary conditions of the January ice storm.

EWEB’s recent focus has been on improving EWEB’s Public Safety presence. Recipients of the training include First Responders, Construction, and Schools, along with high voltage safety training for ODOT, City of Eugene, and the American Society of Safety Professionals.

Statistically, OSHA cases per 100k tracked lower than the 3-year average. OSHA time loss days are trending higher due to injuries sustained in 2023 that carried over to 2024.

Table 1-3: Enterprise Safety

Performance Measure	Result	Result	3-Year Average	Vs. 3-Year Average
	Quarter 2	Year-To-Date		
Exposure Hours (EH) in Hours	292,574	553,681	476,967	76,714
OSHA Cases per 100K (EH)	1.03	1.26	1.47	0.21
OHS Time Loss Days	109	209	19	(190)
“Good Catch” Reports	74	137	112	25

## Reliability

EWEB values the “ongoing continuous on-demand delivery of drinking water and electricity, and the dependability of our response to our customers.” EWEB monitors the reliability of our services including Electricity, Drinking Water, Customer Service and Support/Customer Program Delivery, Customer Building & Renovation Projects, and progress on significant Capital Investments Projects.

### Electricity “Source-to-Switch”

EWEB evaluates electric reliability from “Source-to-Switch”, including electricity acquisition and generation, transmission, and distribution (delivery). Indicators representing the ongoing management of assets and resources for the Source-to-Switch delivery of electricity are shown below.

Federal water being managed by EWEB for hydroelectric generation allocation is trending below budget year to date and is forecasted to be 84% of normal generation for the water year. The majority of the Columbia basin is experiencing below-normal precipitation levels and warmer temperatures which has influenced hydro generation substantially.

EWEB owned hydro conditions are trending above forecast at 104% of normal generation through Q2. This is above budget even with Waltherville hydro project forecasted to remain offline until this October.

Table 1-4: Water Availability/Forecast for Hydroelectric Generation

Performance Measure	Quarter 2	Year-to-Date (Calendar)	Year-to-Date (Water year)	Forecast - Summer	Forecast-Water Year (October)	Previous Water Year End
Water Availability - Columbia Basin (% of Mean)	75%	75%	76%	81%	77%	76%
Water Availability - Columbia Basin (% of Budget)	84%	84%	85%	90%	86%	84%
Water Availability - McKenzie Watershed (% of Mean)	104%	104%	106%	121%	108%	87%
Water Availability – McKenzie Watershed (% of Budget)	116%	116%	118%	134%	120%	97%

Table 1-5: EWEB Generation Reliability (Availability)

Performance Measure	Quarter	Year-To-Date	Target
Availability Factor (%)			
Wind	95.97	95.10	>90
Hydro*	76.15	65.66	>90
Thermal	63.75	75.13	>90
Forced Outage Factor (%)			
Wind**	N/A	N/A	<3
Hydro*	8.63	8.07	<3
Thermal***	0	6.74	<3

Availability Factor (AF) = % of time generating units are available to produce power

Forced Outage Factor (FOF) = % of time generating units are unavailable due to unplanned outages

\*Low AF and high FOF at hydro resources are driven by transmission line outages during January ice storm, Waltherville emergency dewatering, and complications with Carmen-Smith Unit 2 rehabilitation

\*\*FOF is not a standard metric for wind generation

\*\*\*Year to date FOF driven by January ice storm

EWEB’s electricity delivery metrics of cumulative annual system interruption frequency by customer (SAIFI) and system outage duration by customer (SAIDI) are within the 5-year average for the quarter. It is notable that the SAIDI started out higher than the historical average due to the ice storm and associated damage, however the trend for outage duration in Q2 has leveled out to a more historical level and is now at the high end of the 5-year band. Both remain under the comparable utility average benchmark. The SAIDI will be monitored and operational emphasis on managing outage duration will be present the remainder of the year through system configuration, staff availability, vegetation maintenance and equipment replacement, as this metric has the risk of raising above the 5-year average customer experience. Available data for the Average Electrical Outage Restoration Time (CAIDI) is

currently showing that EWEB is above 5-year historical and available benchmarking for comparable utilities. Staff are currently confirming data quality and benchmark data and will be assessing business need for lowering this metric once confirmed. Vegetation Management in number of line miles trimmed per quarter was only one mile off of target, which is an achievement considering historical staffing contractor availability issues, post storm emergent trimming requirements, and increased inspection and trimming work due to Wildfire Mitigation Plan requirements. The vegetation program is performing well for the quarter, however overall is 3 months behind on the routine schedule due to Q1 work related to ice storm and post storm trimming on the Urban, Upriver and Carmen lines. The backlog is trending positively and expected to be on target by the end of the year. For Q2, about half of the tracked preventative maintenance tasks were in good standing. Staff will assess risk on PM tasks that are behind and determine risk of developing backlog and if recoverable by YE considering other priorities around Compulsory and Strategic work.

Table 1-6: Electric (Source-to-Switch) Reliability

Performance Measure	Result	Result	Target	vs. Target	Benchmark (Annual)
	Quarter	Year-To-Date			
SAIFI (Events)	0.02	0.15	<0.27	0.12	0.82
SAIDI (Minutes)	4	33	<34	1	86
CAIDI (Minutes)	200*	200	140**	(47)	105
<b><i>Preventative Maintenance</i></b>					
PM Tasks Completed (%)	54%***	NA	TBD	TBD	TBD
Vegetation Management (Line Miles)	68	125	140	(15)	N/A****

SAIFI = System Average Interruption Frequency Index

SAIDI = System Average Interruption Duration Index

CAIDI = Sum of customer interruption time/Total number of customer interruptions

\*CAIDI Data is not a cumulative number but is a rolled-up average throughout the year.

\*\*CAIDI April and May saw 75 minutes and 243 minutes with only quarter ending June shown in the table. Target is relative to EWEB's 5-year average performance.

\*\*\*Represents percentage of tracked preventative maintenance work queue metrics in good standing (on target). Percentage is a quarterly status and not applicable to a cumulative year to date KPI.

\*\*\*\*Tree trimming benchmarking is not relevant due to unique characteristics of system configuration, location and staffing utility to utility.

### *Drinking Water "Source-to-Tap"*

EWEB evaluates drinking water reliability from "Source-to-Tap", including watershed condition, production (acquisition and treatment), delivery (transmission, storage, distribution) and water quality (customer feedback). Indicators representing the ongoing management of assets and resources for the Source-to-Tap delivery of drinking water are shown below.

Drinking water production (acquisition and treatment) levels for the second quarter were normal for this time of year, with no anomalies to report. Water production and treatment conditions were average for Q2 of 2024. One weather event, around May 5th, increased source water turbidity (NTU) to just above 10 but created no issues for operations. Staff and Operations are prepared for increasing demands into the next quarter.

One (1) boil water notice occurred during Q2 due to a contractor damaging an EWEB water main. The contractor broke the water main, then isolated it. During the isolation, OHA Best Management Practices (BMP) were not adhered to by the contractor. This triggered a boil water notice. The boil water notice was lifted 24hrs later after samples came back negative for coliform.

Eighteen (18) water quality complaints were received in Q2, with thirteen (13) for dirty water, five (5) taste and odor related, of which one (1) was for a high chlorine taste. Customers were contacted to assess each situation and to alleviate any concerns.



Table 1-7: Water (Source-to-Tap) Reliability

Performance Measure	Result	Result	Target	vs. Target	Benchmark
	Quarter	Year-To-Date			
Source – Cyanotoxin Detections	0	0			
Treatment – Highest Finished Water Turbidity (NTU)	0.045	0.045	<0.30 MCL	Compliant	<0.30 MCL
Delivery – Line Breaks/100 Miles of Pipe	3.5	7.5	15.7	8.2	15.7/Year
Delivery – Unplanned Customer Outages	10	27	62.5	35.5	62.5
Delivery – Average Outage Duration (Minutes)*	109	72	106.6	-2.4	n/a
Delivery – EWEB caused Boil Water Notices (#–Duration)	0	0	0	0	n/a
Tap – Water Quality Complaints	18	29	n/a	n/a	n/a
<b>Preventative Maintenance</b>					
PM Tasks Completed xx/yy (%) **	68%	74%	100%	(26%)	TBD
PM – Valve Exercising (2-12")	478	683	5000/yr	4137	20% of total valves
PM – Valve Exercising (16-20")	286 (98%)	286 (98%)	293/yr	7	100% annually
ADDITIONAL PM TO BE ADDED					

\*5-year average

\*\*Represents percentage of tracked preventative maintenance work queue KPI metrics in good standing (on target)

*Customer Service and Response/  
Customer Program Delivery*

In Q2 the Contact Center had an Average Speed of Answer (ASA) of 37 seconds, easily meeting our 90-second goal, while in May 2024 we had our best month in the last 12 months with a 22 second ASA. Although our current YTD number is outside the 90-second SLA due to challenges in Q1, if the current level of productivity is sustained, the call center is on track to meet the 2024 ASA goal. The year-to-date response to customer inquiries is shown in the table shown below.

Table 1-8: Customer Assistance Response

Performance Measurement	Opportunities	Goal	Actual	Achievement	Opportunities	Achievement
	Q2 2024 YTD			Q2 2023 YTD		
Customer Calls (Average Speed to Answer)	68,515	<90 Sec.	110 Sec. (37 Sec./Q2)	74%	61,635	92%
Website/Email	5,126	1 Bus. Day	1 Bus. Day	100%	6,879	100%

Table 1-9: Energy Efficiency & Conservation

Performance Measure	Projects	MWh Saved	Projects	MWh Saved	Annual MWh Target	Progress to Target	Incentives	Cost/MWh Saved
	Quarter		Year-To-Date					
Residential	526	777	951	1,362	2,500	54%	\$1,248,300	\$920
Residential (Limited Income)	64	89	95	121	300	40%	\$520,544	\$4,300
Residential (Rental)	164	354	323	652				
Commercial/Industrial	14	1,054	37	2,516	9,000	28%	\$510,643	\$200
Total Program	540	1,831	988	4,651	11,800	39%	\$1,758,943	\$380
Total Peak Reduction (MW)		0.34		1.026	1.35	76%		



Table 1-10: Water Efficiency & Conservation

Performance Measure	Projects	KGal Saved	Projects	KGal Saved	Incentives	Cost/ KGal Saved	KGal Saved	Vs. Prior Year (%)
	Quarter		Year-to-Date			Prior YTD		
Efficiency	50	446	79	829	\$6,549	\$7.90	669	124%
Line Replacement	3	350	8	1,704	Loan(s)	Loan(s)	5,938	29%
Leak Repair (Limited Income)	4	388	13	1,611	\$30,654	\$19.03	3,270	49%
Total Program	57	1,184	100	4,144	\$37,203	\$8.98	9,877	42%
Leak Detection	2,014	43,019	3,336	77,639			56,744	137%
Total Conservation		44,203		81,783			66,621	123%

*Customer Building & Renovation Projects*

EWEB received 36 requests for new water service in Q2, compared to 24 last quarter. Construction took an average of 8.7 days in the quarter, much faster compared to last year’s average of 14 days.

EWEB received 555 inquiries in Q2 for new or modified electric service, which is 13% lower than the 3-year average. The average wait time for an assigned designer in the queue once a deposit is received is 6 weeks for Q2 with the 3-year historical average at 7.5 weeks. Average design time and time waiting on Customer is not currently tracked, however staff are investigating available data with existing systems to monitor end to end process time. Construction start once assigned to crews from the design team to start construction averaged a 2-week lead time.

Table 1-11: Building & Renovation Response **(PLACEHOLDER - TARGETS AND METRICS BEING ESTABLISHED)**

Category (all measurements in days)	Total Days to Execute (Initial Contact – Completion)	Waiting on Customer, Quarter	Net Days to Execute (EWEB Fulfillment Time)	Net Days to Execute (EWEB Fulfillment Time)	Previous Year
	Quarter			Year-To-Date	
Electric					
Water					

*Significant Updates to Capital Investment Projects*

According to Board Policy EL-1, Financial Controls, staff will provide the Board with quarterly updates for all current year projects on the Capital Improvement Plans. Appendix C and D are intended to fulfill this requirement. Additionally, Appendix E provides specific financial and project status for larger Type 2 and Type 3 projects. Type 1, General Capital, is budgeted year-by-year for recurring capital expenditures from January through December and includes categorized projects individually less than \$1 million. Type 2 projects have “discrete” scopes and schedules and are anticipated to cost over \$1 million during the life of the project which may span several years. Type 3 projects are large strategic projects with long-term impacts and are generally bond funded.

**Goal 2 – Compliance Adherence**

*In order to maintain/improve business operations, EWEB will improve our compliance adherence by making continuous progress on a) EWEB’s Owner’s Dam Safety Program (ODSP) and b) Carmen-Smith Relicensing milestones, c) completing an on-site NERC audit and address all findings with timely approved mitigating actions, d) fulfilling the annual Oregon Public Utilities Commission (OPUC) inspection/correction milestones, e) completing the service line inventory required by the Lead and Copper Rule Revisions, and f) completing the analysis supporting the 2025 Water Master Plan in 2024.*



Table 2-1: Overall Goal Status

Goal Status	Not Started	Below Target	On Target	Above Target	Completed
Owner’s Dam Safety Program (ODSP)		✓			
Carmen-Smith License Fulfillment		✓			
On-Site NERC Audit					✓
OPUC Inspection/Corrections		✓			
Lead & Copper Rule Service Inspection			✓		
2025 Water Master Plan Analysis					✓

**EWEB’s Owner’s Dam Safety Program (ODSP)**

Per the Federal Energy Regulatory Commission’s Division of Dam Safety and Inspections (FERC D2SI) directive, the Walterville Canal remains dewatered following an unexplained spike in seepage in February. Repair concepts and associated costs have been identified. Two alternatives are currently under consideration, although construction in 2024 is unlikely. Near term risk reduction measures at Leaburg hydroelectric project are on hold pending FERC D2SI review and approval of the drilling program plan, originally submitted in March 2023. EWEB staff are prepared to implement the drilling plan once approved.

The final Trail Bridge Sinkhole Evaluation Report is complete and was submitted to FERC D2SI for review and approval in May. Both FERC D2SI and the Carmen-Smith Dam Safety Board of Consultants (BOC) have recommended a risk assessment to better understand the risk of the sinkholes causing a damaged state or failure of Trail Bridge Dam, evaluate whether the proposed Trap and Haul Facility increases the risk of failure, and identify opportunities to improve the Trap and Haul design to incorporate additional risk reduction measures. A five (5) day workshop with FERC D2SI staff, Subject Matter Experts, EWEB’s Consultants, and the BOC is scheduled for November. The results of this risk assessment will inform the next steps on the Trap and Haul design process.

Of the twenty-five (25) submittals due in the quarter, twenty (20) were completed on time. Submittals include the Final Trail Bridge Sinkhole Evaluation Report, Trail Bridge Sinkhole Risk Assessment Plan, and Dam Safety Surveillance and Monitoring Reports. Five Extension of Time Requests (EOT) were submitted, with only one (1) remaining outstanding.

EWEB’s Dam Safety Program is now fully staffed with the hiring of a regulatory specialist and engineering associate in May. Continuous improvement efforts for the department have resumed with the onboarding of replacement and expanded staff.

**Carmen-Smith License Fulfillment**

EWEB is tracking sixty-seven (67) separate projects that require some action in 2024 associated with the fulfillment of the Carmen-Smith operating license granted and regulated by the Federal Energy Regulatory Commission, Division of Hydropower Administration and Compliance (FERC DHAC). Of these projects, twelve (12) are complete and ten (10) are delayed, mostly due to dam safety issues and FERC



DHAC approval time. Delayed projects are primarily large, complex multi-year efforts, such as permanent fish passage at Trail Bridge Dam.

Table 2-2: Status of 2024 Carmen-Smith License Requirements by Management Plan

Management Plan*	Projects	Complete (%)	On Track (%)	Delayed (%)
Aquatics	28	5 (18)	14 (50)	8 (32)
Wildlife	10	5 (50)	5 (50)	0
Terrestrial Habitat	1	0	1 (100)	0
Vegetation	9	0	9 (100)	0
Water Quality	1	0	1 (100)	0
Recreation & Aesthetics	7	1 (14)	5 (71)	1 (14)
Transmission Line	1	0	1 (100)	0
Historic Properties/Cultural Resources	2	0	2 (100)	0
Roads, Waste, & Staging Areas	6	0	6 (100)	0
Required by all Plans	2	1 (50)	1 (50)	0
Total – All Mgmt Plans Combined	67	12 (18)	44 (67)	10 (15)

\*Several projects are required by multiple management plans but are shown only once in the table under the primary plan (Vegetation Mgmt Plan).

EWEB has responded to the three specific items that FERC DHAC requested in their April Order and continues to work to advance projects as quickly as possible, while also working to resolve dam safety issues. License required projects completed year to date include the creation of downed wood and standing snags for wildlife habitat on the transmission line and instream habitat improvements in the spawning channel. Installation of habitat structures in Trail Bridge and Smith Reservoirs is underway and expected to be completed by August 1.

EWEB continues to forecast cost increases in the Carmen-Smith project primarily due to significant escalation in material pricing, unfavorable bidding conditions, and increased regulatory requirements. The revised projections include updated construction cost estimates for the Smith Dam flow release, Carmen load bank, Trail Bridge Reservoir debris boom/boat ramp, Carmen Diversion flow release, and Smith Reservoir recreation facilities. Planning level cost estimates will be updated to reflect actual construction contract prices once bidding processes are complete.

North American Electric Reliability Corporation (NERC)

In the first quarter, EWEB was informed that the onsite NERC audit was cancelled due to the demonstration of a positive compliance history, applicability, controls, and culture. Prior to the cancellation, an internal controls audit was in progress which included a review of evidence, standards documentation, and audit readiness. EWEB has completed the controls audit and received recommended actions from the 3<sup>rd</sup> party consultant. Staff are currently evaluating these recommendations and completing updates where applicable.

Lead & Copper Rule (Safe Drinking Water Act)

Since the Safe Drinking Water Act was established in 1974, EWEB has never been non-compliant. In Q1 EWEB Water crews finished up critical Service Line Inventory work pertaining to new Lead & Copper Rule requirements. To comply with the rule, we are currently focused on final data cleanup and export to the Oregon Health Authority data management system by the October 2024 deadline. Ultimately, EWEB plans to make the service line inventory publicly available as required.

Oregon PUC (OPUC) Inspections/Corrections

The overall 5-year PUC replacement and renewal workflow is behind schedule by approximately one year. Staff submitted, and the Board approved several contracts recently to reduce the backlog including a contractor now completing designs to address compliance findings, an electrician contract to reduce non-compliant residence secondary wiring. Compliance inspections for the 2024 year for routine maintenance under OPUC and wildfire requirements are complete. Inspections for the 2025 year are underway with a 3<sup>rd</sup> party inspector and will be completed by end of Q3 and ready for processing and staging designs by the end of 2024 to ensure work continues at a pace to reduce the backlog.



**Goal 3 – Evolving Workforce Needs**

***In order to maintain/improve business continuity, optimize energy delivery, and improve resiliency, EWEB will work towards effectively recruiting and retaining a workforce that meets the organization’s evolving requirements by a) completing a Workforce and Labor Market Assessment in early 2024, b) using the Assessment and other resources like the results of the 2024 Employee Engagement survey to develop a set of short and long term action items by end of quarter 3, and c) begin implementing a defined set of recommended action items from the assessment.***



Table 3-1: Overall Goal Status

Goal Status	Not Started	Below Target	On Target	Above Target	Completed
Workforce/Labor Market Assessment					✓
Develop “Action Items”			✓		
Implement “Action Items”	✓				

EWEB’s Workforce Services Department has completed The Workforce and Labor Market Assessment, which includes a list of recommendations to review in conjunction with the Employee Engagement Survey. From that review a work plan is being created in the third quarter to begin implementing before year-end.

The Employee Engagement survey was proctored in February and results were received in March. Results were released to all employees in May, with drop-in discussion sessions occurring shortly after. The Executive Team and EWEB leadership are reviewing the results and determining action plans in partnership with McLean & Company, the survey administrator.

**Goal 4 – SAP Finance and Customer Systems “Go-Live” (EES, EWEB Enterprise Solutions)**

*In order to maintain/improve business continuity, optimize energy delivery, and improve resiliency, EWEB will develop and cultivate an information system, along with the processes and culture, that will enable the continuous modernization and improvement of financial, human, asset, work, and relationship management and support the evolving customer services needed to optimize product delivery by successfully “going live” with a new cloud-based Financial and Customer Information System in 2024.*



Table 4-1 : Overall Goal Status

Goal Status	Not Started	Below Target	On Target	Above Target	Completed
Scope			✓		
Schedule			✓		
Budget			✓		

The EES Project's scope, schedule, and budget are all on-track to support the end of year "go-live" of a new Customer Information System, Financial System, and Customer Portal. Presently, the target go-live date is December 2, 2024.

Much of the development and configuration of the system (Build) was completed in early Q2. The first full data conversion and load from existing legacy systems (Mock) and Integrated Test Cycle was completed with a high success rate. Nearly all preparation work including external vendor coordination and development was completed. This allows the EES Team to focus on future data loads and Integrated Test Cycles.

**Goal 5 – Rate Design Plan**

*In order to improve customer choice and business operations and to further optimize energy delivery, EWEB will develop a 5-year rate design plan for Board review and input in 2024. The rate design plan will include timelines for key initiatives required to enact said plan for the mutual benefit of the community, the environment, and the product/program participants. Key plan requirements are expected to include a) Cost of Service analysis (COSA) updates for both water & electric utilities to better reflect cost-causation principles and rate recommendations to enact the results, b) customer and internal stakeholder engagement, c) assessments of current and required systems to enable advanced rates, and d) optional rate and payment choices to match customer preference and support beneficial behavior such as smart electrification.*



Table 5-1 : Overall Goal Status

Goal Status	Not Started	Below Target	On Target	Above Target	Completed
Rate Design Principles			✓		
Draft 5-Year Rate Plan			✓		
2025 – 2027 Rate Proposal			✓		

EWEB Management will be working with Commissioners throughout 2024 on rate design issues and topics. Staff is in process of reviewing EWEB’s Rate Design Principles and will engage the Board in discussion in the August Board meeting. The Cost-of-Service Analysis for the years 2025 – 2027 is under review for Board discussion at October Board meeting. Before year end, an initial “straw proposal” draft of a 5-Year Rate Plan to align rate design strategy and timeline with interdependencies of meter replacement, information systems modernization, IRP and water Master Planning, customer communications will be developed.

**Goal 6 – 2023 Integrated Resource Plan “Actions”**

**Supporting EWEB’s priority to optimize energy delivery, EWEB will begin completing the “Actions” identified in the 2023 Integrated Resource Plan including a) leveraging the BPA “Provider of Choice” process to influence product design and inform a decision in 2025 that best serves EWEB’s customers, b) completing a Demand-Side Management Potential Assessment, c) engaging with major, local, customer-owned generators to determine future plans for these facilities and potential partnership opportunities, and d) completing the Market Evolution Impact Analysis.**



Table 6-1 represents the updated status of Goal 6, intended to track the actions associated with EWEB’s 2023 Integrated Resource Plan.

Table 6-1 2023 Integrated Resource Plan Action Items Status

Goal Status	Not Started	Below Target	On Target	Above Target	Completed
BPA “Provider of Choice”			✓		
Demand-Side Assessment			✓		
Engage Large Local Generators			✓		
Market Evolution Impact Analysis			✓		
New IRP Modeling Tools			✓		
Resource Acquisition Strategy	✓				

BPA “Provider of Choice” Product Decision(s)

Staff have fully engaged with BPA and regional partners in understanding and negotiating features of the new long-term contracts. BPA is requesting that decisions be made in June of 2025 and that new contracts be signed by that December. Staff will provide the board with regular updates with a preferred option in Q2 of 2025.

Demand-Side Potential Assessment

Lighthouse Energy Consulting has been selected to evaluate and measure the achievable potential of energy efficiency, electrification, demand response, and customer-owned solar generation in EWEB service territory over the 2024-2045 time period. Results are expected in two phases: Energy efficiency and demand response (Dec.2024); electrification and customer-owned solar generation (April 2025).

Engage Large Local Generators

EWEB’s agreement with International Paper has been extended through 2028. Initial discussions with Sierra Pacific (formerly Seneca Sustainable Energy) regarding an extension or replacement of the current contract have taken place and discussions with UO around on-site generation have been ongoing.

Market Evolution Impact Analysis

A gap analysis has been provided by Utilicast that identifies investments, processes, and staffing required for EWEB to participate in new markets and EWEB staff have conducted high-level estimates of the benefits that would be realized by bidding Carmen-Smith into said markets. EWEB is currently awaiting BPA’s formal announcement of a market selection along with completion of the 2024 Energy Resource Study and BPA product selection.

Develop New IRP Modeling Tools

Staff have acquired significant training in and have improvements to the existing Aurora model and are tuning the revised model now. Staff have also acquired training in and access to alternative tools, partnered in the development of these with peer utilities, and have built a new and complementary model to supplement Aurora.

Resource Acquisition Strategy

EWEB’s expects to commence this work as BPA product selection comes into focus.



### Goal 7 – Alternative Funding Opportunity

*In response to an external opportunity/condition, explore and leverage alternative financial resources (i.e., grants) that align with our business priorities and strategic initiatives by developing and launching a formal internal exploration, evaluation, and review process in 2024.*



Table 7-1: Overall Goal Status

Goal Status	Not Started	Below Target	On Target	Above Target	Completed
Develop/Launch formal internal process		✓			

EWEB staff are reviewing the grants program using a continuous improvement framework. Work performed in Q2 included identification and recognition of grant opportunities in distinct categories. These include:

- EWEB driven based on CIP projects
- EWEB driven projects supporting EWEB’s Strategic Plan though not yet in EWEB’s CIP
- Community driven grants requiring EWEB’s support

The tables below show EWEB grant applications and direct awards through Q2 2024.

#### Grants Received in 2024

Agency	Grant	Amount	EWEB Cost Share
Oregon Emergency Management	State Preparedness & Incident Response Equipment Grant	Equipment/Portable Water Tanker	N/A
United States Forest Service	Community Project Funds	\$1,000,000	N/A
US Department of Energy	Grid Resilience Innovative Partnership grant	\$3,127,531	50%

#### Grants Applied/Awaiting Outcome

Agency	Grant	Amount	EWEB Cost Share
Oregon Department of Energy	Grid Resilience Grant	\$1,220,625	33%
Oregon Department of Energy	Community Renewable Energy Grant*	\$1,000,000	N/A
Department of Energy	Section 247: Maintaining and Enhancing Hydroelectric Facilities	\$5,000,000	N/A

#### Upcoming Grant Opportunities with Applications in Development

Agency	Grant	Amount	EWEB Cost Share
Federal Emergency Management Agency	Public Assistance for January 2024 ice storm	\$8,000,000**	25%
Federal Emergency Management Agency	Building Resilient Infrastructure & Communities	TBD	25%

\*In partnership with Bethel School District

\*\*Final total amount to be determined



In addition, EWEB submitted letters of support benefitting state and county grant success:

- The Oregon Department of Environmental Quality was awarded **\$197 million** in funding from the EPA's Climate Pollution Reduction Grant, an Inflation Reduction Act program, to fund projects to reduce greenhouse gas emissions from transportation, buildings, food waste, and landfills.
- Lane County was recently awarded **\$19 million** from the EPA's Community Change Grant, an Inflation Reduction Act program, to develop resilience hubs in six different communities across the county (Eugene, Cottage Grove, Florence, Oakridge, Springfield, and Veneta).

# ELECTRIC UTILITY FINANCIAL STATEMENT (EL1) | Q2 2024

## APPENDIX A

### ELECTRIC CONDENSED STATEMENT OF REVENUES, EXPENSES, & CHANGES IN NET POSITION (Unaudited)

(In millions)

	Six Months Ended June 30,		YTD Budget Comparison	
	2024	2023	Budget \$	Variance
Operating revenues	\$ 150.5	\$ 151.4	\$ 167.3	\$ (16.8)
Operating expenses	152.9	143.8	158.6	5.7
Net operating income (loss)	(2.4)	7.6	8.7	(11.1)
Non-operating revenues	4.7	5.9	5.0	(0.3)
Non-operating expenses	3.9	3.5	3.3	(0.6)
Income (loss) before capital contributions	(1.6)	10.0	10.4	(12.0)
Capital contributions	1.8	1.1	1.5	0.3
Increase/(Decrease) in net position	\$ 0.2	\$ 11.1	\$ 11.9	\$ (11.7)

### ELECTRIC CONDENSED STATEMENT OF NET POSITION (Unaudited)

(In millions)

	June 30,		December 31,
	2024	2023	2023
Current assets	\$ 235.3	\$ 213.4	\$ 134.5
Net utility plant	451.4	429.4	443.2
Other assets	71.0	54.7	113.8
Total assets	757.7	697.5	691.5
Deferred outflows of resources	26.8	33.7	26.7
Total assets and deferred outflows	\$ 784.5	\$ 731.2	\$ 718.2
Current liabilities	\$ 36.7	\$ 39.2	\$ 40.1
Long-term debt	265.2	205.4	196.3
Other liabilities	62.4	57.2	62.0
Total liabilities	364.3	301.8	298.4
Deferred inflows of resources	12.4	24.0	12.2
Total net position	407.8	405.4	407.6
Total liabilities, deferred inflows, and net position	\$ 784.5	\$ 731.2	\$ 718.2

### ELECTRIC CONDENSED CAPITAL BUDGET COMPARISON (Unaudited)

(In millions)

	YTD	Annual Working Budget	
	6/30/2024	Budget \$	% of Budget
Type 1 - General capital	\$ 12.8	\$ 22.7	56.4%
Type 2 - Rehabilitation and expansion	11.3	23.0	49.1%
Type 3 - Strategic projects	3.3	24.3	13.6%
Total capital	\$ 27.4	\$ 70.0	39.1%

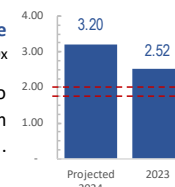
### FINANCIAL STRENGTH MEASUREMENTS

Target line

#### Debt service coverage

Target: 1.75 to 2.0x

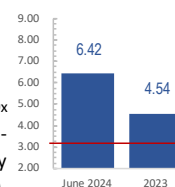
Measures the utility's ability to meet its annual long-term debt obligation.



#### Current ratio

Target: Minimum of 3.250x

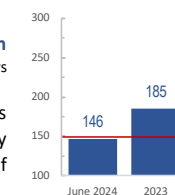
Measures the utility's short-term liquidity (ability to pay bills).



#### Working capital days cash

Target: Greater than 150 days

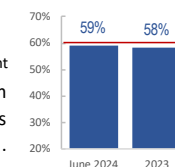
Estimates the number of days the utility can pay its daily O&M before running out of cash.



#### Age of system

Target: Less than 60 percent

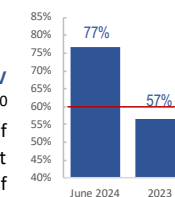
Measures age of system compared to how much has been depreciated.



#### Debt as a % of NBV

Target: Less than or equal to 60

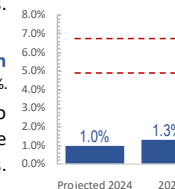
Measures overall leverage of the system by aligning debt service with the useful lives of assets.



#### Rate of return

Target: 5 - 7%

Measures the utility's ability to pay current and future infrastructure costs.



# WATER UTILITY FINANCIAL STATEMENT (EL1) | Q2 2024

## APPENDIX B

### WATER CONDENSED STATEMENT OF REVENUES, EXPENSES, & CHANGES IN NET POSITION (Unaudited)

(In thousands)

	Six Months Ended June 30,		Budget Comparison	
	2024	2023	Budget \$	Variance
Operating revenues	\$ 22,235	\$ 21,024	\$ 20,705	\$ 1,530
Operating expenses	21,869	19,234	20,870	(999)
Net operating income (loss)	366	1,790	(165)	531
Non-operating revenues	2,603	2,022	1,278	1,325
Non-operating expenses	1,984	1,281	1,964	(20)
Income (loss) before capital contributions	985	2,531	(851)	1,836
Capital contributions	918	1,172	728	190
Increase (decrease) in net position	\$ 1,903	\$ 3,703	\$ (123)	\$ 2,026

### WATER CONDENSED STATEMENT OF NET POSITION (Unaudited)

(In millions)

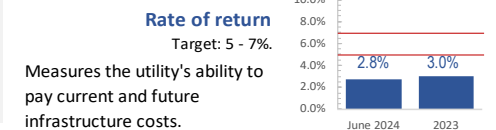
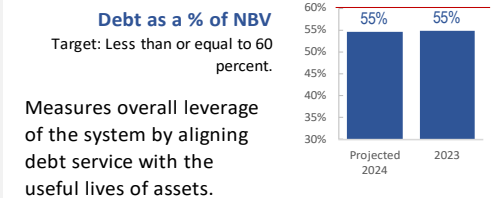
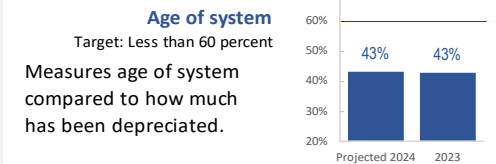
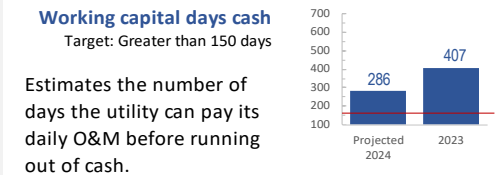
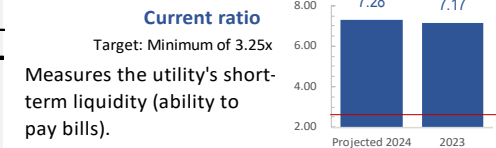
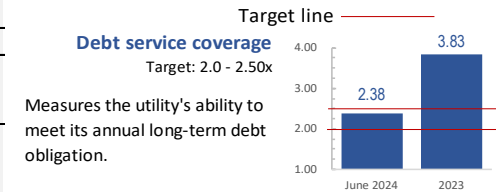
	June 30,		December 31,
	2024	2023	2023
Current assets	\$ 68.9	\$ 36.1	\$ 79.1
Net utility plant	265.6	241.8	257.4
Other assets	12.9	12.6	10.8
Total assets	347.4	290.5	347.3
Deferred outflows of resources	8.1	10.6	8.2
Total assets and deferred outflows	\$ 355.5	\$ 301.1	\$ 355.5
Current liabilities	\$ 9.5	\$ 6.8	\$ 11.0
Long-term debt	112.2	68.3	112.7
Other liabilities	19.7	18.1	19.6
Total liabilities	141.4	93.2	143.3
Deferred inflows of resources	3.6	7.5	3.6
Total net position	210.5	200.4	208.6
Total liabilities, deferred inflows, and net position	\$ 355.5	\$ 301.1	\$ 355.5

### WATER CONDENSED CAPITAL BUDGET COMPARISON (Unaudited)

(In thousands)

	YTD	Annual Working Budget	
	6/30/2024	Budget \$	% of Budget
Type 1 - General capital	\$ 4,486	\$ 11,210	40.0%
Type 2 - Rehabilitation and expansion	\$ 9,762	17,138	57.0%
Type 3 - Strategic projects	\$ 396	2,625	15.1%
Total capital	\$ 14,644	\$ 30,973	47.3%

### FINANCIAL STRENGTH MEASUREMENTS



# ELECTRIC UTILITY EL1 CAPITAL REPORT | Q2 2024

## APPENDIX C

	ANNUAL BUDGET		2024 ACTUAL	% OF BUDGET	YEAR-END PROJECTION
	APPROVED	WORKING			
<b>TYPE 1 - GENERAL CAPITAL</b>					
Generation Infrastructure	\$ 1,937,000	\$ 1,937,250	\$ 590,400	30%	\$ 965,000
Substation Infrastructure	2,966,000	2,966,250	830,700	28%	3,000,000
Transmission & Distribution Infrastructure	8,561,000	8,560,125	8,614,200	101%	13,547,782
Telecommunications	940,000	939,751	422,700	45%	934,300
Downtown Network	1,198,000	1,198,050	658,300	55%	1,599,500
Information Technology	4,039,000	4,039,190	296,000	7%	2,140,000
Buildings, Land, & Fleet	3,023,000	3,022,738	1,373,400	45%	3,002,900
<b>TOTAL TYPE 1 PROJECTS</b>	<b>\$ 22,664,000</b>	<b>\$ 22,663,354</b>	<b>\$ 12,785,700</b>	<b>56%</b>	<b>\$ 25,189,482</b>
<b>TYPE 2 - REHABILITATION &amp; EXPANSION PROJECTS</b>					
Buildings & Land	\$ 5,270,000	\$ 3,274,992	\$ 105,800	3%	\$ 3,275,200
Electric T&D - Master Plan	2,100,000	2,100,000	2,624,300	125%	4,997,600
Distribution Resiliency Upgrades	1,617,000	1,617,000	47,400	3%	400,000
Infrastructure - Generation	1,050,000	3,044,999	21,200	1%	1,675,000
Electric Meter Upgrade	3,961,000	3,961,440	1,955,500	49%	3,683,700
Information Technology	9,006,000	9,006,228	6,585,200	73%	14,495,500
<b>TOTAL TYPE 2 PROJECTS</b>	<b>\$ 23,004,000</b>	<b>\$ 23,004,659</b>	<b>\$ 11,339,400</b>	<b>49%</b>	<b>\$ 28,527,000</b>
<b>TYPE 3 - STRATEGIC PROJECTS &amp; PROGRAMS</b>					
Carmen-Smith Relicensing	\$ 24,255,000	\$ 24,255,000	\$ 3,258,000	13%	\$ 17,000,000
<b>TOTAL ELECTRIC CAPITAL PROJECTS</b>	<b>\$ 69,923,000</b>	<b>\$ 69,923,014</b>	<b>\$ 27,383,100</b>	<b>39%</b>	<b>\$ 70,716,482</b>

Type 1 - General Capital is budgeted Year-by-Year for recurring capital expenditures from January through December. Type 1 Capital includes categorized collections of projects of less than \$1 million, and typically involves dozens of individual projects that add up to \$3.5-4.5 million per year.

Type 2 projects have "discrete" scopes, schedules (launch through completion), and cost over \$1MM during the project life, and project life can span multiple years.

Type 3 projects are large strategic programs with long term impacts and are typically bond-funded.

# WATER UTILITY EL1 CAPITAL REPORT | Q2 2024

## APPENDIX D

	ANNUAL BUDGET		2024 ACTUAL	% OF BUDGET	YEAR-END PROJECTION
	APPROVED	WORKING			
<b>TYPE 1 - GENERAL CAPITAL</b>					
Source - Water Intakes & Filtration Plant	\$ 1,075,000	\$ 1,076,000	\$ 549,400	51%	\$ 1,260,000
Distribution & Pipe Services	4,852,000	7,154,001	3,139,100	44%	7,990,000
Distribution Facilities	3,290,000	987,000	605,100	61%	1,060,000
Information Technology	1,070,000	1,069,690	32,500	3%	502,000
Buildings, Land, & Fleet	923,000	923,093	160,400	17%	974,000
<b>TOTAL TYPE 1 PROJECTS</b>	<b>\$ 11,210,000</b>	<b>\$ 11,209,784</b>	<b>\$ 4,486,500</b>	<b>40%</b>	<b>\$ 11,786,000</b>
<b>TYPE 2 - REHABILITATION &amp; EXPANSION PROJECTS</b>					
Distribution Facilities	5,250,000	5,250,000	2,123,000	40%	6,600,000
Distribution & Pipe Services	6,510,000	6,510,000	3,487,000	54%	4,750,000
Buildings & Land	1,034,000	1,034,208	33,400	3%	1,034,000
Water Meter Upgrade	1,500,000	1,500,000	2,039,400	136%	2,500,000
Information Technology	2,844,000	2,844,072	2,079,500	73%	4,700,000
<b>TOTAL TYPE 2 PROJECTS</b>	<b>\$ 17,138,000</b>	<b>\$ 17,138,280</b>	<b>\$ 9,762,300</b>	<b>57%</b>	<b>\$ 19,584,000</b>
<b>TYPE 3 - STRATEGIC PROJECTS &amp; PROGRAMS</b>					
Emergency Water Supply	2,100,000	2,100,000	207,100	10%	400,000
Second Source	525,000	525,000	188,800	36%	500,000
<b>TOTAL TYPE 3 PROJECTS</b>	<b>\$ 2,625,000</b>	<b>\$ 2,625,000</b>	<b>\$ 395,900</b>	<b>15%</b>	<b>\$ 900,000</b>
<b>TOTAL WATER CAPITAL PROJECTS</b>	<b>\$ 30,973,000</b>	<b>\$ 30,973,064</b>	<b>\$ 14,644,700</b>	<b>47%</b>	<b>\$ 32,270,000</b>

Type 1 - General Capital is budgeted Year-by-Year for recurring capital expenditures from January through December. Type 1 Capital includes categorized collections of projects of less than \$1 million, and typically involves dozens of individual projects that add up to \$3.5-4.5 million per year.

Type 2 projects have "discrete" scopes, schedules (launch through completion), and cost over \$1MM during the project life, and project life can span multiple years.

Type 3 projects are large strategic programs with long term impacts and are typically bond-funded.

# CAPITAL SPENDING SUMMARY | Q2 2024

## APPENDIX E

In accordance with Board Policy EL1, staff will provide the Board with quarterly updates for all current year projects on the Capital Improvement Plans.

General Capital Renewal and Replacement projects (Type 1) will be reported by category (e.g., substations, shared IT infrastructure, transmission & distribution mains).

Infrastructure Rehabilitation & Expansion (Type II) and Strategic Projects (Type III) will be reported individually. Type II and III projects are further defined as those that are projected to be greater than \$1 million for the life of the project.

## ELECTRIC UTILITY AND SHARED SERVICES CAPITAL SPENDING SUMMARY

### TYPE 2 – REHABILITATION & EXPANSION (ELECTRIC AND SHARED SERVICES)

Shared Services project updates are provided within the Electric Utility Capital section below, but the project budget and costs are split between Electric and Water in Appendix C and D.

#### Currin Substation Rebuild

Currin Substation Rebuild: Project initiated early 2020 and construction in progress, expected to last through Mid-October 2024. Cost higher than estimate due to supply chain impacts and higher construction costs.

Project Initiation:	Jan-2020	Initial Scope Budget:	\$9,500,000
Initial Planned Completion:	Dec-2022	Actual Project Costs To-Date:	\$14,436,000
Projected Completion:	Oct-2024	Total Final Cost Projection:	\$15,988,000

#### Leaburg Canal Risk Mitigation (Near Term Risk Reduction Measures)

Project Initiation*:	Jul - 2021	Initial Scope Budget:	\$21,500,000
Initial Planned Completion:	Dec - 2028	Actual Project Costs To-Date:	\$2,560,500
Projected Completion:	Dec - 2028	Total Final Cost Projection:	\$29,400,000

\*Initial scope budget was developed prior to determining the long-term plan for the canal. The additional final cost will be offset by a reduction in O&M expenses related to decommissioning.

#### Bertelsen Property Development Phase 1

Construction of Phase 1 of the Bertelsen Property Development is underway. Completion is expected late Fall of 2024. A favorable bid was received for the project below the engineer's estimate including alternates for additional paving and water service line for required fire hydrants.

Project Initiation:	2023	Initial Scope Budget:	\$ 4,000,000
Initial Planned Completion:	2024	Actual Project Costs To-Date:	\$
Projected Completion:	2024	Total Final Cost Projection:	\$

# CAPITAL SPENDING SUMMARY | Q2 2024

## APPENDIX E

### TYPE 3 – CARMEN SMITH RELICENSING (ELECTRIC AND SHARED SERVICES)

#### Carmen-Smith License Deployment

The total final cost projection for Carmen-Smith License Deployment has increased by \$5 million relative to the 2024 Q1 projections. The primary driver is an updated construction cost estimate for the Carmen load bank, which was somewhat offset by favorable bid results on habitat and recreation projects currently under construction this summer.

Project Initiation*:	Nov - 2016	Initial Scope Budget:	\$139,000,000
Initial Planned Completion:	Dec - 2027	Actual Project Costs To-Date:	\$96,588,000
Projected Completion:	Dec - 2030	Total Final Cost Projection:	\$199,000,000

\*Difference between initial budget and final cost projection is primarily due to additional regulatory requirements, significant escalation in material pricing, and generally unfavorable bidding conditions.

### WATER UTILITY CAPITAL SPENDING SUMMARY AND PROJECT UPDATES

#### TYPE 2 – REHABILITATION & EXPANSION (WATER AND SHARED SERVICES)

Shared Services project updates are provided within the Water Utility Capital section below, but the project budget and costs are split between Electric and Water in Appendix C and D.

#### Distribution Facilities and Pipe/Services

The E. 40th Project, the Hilyard Transmission Main, the College Hill project, and the AMI Water Meter Project are listed below and included in this category on the EI-1 Report. No other significant Type 2 activity occurred in Q2 2024.

#### College Hill Storage Tanks and Pipelines

Project Initiation:	2023	Initial Scope Budget:	\$ 34,000,000
Initial Planned Completion:	Dec 2026	Actual Project Costs To-Date:	\$ 521,000
Projected Completion:	Dec 2026	Total Final Cost Projection:	\$ 34,000,000

#### E. 40<sup>th</sup> Project

Project Initiation:	2018	Initial Scope Budget:	\$ 10,250,000*
Initial Planned Completion:	Dec 2021	Actual Project Costs To-Date:	\$ 27,169,000
Projected Completion:	Dec 2024**	Total Final Cost Projection:	\$ 28,000,000

\*Difference between initial scope budget and final const projection reflects Board decision to accelerate second tank construction at the site and build two tanks with initial contract.

\*\*Tanks became operational in early Q1 2024, tank backfilling and site restoration will continue through 2024

#### Hilyard Street Transmission Main

Project Initiation:	2018	Initial Scope Budget:	\$ 4,600,000*
Initial Planned Completion:	2021	Actual Project Costs To-Date:	\$ 7,046,000
Projected Completion:	2024	Total Final Cost Projection:	\$ 11,000,000

\*Difference between initial scope budget and final cost project due to increases in scope of work (including addition of water main replacement ~\$1M), significant escalation in material pricing, unfavorable bidding conditions, and more extensive road restoration efforts than originally anticipated.



# CAPITAL SPENDING SUMMARY | Q2 2024

## APPENDIX E

### AMI Water Meter Upgrade

EWEB has deployed over 81% of Water AMI meters. We are targeting to completion of Water AMI deployment by year-end 2025.

Project Initiation:	2018	Initial Scope Budget:	\$ 17,564,000
Initial Planned Completion:	Dec 2021	Actual Project Costs To-Date:	\$ 18,730,000
Projected Completion:	2025	Total Final Cost Projection:	\$ 20,000,000

### TYPE 3 – STRATEGIC PROJECTS AND PROGRAMS

### Emergency Water Supply<sup>1</sup>

Construction of new emergency distribution sites is anticipated to end in 2024 with an anticipated 7 sites. End date is pushed back from year end 2023 due to delays in City/4J coordination for last two sites.

Project Initiation:	2018	Initial Scope Budget:	\$ 4,000,000
Initial Planned Completion:	2028	Actual Project Costs To-Date:	\$ 2,683,000
Projected Completion:	2024	Total Final Cost Projection:	\$ 3,000,000

### Willamette Treatment Plant

For the purposes of this report, 2021 is used as the start of the current second source efforts, primarily with respect to cost and budget tracking. Projected completion assumes permitting complete in 2026 followed by 2-3 years construction.

Project Initiation:	2021	Initial Scope Budget:	\$ 90,000,000*
Initial Planned Completion:	2027	Actual Project Costs To-Date:	\$ 1,056,000
Projected Completion:	2028	Total Final Cost Projection:	\$ 100,000,000

\*Difference between initial scope budget and final const projection primarily due to additional inflation added during 2023 CIP process.

<sup>1</sup> Emergency Water Supply reporting relates to City of Eugene's CAP2.0 action item R20 (install emergency water stations)



# CONTRACTS REPORT | Q2 2024

## APPENDIX F

Contract Execution Date	Contractor	City, State	Contract Title, Detailed Description	Expiration Date	Contract Amount	Contract Process	Executive Manager
04/08/24	David Evans and Associates	Portland, OR	Hayden Bridge Switching Station to Weyco 3 Transmission Line Rebuild	06/28/24	\$ 85,000.00	Direct Negotiation	Karen Kelley
04/18/24	USDA Forest Service	Springfield, OR	Fishing Regulation Enforcement & Outreach	01/31/25	\$ 52,050.00	Direct Negotiation	Karen Kelley
05/22/24	Schweitzer Engineering Lab	Pullman, WA	RTU Cabinet for Danebo Substation	03/28/25	\$ 48,670.00	Quotes	Tyler Nice
05/23/24	Chris Wright	Springfield, OR	As-Needed River Guide Services	05/31/29	\$ 80,000.00	Quotes	Karen Kelley
06/05/24	ODFW	Springfield, OR	TB Temp Traul and Haul	11/30/25	\$ 140,597.00	Direct Negotiation	Karen Kelley
06/11/24	Kestrel	Warrenville, IL	On-Call Compliance Testing & Reporting	06/01/29	\$ 149,000.00	Direct Negotiation	Karen Kelley
06/24/24	Cintas Corporation	Eugene, OR	Linen & Laundry Services	06/23/29	\$ 140,000.00	Cooperative Agreement	Karen Kelley
06/26/24	Jetco Machine and Fabrication LLC	Clarkston, WA	Fish Transport Tank and Install	08/16/24	\$ 44,700.00	Informal Quote	Karen Kelley

For questions please contact Quentin Furrow, 541-685-7380

# COMMUNITY INVESTMENT | Q2 2024

## APPENDIX G

As a customer-owned utility, community giving efforts are reserved for requests that closely align with the main priorities of EWEB's Board-adopted Strategic Plan:



- providing safe and reliable water and electricity to our customers,
- and helping our community be prepared and recover from emergencies.

# \$10,808,325\*

## Invested in Q1 and Q2

*\*Does not including Energy Efficiency loans, Water Truck deployments, Greenpower grant awards yet to be paid out/finalized, or volunteer/ambassador efforts and events.*

### INVESTMENT TYPE CATEGORIES



#### BOARD DIRECTED

Items that are funded through rates and specifically approved by the Board of Commissioners. Examples include education grants, limited income programs and system development charge (SDC) waivers.



#### CUSTOMER VOLUNTARY

Greenpower Program, an optional customer program that allows customers to support clean, sustainable energy and encourage renewable energy projects in our local community.



#### DISCRETIONARY

Projects, events, sponsorships and/or other requests of support from the community or industry directed to individual departments or the organization as a whole. Requests that provide strong alignment between EWEB's Strategic Plan are vetted through the General Manager's office for consideration.



#### MANDATORY

Because EWEB is a public agency, it is exempt from taxes. Instead, we contribute a portion of electricity sales revenue to the cities of Eugene and Springfield in the form of Contributions in Lieu of Taxes, or CILT.



#### OREGON CLEAN FUELS PROGRAM







Funding for all of EWEB's transportation electrification programs is made possible by the Oregon Clean Fuels Program.



# COMMUNITY INVESTMENT | Q2 2024




## APPENDIX G

### SPONSORSHIPS, DONATIONS, GRANTS & MUTUAL AID

<b>Q1-Q2 TOTAL \$280,678</b>		
	<b>EWEB ENERGY SHARE PROGRAM</b> <a href="#">SPARK Plant Sale</a> EWEB employees donated tomatoes, peppers, strawberries, fig trees, aloe, house plants, various miscellaneous veggies, and an assortment of herbs to be sold to raise money for EWEB's Customer Care (Energy Share) program.	\$407
	<b>EWEB ENERGY SHARE PROGRAM</b> <a href="#">6th Annual Golf Scramble "Fore" Employees</a> The event is open to EWEB employees and their guests. All proceeds go to EWEB's Customer Care (Energy Share) program.	\$1,557
	<b>EARTHSHARE, UNITED WAY OF LANE COUNTY, EWEB ENERGY SHARE, OUR CHILDREN OREGON, BLACK UNITED FUND OF OREGON</b> <a href="#">Employee Giving and Bake Sale</a> 05/06-05/17 – Each year, EWEB supports the employee giving campaign which provides employees the opportunity to support charities they care about through payroll deduction or one-time gifts. In total, employee gifts were designated to over 54 different organizations, including EWEB's Energy Share program. The total amount includes \$345 raised through an employee bake sale with proceeds going directly to EWEB's Energy Share Program.	\$17,048
	<b>JAN-JUNE 2024 EDUCATION GRANTS</b> <a href="#">Bethel School District</a> 05/02/24 - As a part of our commitment to education, we dedicate grant funds to school districts in our service area in support of water and energy curriculum and activities. Each year thousands of students benefit from the programs funded through EWEB's education grants.	\$40,500
<b>Q2 TOTAL</b>		<b>\$59,512</b>
	<b>JAN-JUNE 2024 EDUCATION GRANTS</b> <a href="#">Eugene 4J School District</a> <a href="#">McKenzie School District</a> <a href="#">Springfield School District</a> 03/14/24 - As a part of our commitment to education, we dedicate grant funds to school districts in our service area in support of water and energy curriculum and activities. Each year thousands of students benefit from the programs funded through EWEB's education grants.	\$130,000 \$11,000 \$24,500
	<b>NORTHEAST NEIGHBORS ASSOCIATION</b> <a href="#">Meeting</a> 03/05/24 - EWEB donated thirty-two (32) 3-gallon emergency water containers to meeting attendees. Approximate value is \$14 per unit.	\$448

# COMMUNITY INVESTMENT | Q2 2024

## APPENDIX G

	<p><b>HIV ALLIANCE<sup>1</sup></b>  <a href="#">2023 Electric Mobility Community Grant</a></p> <p>The Electric Mobility Community Grant program provides funding to non-profits, academic institutions, and public organizations to support transportation electrification projects that serve our community and customers. Special consideration is given to projects that advance electric mobility in underserved communities. Funding for these grants is made possible by the Oregon Clean Fuels Program. For the 2023 program year, eight projects were awarded grants, but one of them (HIV Alliance) needed additional time for the completion of its proposal evaluation and award; this pushed its award payment to be completed in Q1 2024. EWEB’s grant will support HIV Alliance in the purchasing a fully battery electric vehicle and charging station to help reduce fueling costs and offer a low-carbon emissions transportation option for their outreach efforts and the delivery of critical services they provide to our community.</p>	<p>\$39,790</p>
	<p><b>EUGENE 4J SCHOOL DISTRICT<sup>2</sup></b>  <a href="#">2024 EV Challenge</a></p> <p>The EWEB EV Challenge is an event where students from Bethel, Springfield and Eugene 4J school districts will engage in this electric vehicle (EV) engineering challenge at each of their sites. The EV component offers a real-life approach with today’s vehicle options and renewable energy to the challenge. The purpose of the project is to generate enthusiasm for science and improve students’ understanding of science concepts, particularly aerodynamics, design, transportation, renewable energy concepts, engineering, gravity, and friction. The EV challenge event will take place in late May or early June. Funding for this grant is made possible by the Oregon Clean Fuels Program.</p>	<p>\$15,078</p>
	<p><b>MCKENZIE FIRE &amp; RESCUE</b>  <a href="#">2024 Ice Storm</a></p> <p>EWEB donated twenty-five (25) 3-gallon emergency water containers for customers in need upriver. Approximate value is \$14 per unit.</p>	<p>\$350</p>
<b>Q1 TOTAL</b>		<p><b>\$221,166</b></p>

<sup>1</sup> EWEB’s 2023 E-Mobility Community Grant relates to the City of Eugene’s CAP2.0 for Transportation action items T24 and T36 (EV marketing and awareness).







<sup>2</sup> EWEB’s EV Challenge relates to the City of Eugene’s CAP2.0 for Transportation action items T24 and T36 (EV marketing and awareness).



# COMMUNITY INVESTMENT | Q2 2024

## APPENDIX G

### CUSTOMER SOLUTIONS PRODUCTS AND SERVICES

ENERGY EFFICIENCY INCENTIVES <sup>3</sup>		Q1	Q2	Q3	Q4	TOTAL Q1-Q2
	<b>EWEB ENERGY EFFICIENCY PROGRAMS</b> <b>Incentives – Residential</b> Q1 - 425 residential projects. Q2 - 526 residential projects.	\$558,333	\$689,535			\$1,247,868
	<b>EWEB ENERGY EFFICIENCY PROGRAMS</b> <b>Incentives - Non-residential</b> Q1 - 22 commercial projects. 1 industrial projects. Q2 - 11 commercial projects. 3 industrial projects.	\$212,643	\$297,525			\$510,168
	<b>EWEB ENERGY EFFICIENCY PROGRAMS</b> <b>Incentives - Efficient Growth</b> Q1 - 33 residential heating conversions. Q2 - 50 residential heating conversions.	\$21,800	\$34,200			\$56,000
	<b>EWEB ENERGY EFFICIENCY PROGRAMS<sup>4</sup></b> <b>Transportation Electrification</b> Q1 - 51 residential EV chargers, 141 electric bikes. 2 EVSE grants. 2 transportation electrification grants. Q2 - 65 residential EV chargers, 6 commercial EV Chargers, 332 electric bikes, 2 EVSE grants.	\$132,441	\$154,280			\$286,721
	<b>EWEB GREENPOWER PROGRAM</b> <b>Solar Electric Incentives</b> Q1 - 17 residential projects. Q2 - 28 residential projects.	\$19,391	\$52,917			\$72,308
	<b>EWEB WATER CONSERVATION PROGRAMS</b> <b>Hand Valve and Toilet Rebates, Septic Maintenance Incentives</b> Q1 - 27 efficient toilets, 25 hand valves and 15 septic pumping rebates. Q2 - 27 efficient toilets, 19 hand valves and 15 septic pumping rebates.	\$8,275	\$7,575			\$15,850




<sup>3</sup> The first three programs listed on this table (EWEB Energy Efficiency Programs for Residential and Non-Residential Incentives as well as Efficient Growth) relate to City of Eugene’s CAP2.0 Building Energy action item B12.




<sup>4</sup> EWEB’s energy efficiency programs related to transportation electrification relate to City of Eugene’s CAP2.0 Transportation action items T24 and T36 (EV marketing and awareness).

# COMMUNITY INVESTMENT | Q2 2024

## APPENDIX G

<b>TOTALS</b>	<b>\$952,883</b>	<b>\$1,236,032</b>			<b>\$2,188,915</b>
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<b>LIMITED INCOME ASSISTANCE<sup>5</sup></b>		<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>TOTAL Q1-Q2</b>
	<b>EWEB CUSTOMER CARE PROGRAM</b> <b>Limited Income Energy Assistance</b> Q1 - 1904 customers served through ECC program (\$533,205), 379 through Energy Share (\$61,455), and 20 through Community Partner Care (\$9,594). Q2 - 1064 customers served through ECC program (\$297,835), 299 through Energy Share (\$44,249), and 3 through Community Partner Care (\$2,000).	\$604,254	\$344,084			<b>\$948,338</b>
	<b>EWEB LIMITED INCOME ASSISTANCE</b> <b>Electric Line Repair Grants (Income eligible)</b> Q1 - 4 grants. Q2 - 1 grant.	\$11,235	\$2,470			<b>\$13,705</b>
	<b>EWEB WATER CONSERVATION PROGRAMS</b> <b>Water Line Repair Grants (Income eligible)</b> Q1 - 9 grants. Q2 - 4 grants.	\$27,836	\$13,315			<b>\$41,151</b>
<b>TOTALS</b>		<b>\$643,325</b>	<b>\$359,869</b>			<b>\$1,003,194</b>





<b>HOLIDAY FARM FIRE INCENTIVES AND GRANTS</b>		<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>TOTAL Q1-Q2</b>
	<b>WATER SOURCE PROTECTION</b> <b>Infrastructure/Homesite Relocation</b> Q1 - None Q2 - None	\$0	\$0			<b>\$0</b>
	<b>WATER SOURCE PROTECTION</b> <b>DEQ Holiday Farm Fire Grant</b> Q1 - 7 grants. Q2 - 4 grants.	\$79,908	\$75,100			<b>\$155,008</b>
	<b>WATER SOURCE PROTECTION</b>	\$69,687	\$40,850			<b>\$110,537</b>

<sup>5</sup> EWEB's Limited Income Assistance Programs relate to City of Eugene's CAP2.0 Building Energy action item B11.

# COMMUNITY INVESTMENT | Q2 2024

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	Lane County Holiday Farm Fire Grant Q1 - 7 grants. Q2 - 2 grants.					
	<b>REDUCE FIRE RISK / IMPROVE RELIABILITY</b> Relocate Overhead Electric Service to Underground Q1 - 1 project. Q2 - None	\$8,760	\$0			\$8,760
<b>TOTALS</b>		<b>\$158,355</b>	<b>\$115,950</b>			<b>\$274,305</b>

ENERGY AND WATER LOANS		Q1	Q2	Q3	Q4	TOTAL Q1-Q2
	<b>EWEB ENERGY EFFICIENCY PROGRAMS<sup>6</sup></b> Loans – Residential Q1 - 74 residential loans (including 9 for conversions to electric heat). Q2 - 108 residential loans (including 13 for conversions to electric heat).	\$707,489	\$973,168			\$1,680,657
	<b>EWEB WATER CONSERVATION PROGRAMS</b> Water Line Repair & Septic Repair/Replacement Loans Q1 - 5 water line replacement loans. Septic loans were not expected due to grants available. Q2 - 3 water line replacement loans. Septic loans were not expected due to grants available.	\$30,758	\$13,315			\$44,073
	<b>EWEB RESILIENCY PROGRAM</b> Generator Loan Program Q1 - 1 loan. Q2 - 1 loan.	\$4,000	\$1,400			\$5,400
	<b>EWEB ELECTRIC SERVICE LINE UPGRADE LOAN PROGRAM</b> Electric Service Line Upgrade Loan Program Q1 - 3 loans. Q2 - 2 loans.	\$7,001	\$11,265			\$18,276
<b>TOTALS</b>		<b>\$749,258</b>	<b>\$999,148</b>			<b>\$1,748,406</b>

<sup>6</sup> EWEB Energy Efficiency Programs relate to City of Eugene’s CAP2.0 Building Energy action item B12.





# COMMUNITY INVESTMENT | Q2 2024

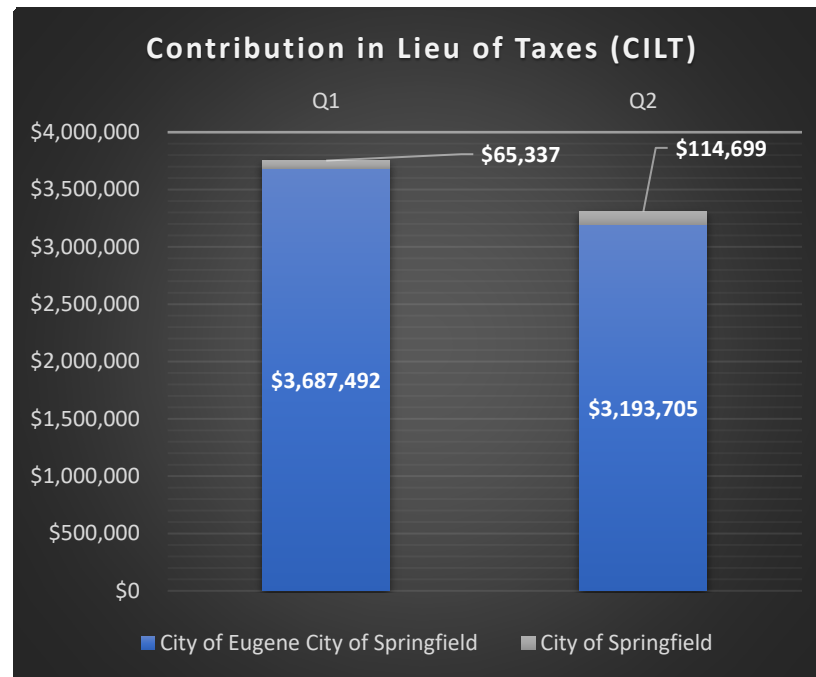
## APPENDIX G



### CONTRIBUTIONS IN LIEU OF TAXES (CILT)

**TOTAL through Q2 -  
\$7,061,233**

Q1-Q2	
City of Eugene	\$6,881,197
City of Springfield	\$180,036



# COMMUNITY INVESTMENT | Q2 2024

## APPENDIX G



### EWEB AMBASSADOR EFFORTS AND EVENTS (PAID)

<b>EWEB Ambassadors provided almost 460 hours of services to the Community this quarter.</b>	
<b>Q2</b>	<p><b>EUGENE EMERALDS</b>  <a href="#">Eugene Emeralds Baseball Game</a>                      06/30/24 - EWEB hosted a table at the Eugene Emeralds game to share information on EWEB programs and products.</p>
	<p><b>JEFFERSON WESTSIDE NEIGHBORHOOD ASSOCIATION</b>  <a href="#">Annual Summer Picnic</a>                      06/25/24 - EWEB staff provided information on College Hill Reservoir, EV and EE programs and more during the neighborhood picnic.</p>
	<p><b>CITY OF EUGENE TRANSPORTATION</b>  <a href="#">E-bike Expo</a>                      06/15/24 - EWEB staff provided information on e-bike and EV charging rebates, as well as energy efficiency programs and car sharing.</p>
	<p><b>HARLOW NEIGHBORHOOD ASSOCIATION</b>  <a href="#">Annual Neighborhood Block Party</a>                      06/15/24 - EWEB staff provided information on Currin Substation Rebuild, EV and energy efficiency programs and more during the neighborhood block party.</p>
	<p><b>OREGON SUSTAINABILITY BOARD</b>  <a href="#">Board Meeting</a>                      06/14/24 - EWEB presented to the Oregon Sustainability Board during their regular meeting about EWEB’s sustainability initiatives and investments in resilient energy supply and delivery.</p>
	<p><b>EUGENE 4J SCHOOL DISTRICT</b>  <a href="#">EWEB EV Challenge</a>                      06/06/24 - The event provides an opportunity for our local middle school science students to use engineering skills, scientific know-how, creative thinking, experimentation, and teamwork.</p>
	<p><b>COMMUNITY EVENT</b>  <a href="#">College Hill Reservoir Farewell Celebration</a>                      05/30/24 - EWEB bids a fond farewell to the College Hill Reservoir and welcomes the next steps in building new, modern drinking water storage tanks to serve our community's needs. Bring your skates, dancing shoes, and appetite to soak up one more evening together at the College Hill Reservoir before the site is fenced for demolition and construction, which is anticipated to begin in early June. Enjoy live music by Shelley James &amp; The Agents of Unity, tacos from El Pique Food Truck, and ice cream from Bubz Grub Hub, as well as opportunities to learn more about the project.</p>
	<p><b>EUGENE EMERALDS</b>  <a href="#">Eugene Emeralds Baseball Game</a></p>

# COMMUNITY INVESTMENT | Q2 2024

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<p>05/22/24 - EWEB hosted a table at the Eugene Emeralds game to share information on EWEB programs and products.</p>
<p><b>FRIENDLY AREA NEIGHBORS</b> <a href="#">Monthly Board Meeting</a> 05/21/24 - EWEB staff will provide an update on the College Hill Reservoir project.</p>
<p><b>SOUTH HILLS NEIGHBORHOOD ASSOCIATION (SHINA)</b> <a href="#">Meeting</a> 05/15/24 – EWEB staff will attend and provide information on wildfire mitigation and general Q&amp;A.</p>
<p><b>MCKENZIE COMMUNITY LAND TRUST</b> <a href="#">Blue River Rebuilding Block Party</a> 05/11/24 - EWEB and Pure Water Partners staff will be welcoming folks to their table to learn about programs for landowners including Naturescaping, funding available to repair or replace septic systems, and property assessments to help landowners improve habitat and watershed health.</p>
<p><b>EUGENE 4J SCHOOL DISTRICT</b> <a href="#">Tour of Hayden Bridge Water Filtration Plant</a> 04/25/24 - Day 2: 28 students touring Hayden Bridge as part of Rachel Carson Environmental Science Academy, Churchill High School</p>
<p><b>CAL YOUNG NEIGHBORHOOD ASSOCIATION</b> <a href="#">Meeting</a> 04/23/24 – GM Lawson and Commissioner Brown presented general state of the utility information.</p>
<p><b>EUGENE 4J SCHOOL DISTRICT</b> <a href="#">Tour of Hayden Bridge Water Filtration Plant</a> 04/22/24 - Day 1: 28 students touring Hayden Bridge as part of Rachel Carson Environmental Science Academy, Churchill High School.</p>
<p><b>EUGENE SUSTAINABILITY COMMISSION</b> <a href="#">Presentation</a> 04/17/24 - Opportunities in Clean Energy: 80% of Eugene’s power comes from carbon-free hydroelectric energy, with the remaining 20% coming from conventional and renewable resources. But what other opportunities are there for the City and our utility to support clean energy installations? The commission will hear from the following community partners to advance this conversation: 1) EWEB, to better understand if the projected increase in demand for electricity can be met with clean energy and regarding their announcement they are evaluating small modular nuclear as a part of their energy mix; and 2) Beyond Toxics, to learn about their Bethel Clean Energy Project which focuses on assisting Bethel residents located near the J.H. Baxter wood preservation facility in making clean energy upgrades.</p>
<p><b>NW LINE JOINT APPRENTICESHIP TRAINING COMMITTEE</b> <a href="#">Utility Visit for NW Line JATC 1st and 3rd year</a> 04/13/24 - Line and Substation staff hosted almost 100 first- and third-year apprentices on a tour of EWEB's transformer shop and testing practices, and two local EWEB substations as a part of required training for line apprentices in programs all around the NW.</p>
<p><b>UNIVERSITY OF OREGON</b></p>

# COMMUNITY INVESTMENT | Q2 2024

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	<p><a href="#">Summit for Sustainable Organizations Conference</a> 04/13/24 - The Summit is an annual event that unites graduate students and leaders from various sectors – businesses, government, non-profits, communities, and academia – to engage in impactful discussions on pressing social and environmental challenges. This year's theme, 'Roots to Revolution,' delves into traditional sustainability topics and their relation to the Pacific Northwest through panel discussions, interactive activities, and powerful speakers into what we are doing today, and what the future holds regarding global sustainability and the promising outlook that we can create through collective action. EWEB's Lead Energy Resources Analyst will speak on the electrification and policy panel. Eugene Mayor Lucy Vinis will be the moderator.</p>
	<p><b>CASCADE TO COAST SUBSECTION AWWA</b> <a href="#">Tour of Hayden Bridge Water Filtration Plant</a></p>
	<p><b>EQUITY AND COMMUNITY CONSORTIUM</b> <a href="#">Communities of Color and Allies Network First Friday</a> 04/05/24 - EWEB hosted the First Friday networking event focusing on Earth Month for conversations about climate action and environmental stewardship opportunities in our community. In addition, Communications Specialist Adam Spencer is building a website for the ECC to serve as a hub of information for the 14 partner agencies and associated networking opportunities. The ECC was started by local community folks of color interested in bringing together people in a relaxed social atmosphere to support one another. CCAN is proudly sponsored each month by a different partner agency of the Equity and Community Consortium (ECC).</p>
	<p><b>MCKENZIE SCHOOL</b> <a href="#">Photography Class</a> 04/05/24 - 12 students, 1 teacher, 1 Middle Fork Willamette Watershed Council employee practiced photography at Lost Creek in the HJ Andrews Experimental Forest.</p>
	<p><b>SPRINGFIELD SCHOOL DISTRICT (ACADEMY OF ARTS AND ACADEMICS)</b> <a href="#">Tour of Leaburg/Waltermville</a> 04/03/24 - 4 EWEB employees led 2 science classes from the Academy of Arts and Academics on a 3-hour tour of the Leaburg Dam, fish ladders and powerhouse. Additionally EWEB provided information on hydro resources for their curriculum.</p>
<b>Q1</b>	<p><b>COMMUNITY</b> <a href="#">College Hill Historic Mitigation Meeting #2</a> 03/21/24 – Informal, drop-in style meeting at the Hilyard Community Center to answer questions about the different historic mitigation concepts for College Hill and gather input.</p>
	<p><b>LOCAL HIGH SCHOOL STUDENTS / CONNECTED LANE COUNTY</b> <a href="#">Career Day</a> 03/21/24 – EWEB partnered with Connected Lane County to host an EWEB Career Day for almost 100 local area high school students at the ROC. The goal of the Career Day was to introduce students to various career paths at EWEB. Electric and Water were both mainstays for the event, however, we also included other areas such as Customer Service, IS, Purchasing, Environmental, Utility Support, Communications and Controls, and more.</p>
	<p><b>KIWANIS CLUB OF EUGENE</b> <a href="#">Bi-weekly Club Meeting</a> 03/20/24 - GM Lawson and Commissioner Brown presented general state of the utility information.</p>

# COMMUNITY INVESTMENT | Q2 2024

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<p><b>PRESCHOOL PROMISE EARLY EDUCATION PROGRAM</b> <a href="#">Community Helpers monthly lesson theme</a> 03/18/24 - Short presentation on Electric and Water Safety for 3–5-year-olds.</p>
<p><b>MCKENZIE SCHOOL</b> <a href="#">High Banks Experimental Carbon Sequestration Forest Tour</a> 03/08/24 - Field trip of High Banks Forest, with soil sampling and measurements</p>
<p><b>FULL ACCESS!</b> <a href="#">Prepare-A-Palooza: Emergency Preparedness Fair</a> 03/06/24 – The Emergency Preparedness Fair, free &amp; open to the public, offers information tailored towards the intellectual &amp; developmental disability community, their families, &amp; caregivers.</p>
<p><b>NORTHEAST NEIGHBORS</b> <a href="#">Association Meeting</a> Staff Water Engineer, Nathan Endicott presented to the NeN Association on Emergency Water Storage and handed out 32 emergency water bottles.</p>
<p><b>MCKENZIE FIRE AND RESCUE</b> <a href="#">Community Meeting</a> 03/02/24 - Discussion on emergency planning and preparedness, agencies and organizations, and review lessons learned following the recent ice storm.</p>
<p><b>EMERALD EMPIRE CHAPTER OF THE NW STEELHEADERS</b> <a href="#">Presentation</a> 02/27/24 - Leaburg Decommissioning Action Plan Team presented about the LDAP and future stakeholder engagement opportunities.</p>
<p><b>ROTARY CLUB OF EUGENE AIRPORT</b> <a href="#">Presentation</a> 02/22/24 - AGM Price and Commissioner Carlson presented general state of the utility information.</p>
<p><b>PROFESSIONAL WOMEN'S FORUM</b> <a href="#">Emergency Preparedness</a> 02/05/24 - EWEB Resiliency Program Manager Jeannine Parisi presented on emergency preparedness.</p>
<p><b>UO ENVIRONMENTAL LEADERSHIP PROGRAM</b> <a href="#">High Banks Experimental Carbon Sequestration Forest Tour</a> 02/04/24 - UO students and faculty explored the High Banks project and took soil samples.</p>
<p><b>MCKENZIE SCHOOL</b> <a href="#">Hayden Bridge Filtration Plant Tour</a> 01/26/24 - 12 students and 2 teachers toured the Hayden Bridge Filtration Plant learning about the filtration process.</p>



# COMMUNITY INVESTMENT | Q2 2024

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### VOLUNTEER EFFORTS AND EVENTS (UNPAID)

<b>EWEB employees, friends and families have volunteered in the Community approximately 40 hours year to date.</b>	
<b>Q2</b>	<b>SPECIAL OLYMPICS OREGON</b> <a href="#">Regional Softball Tournament</a> 06/23/24 - EWEBers and their families and friends supported Special Olympics Oregon's Regional Softball Competition by volunteering for a variety of half-day shifts.
<b>Q1</b>	<b>There were no volunteer efforts/events in Q1.</b>

There were no system development (SDC) waivers or water truck and electric trailer deployments in the first two quarters of 2024.

### UPCOMING AND/OR COMMITTED EFFORTS AND INVESTMENTS

<b>COMMUNITY EVENT</b> <a href="#">Butte to Butte</a> 07/04/24 - EWEB helped support the July 4 Butte to Butte Race (pump station tech support to connect two water stations) on route.
<b>JUNE-DEC 2024 EDUCATION GRANTS</b> <a href="#">Eugene 4J School District</a> <a href="#">Bethel School District</a> <a href="#">McKenzie School District</a> <a href="#">Springfield School District</a> 07/11/24 - As a part of our commitment to education, we dedicate grant funds to school districts in our service area in support of water and energy curriculum and activities. Each year thousands of students benefit from the programs funded through EWEB's education grants.
<b>COMMUNITY EVENT</b> <a href="#">EWEB Job Showcase</a> 07/11/24 - EWEB hosted a job showcase for utility support workers, one of the most important jobs at EWEB that also serves as an early career entry point to the industry. Attendees had the chance to meet with current employees, learn about job responsibilities, and discover the benefits of working in a stable and essential industry.
<b>LANE COUNTY FAIR</b> 07/24-07/28 - EWEB, Springfield Utility Board (SUB) and Rainbow Water District (RWD) are teaming up for the ninth year to provide fairgoers with clean, cold free water. The three local water utilities collaborate to provide a free water booth, which is one of the more popular booths at the fair. The booth will have ice-cold water bottle refill stations, drinking fountains and a mister to ensure fairgoers can stay hydrated throughout the event, while also promoting sustainability and environmental responsibility. Fairgoers are encouraged to bring their own reusable water bottles to take advantage of the free water station.



# COMMUNITY INVESTMENT | Q2 2024

## APPENDIX G

<p><b>EUGENE EMERALDS</b> <a href="#">Eugene Emeralds Baseball Game</a> 07/26/24 - EWEB will host a table at the Eugene Emeralds game to share information on EWEB programs and products.</p>
<p><b>LEGACY OREGON BURN CENTER</b> <a href="#">30th Annual Pacific NW Lineman Rodeo</a> 07/27/24 - Each year, electrical workers from across the west will gather in Gresham, Oregon, to participate in the Pacific Northwest Lineman Rodeo. The rodeo is a family fun, action filled event where teams of linemen and apprentices compete in activities that test their speed, safety and trade skills, with all proceeds going to the Legacy Oregon Burn Center. Several EWEB Linemen and Apprentices will compete and an EWEB crew will provide safety demonstrations with the electric trailer.</p>
<p><b>EUGENE SATURDAY MARKET</b> <a href="#">Saturday Market Block Party</a> 08/03/24 - A “Block Party” celebrating the sustainable beliefs of Saturday Market and highlighting local groups that benefit the community. EWEB will host a table at the event.</p>
<p><b>GILBERT PARK COMMUNITY DAYS</b> 08/11/24 - An EWEB Electric Operations crew will provide demonstrations with the Electric Safety Demonstration Trailer,</p>
<p><b>FRIENDLY AREA NEIGHBORS</b> <a href="#">Mural Celebration and Summer Social</a> 08/18/24 - EWEB staff will host a table at the event to engage with neighbors about water storage projects and other topics.</p>
<p><b>SOUTHEAST NEIGHBORS ASSOCIATION</b> <a href="#">Annual Picnic</a> 09/07/24 - EWEB staff will provide information on water storage projects, EVs, energy efficiency programs and emergency preparedness.</p>

# ELECTRIC DIVISION | Q2 2024

## APPENDIX H



# Source to Switch



Safe. Clean. Reliable.



**5**

EWEB owned or co-owned power generation sources



Hydroelectric  
Carmen-Smith  
Leaburg/Waltermville  
Stone Creek

Wind Projects  
Harvest Wind

Biomass/Natural Gas  
International Paper



**200,000**

Customers within EWEB's electric service territory



**23%**

Customers served by EWEB generated power



**1**

Average number of power outages per customer a year



**236**

Square miles served



**1,300**

Miles of transmission and distribution lines



**38**

Substations



**206**

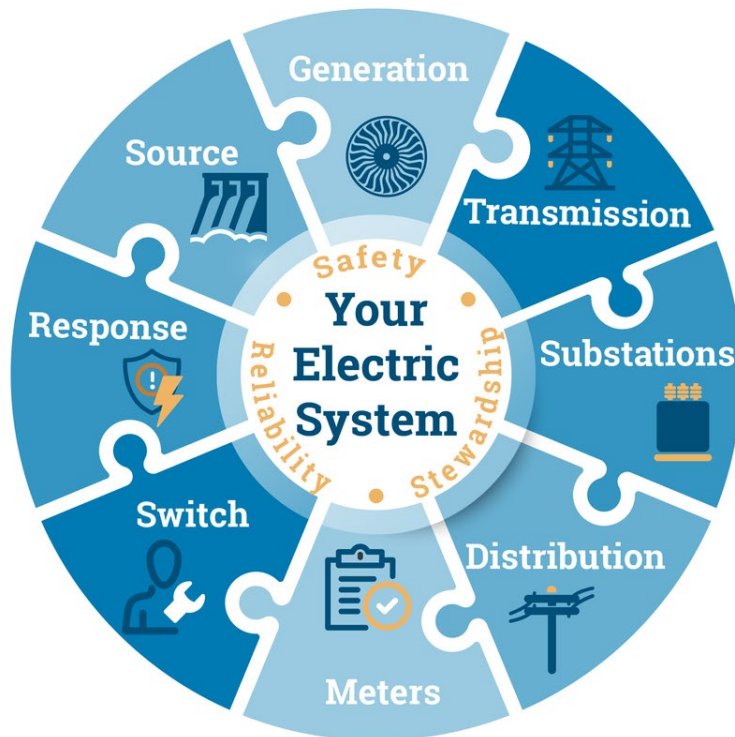
Miles of vegetation removal annually



**13**

Regulatory bodies oversee safety & reliability

Your electric bill supports clean, safe, and reliable power from source to switch.

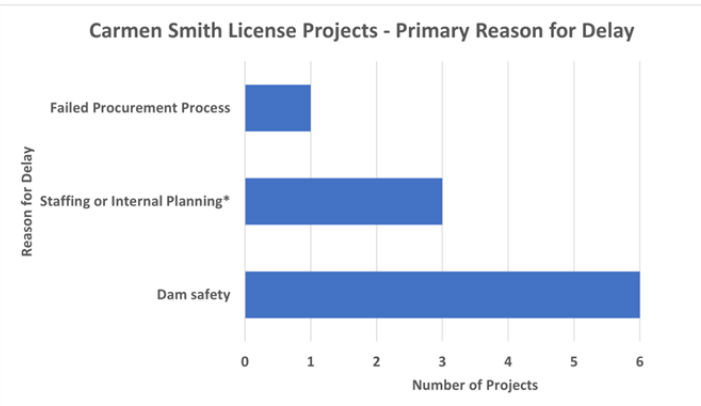
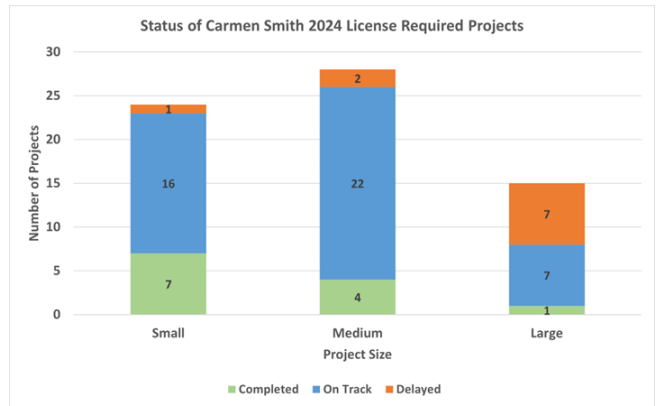
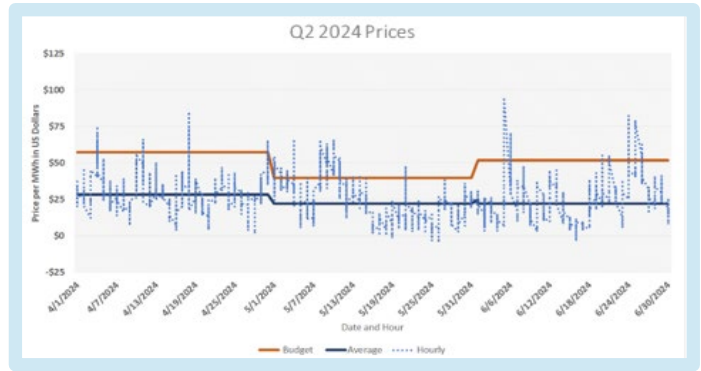
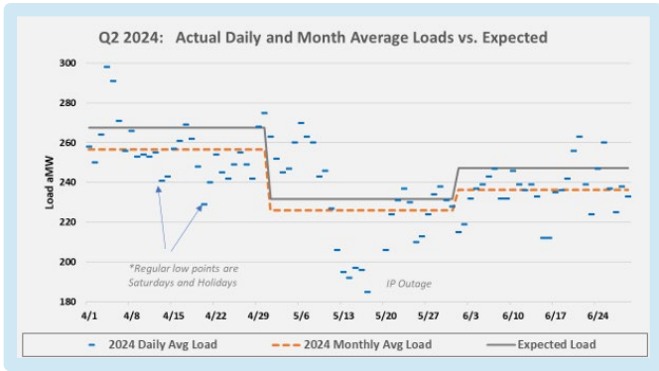
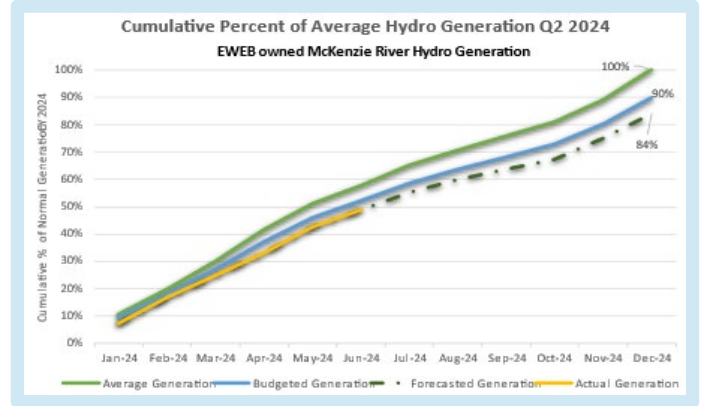
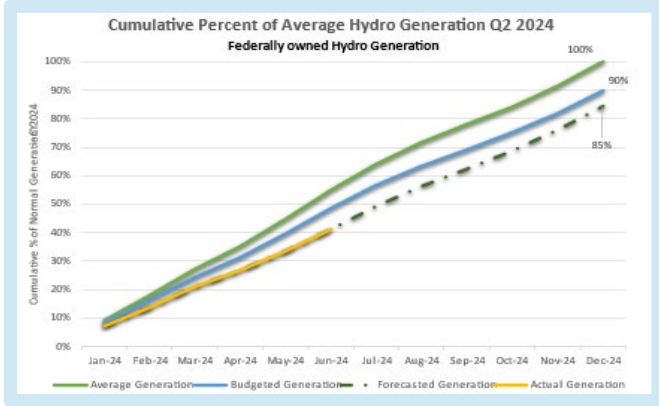




# ELECTRIC DIVISION | Q2 2024

## APPENDIX H

### SOURCE & PRODUCTION



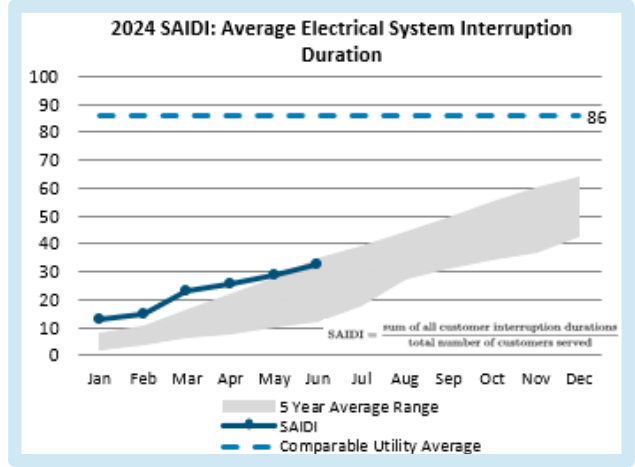
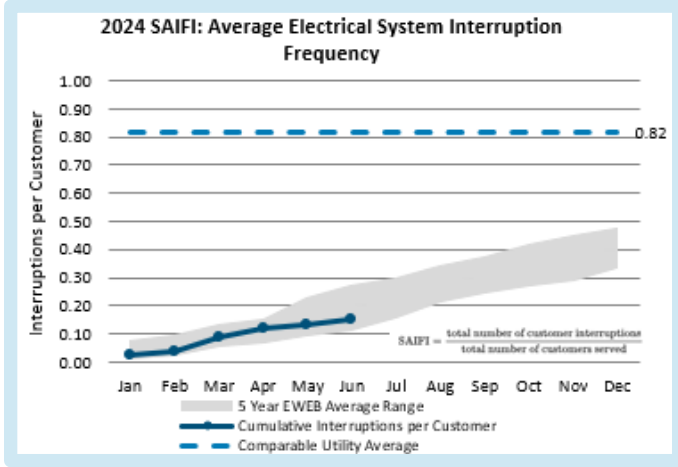
**Small Projects:** Duration of 12 months or less. Not complex and relatively low cost. Includes installation of interpretive signs at TB campground, which has exceeded 36 months but is small in scope and impact.  
**Medium Projects:** Duration of 12-36 months. Increased complexity and cost, with greater environmental benefit once complete.  
**Large Projects:** Duration of greater than 36 months. Typically highly complex and costly, with significant environmental benefit once complete.

Projects may have more than one reason for delay. Graph depicts the primary cause of delay.  
 \*One project (submittal of revised plan and schedule for trap and haul) is on hold pending mitigation discussions with agencies.

# ELECTRIC DIVISION | Q2 2024

## APPENDIX H

### TRANSMISSION & DISTRIBUTION



### MONITORING & COMPLIANCE

#### NERC Compliance



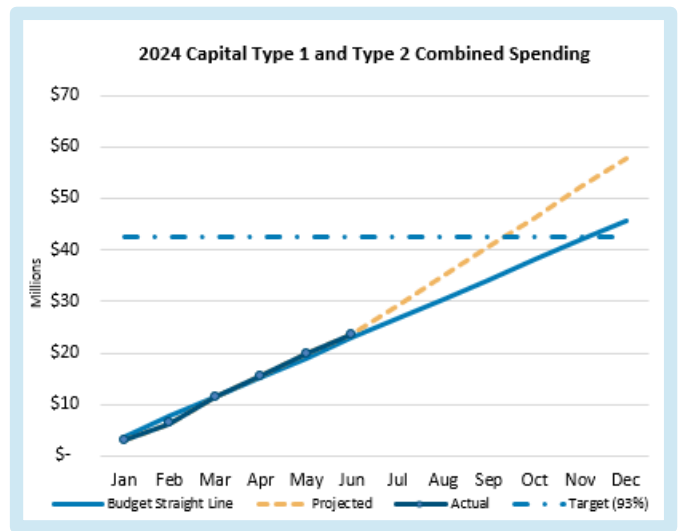
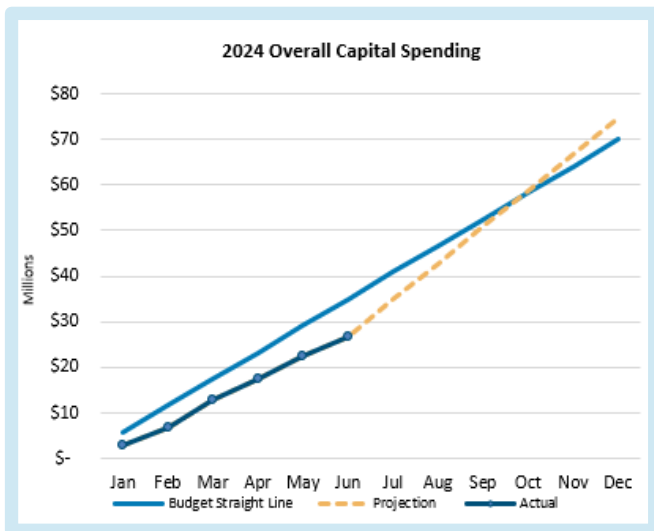
#### PUC Compliance



#### FERC Compliance



### RESILIENCY, PLANNING & EMERGENCY PREPAREDNESS



# ELECTRIC DIVISION | Q2 2024

## APPENDIX H

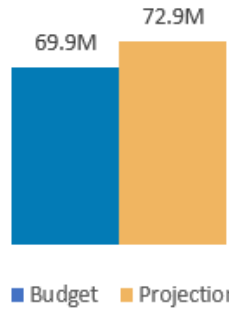
### 2024 Electric CIP Grand Total



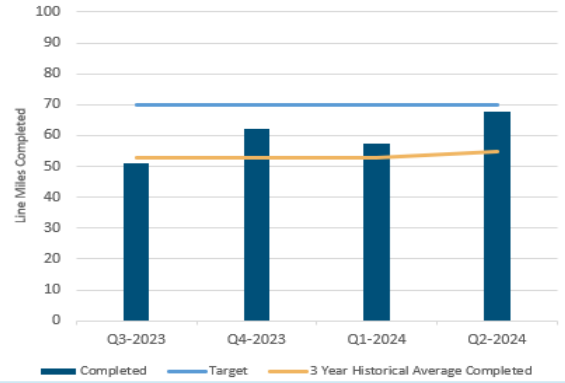
4%

Above Target

\$3M  
Over Budget

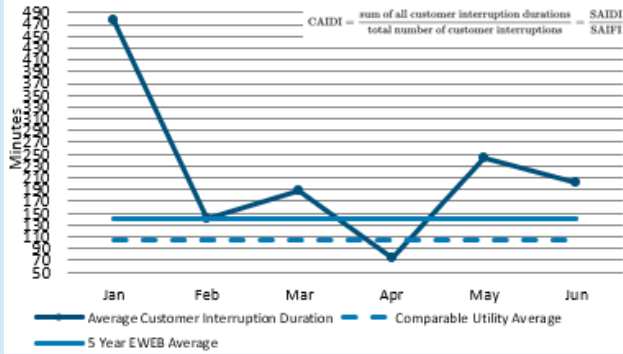


### Quarterly Vegetation Program Performance

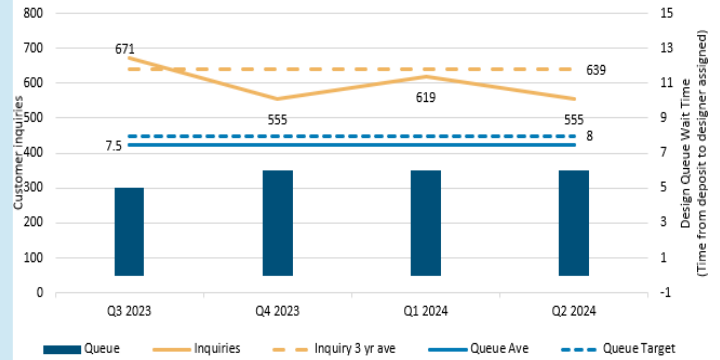


## SWITCH (CUSTOMER)

### 2024 CAIDI : Average Electrical Outage Restoration Time



### Quarterly Design Queue Wait Time vs. Customer Inquiries





# ELECTRIC DIVISION | Q2 2024

## APPENDIX H

### **ELECTRIC SAFETY & RELIABILITY FROM SOURCE TO SWITCH!**

The Electric Operations Division aims to provide safe, reliable electricity to customers 24/7/365 and reduce the operational risks to public safety while being good stewards of our customer/owner’s infrastructure and funding resources.

#### **SOURCE**

EWEB has many sources of power generation that require careful attention to ensure our resources remain available, safe for use, and comply with multiple agency regulations, while mitigating the impact of resource use on our environment. To achieve this, staff from multiple departments work to monitor these sources, identify and mitigate factors that influence their availability, and ensure compliance to ultimately optimize their use as a source of power generation to meet load requirements.

#### **PRODUCTION**

EWEB generates around 20 percent of the community's power using EWEB-owned or co-owned resources. The power generation process includes redundancy to protect from process failures and is closely monitored and constantly adjusted to meet regulatory requirements, including Dam Safety. The remaining 80 percent comes from power purchase agreements, with the vast majority of purchased power coming from Bonneville Power Administration. The purchasing and trading processes require constant monitoring and adjustment to balance with our generation ability and customer demands.

#### **TRANSMISSION & DISTRIBUTION**

Once the electricity is generated or purchased, safety and reliability must be maintained as it is delivered to EWEB customers. Assessing, testing, maintaining, repairing, and replacing infrastructure are critical aspects of the program to ensure safety, reliability and meet customer demands.

#### **MONITORING & COMPLIANCE**

Monitoring the electric grid is essential to ensuring safe and reliable service to EWEB’s customer/owners. Monitoring data gives electric operations staff the ability to adjust generation and system operation to safeguard service for public and employee safety as well as meeting customer demands. Compliance with all North American Electric Reliability Corporation, Public Utility Commission, and other health/safety/environmental requirements is key to ensuring service reliability and public safety.

#### **RESILIENCY, PLANNING & EMERGENCY PREPAREDNESS**

Natural hazard and security response mitigation plans along with resiliency plans are a final barrier in place to protect the safety and reliability of our service. The Master Plan and Capital Plan ensure investment in our infrastructure is prioritized in both the short and long term to ensure continued reliable service to our customer/owners.

#### **SWITCH (CUSTOMER)**

The Electric Division’s mission is to provide safe, reliable electricity to our customers while serving as stewards of utility assets and infrastructure using the Source to Switch approach. This final section includes data and information that points to the customer’s experience with the Electric Division.

# WATER DIVISION | Q2 2024

## APPENDIX I



### Drinking Water Quality

Safe. Clean. Reliable.

Your tap water costs about a penny a gallon.  
But there's a lot more to your water bill than just water.



Source Water  
Protection  
Programs



3-Step  
Treatment  
Process



800 Miles  
of Pipes



25 Pump  
Stations



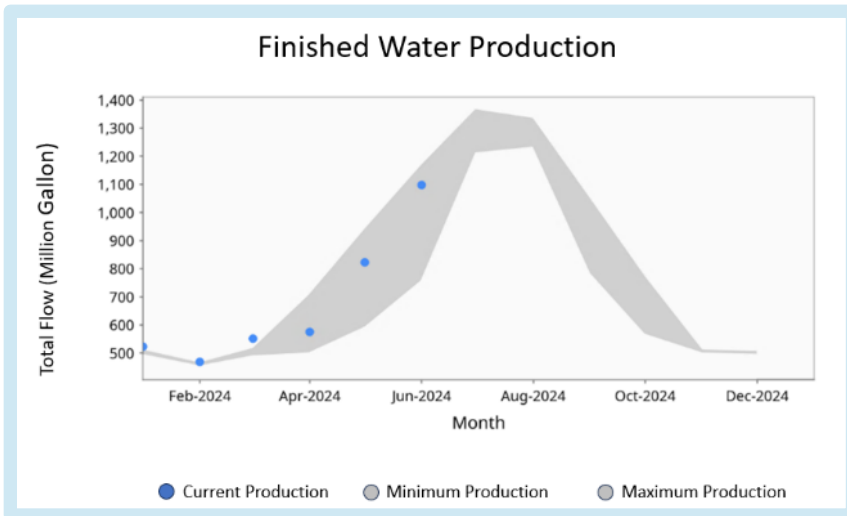
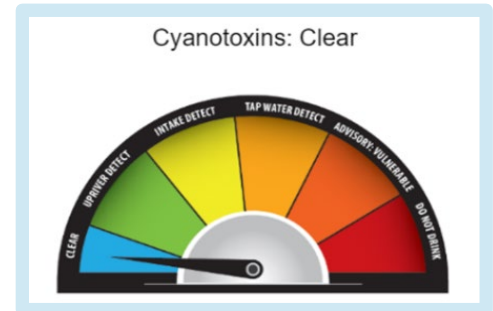
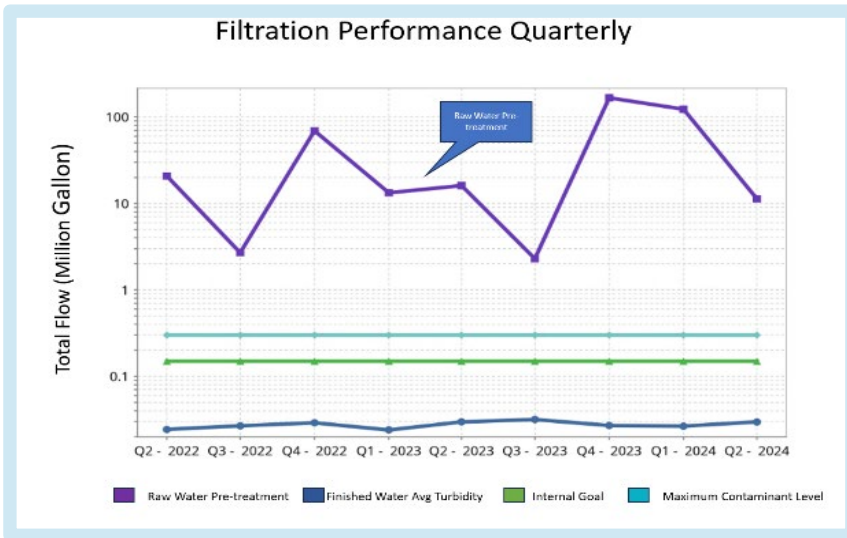
22 Storage  
Tanks



85,000  
Samples  
Each Year

Your water bill supports clean, safe, and reliable drinking water from source to tap.

### SOURCE & PRODUCTION

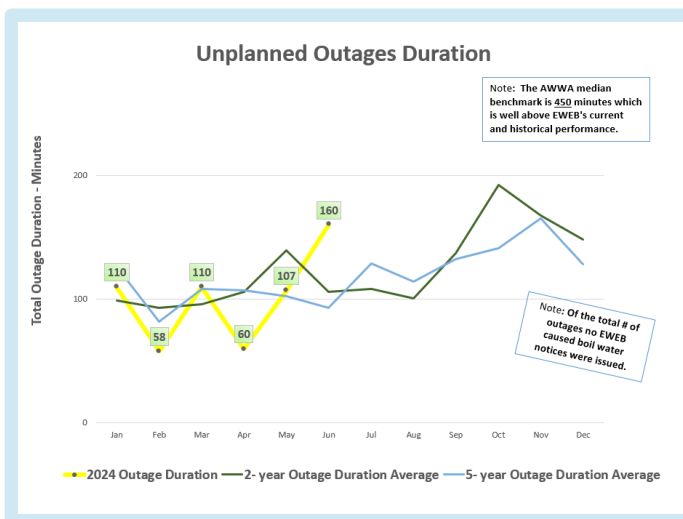
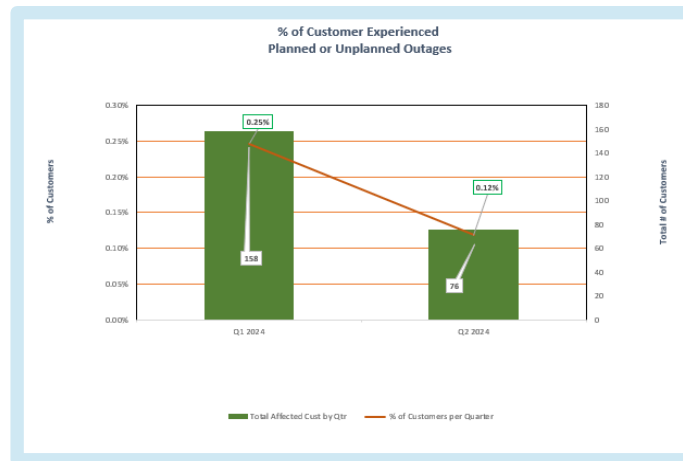
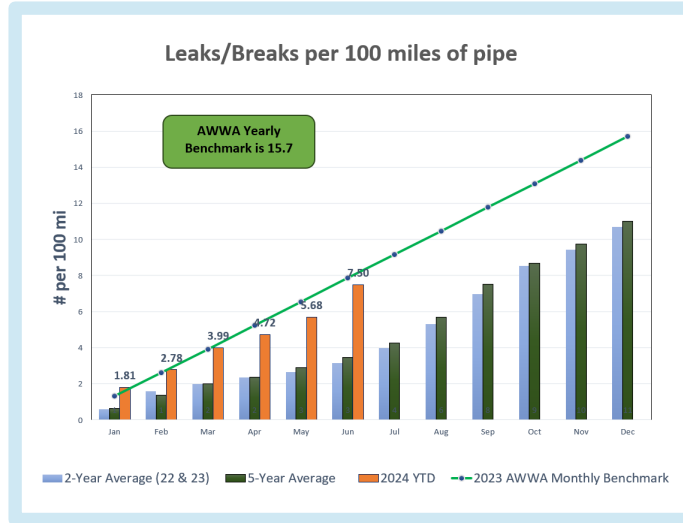




# WATER DIVISION | Q2 2024

## APPENDIX I

### TRANSMISSION & DISTRIBUTION

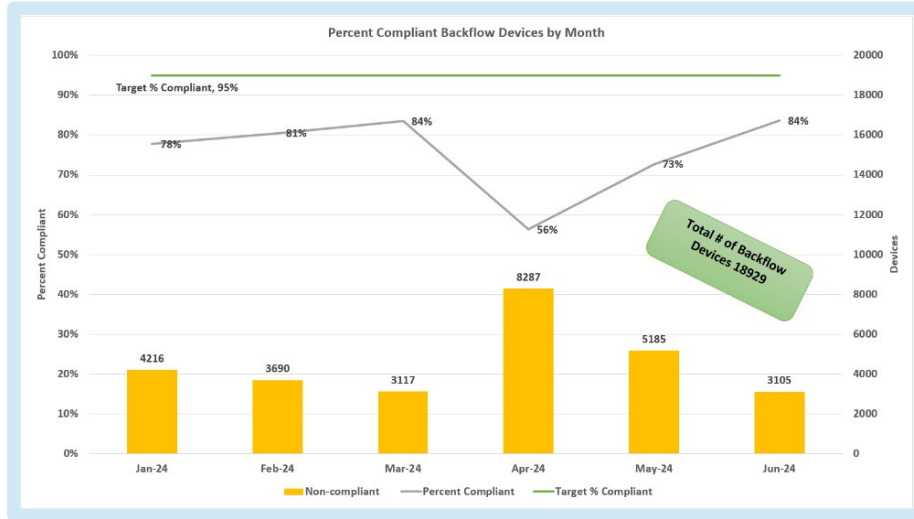




# WATER DIVISION | Q2 2024

## APPENDIX I

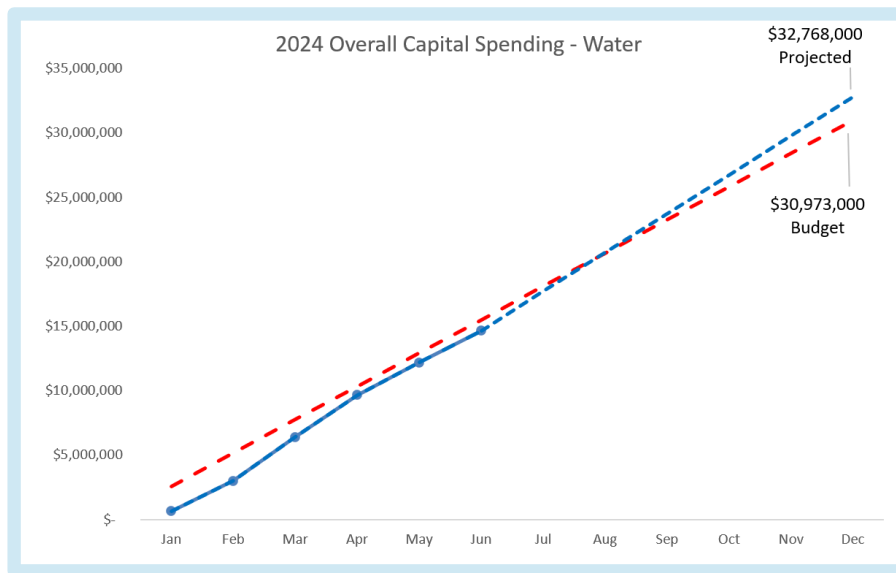
### MONITORING & COMPLIANCE



Safe Drinking Water Act	
Quarter	In Compliance?
Q2	

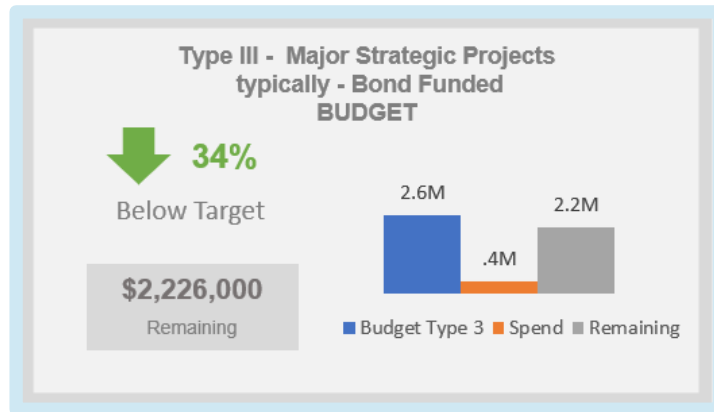
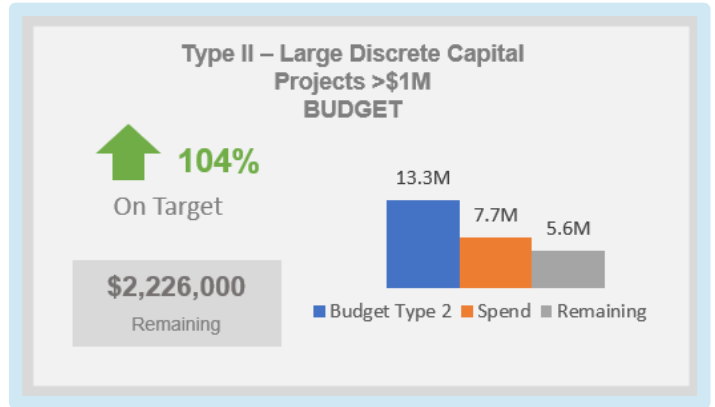
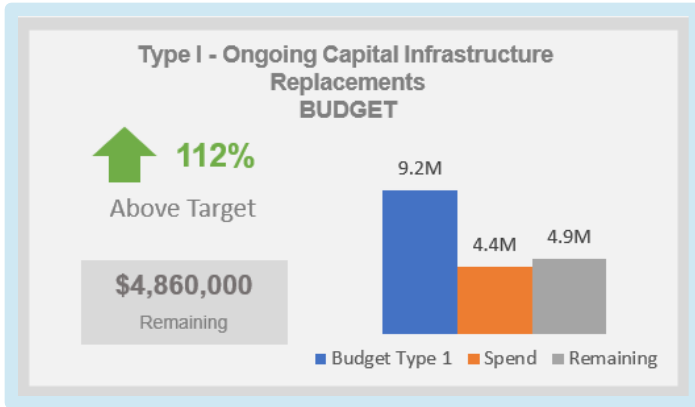
EWB has maintained regulatory compliance since the Safe Drinking Water Act was established in 1974

### RESILIENCY & PLANNING

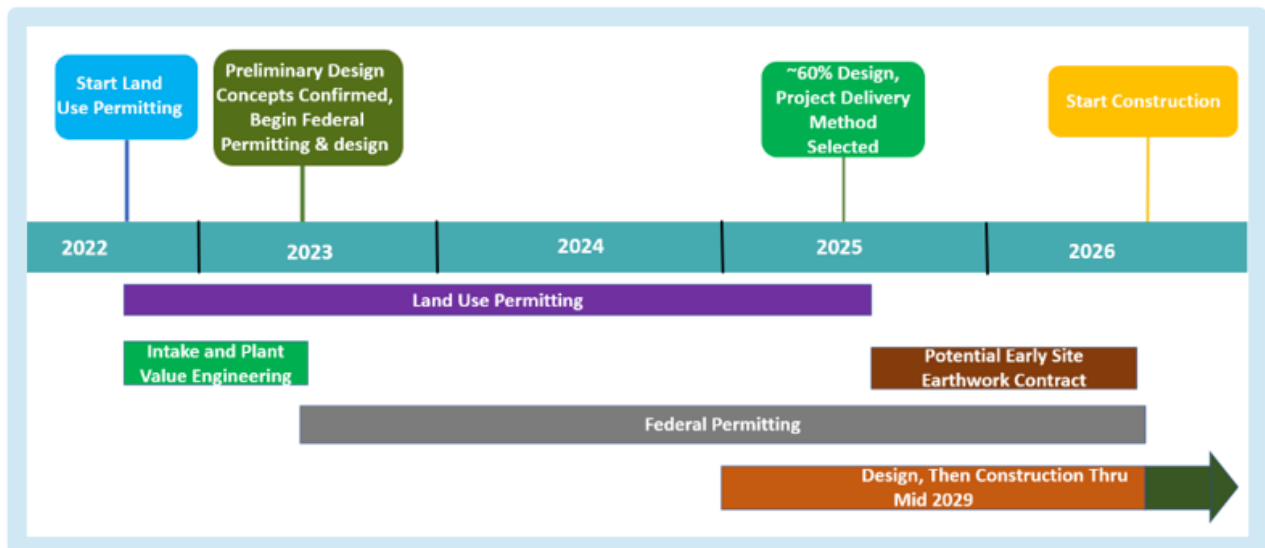


# WATER DIVISION | Q2 2024

## APPENDIX I



### Willamette Treatment Plant Project Schedule



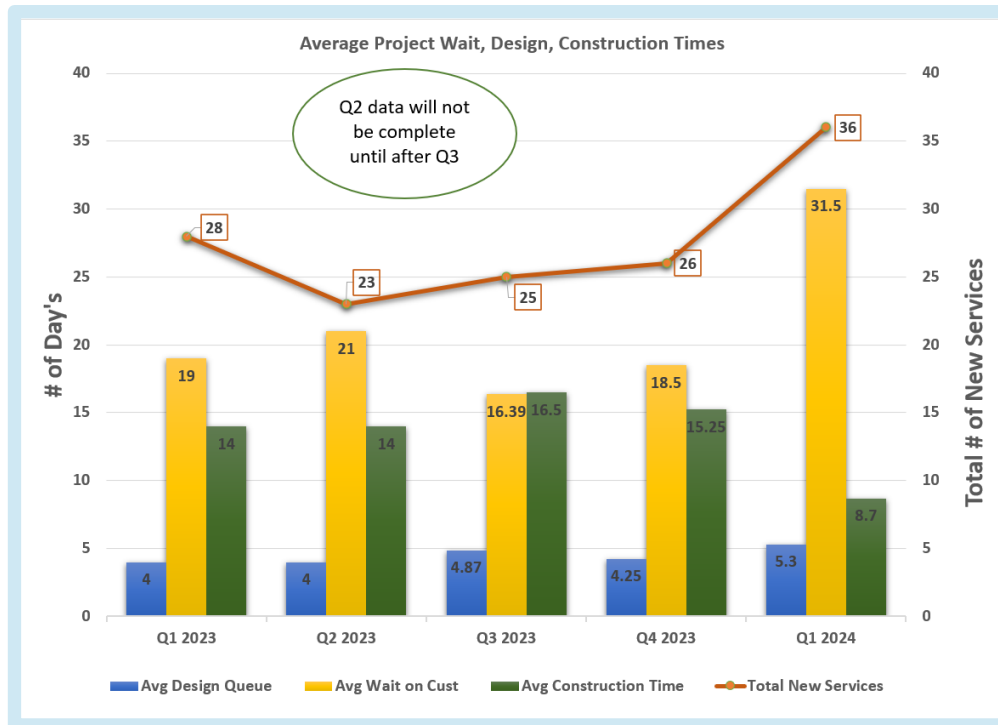
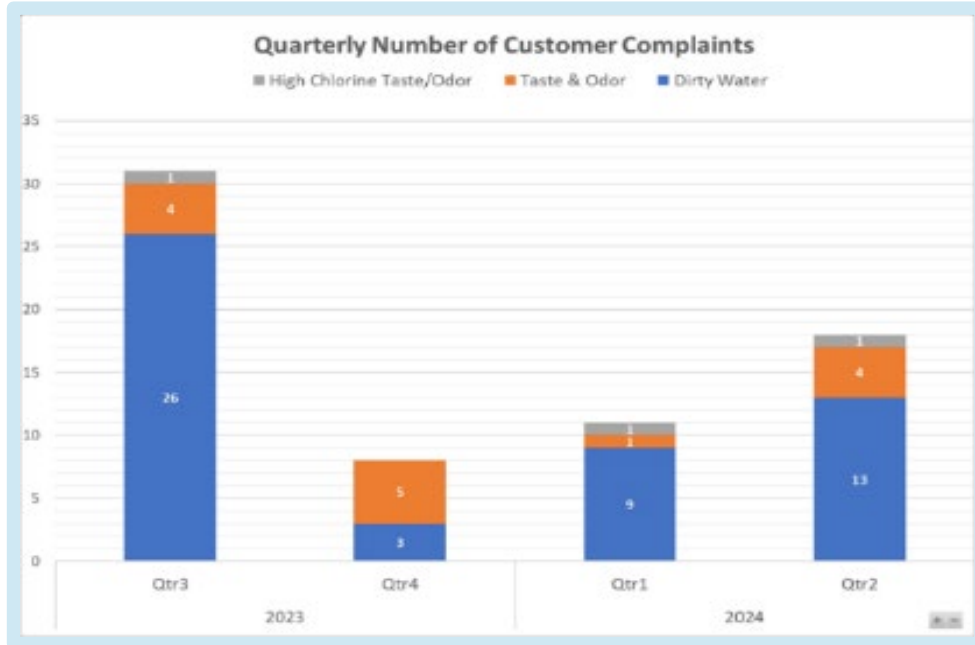




# WATER DIVISION | Q2 2024

## APPENDIX I

### TAP (CUSTOMER)





# WATER DIVISION | Q2 2024

## APPENDIX I

### WATER QUALITY & RELIABILITY FROM SOURCE TO TAP!

The Water Operations Division uses the Multiple Barrier Approach to Safe Drinking Water, an integrated system of procedures, processes and tools that collectively prevent or reduce the contamination of drinking water from source to tap. The purpose of this approach is to provide safe, reliable drinking water to customers 24/7/365 and to reduce the operational risks to public health while being good stewards of our customer/owner's infrastructure and funding resources.

#### SOURCE

The purpose of the Source Water Protection Program is to minimize adverse impacts on the source of our community's drinking water. Specifically, the program aims to 1) identify and understand the threats to our drinking water through watershed monitoring and 2) reduce the risk of pathogens and pollutants entering the treatment plant through source water protection to ultimately manage or reduce the degree of treatment required.

#### PRODUCTION & PERFORMANCE

McKenzie River water is treated to drinking water standards using conventional treatment trains that include redundancy to protect from treatment failures. The treatment process is closely monitored and constantly adjusted to ensure production of safe drinking water prior to delivery to customers.

#### TRANSMISSION & DISTRIBUTION

Once the water is adequately treated, the quality must be maintained as it is delivered to EWEB customers. Replacing aging infrastructure, repairing leaks, flushing, maintaining a disinfectant residual and positive pressure, and protecting against cross-connections are critical aspects of the program to ensure water quality, reliability and adequate fire flow.

#### MONITORING & COMPLIANCE

Monitoring the quality of our raw, treated and distributed drinking water is essential to ensuring safe water for EWEB's customer/owners. Monitoring data gives water operations staff the ability to adjust treatment and system operation to safeguard quality for human consumption. Compliance with all Safe Drinking Water Act requirements is key to protecting the public's health.

#### RESILIENCY, PLANNING & EMERGENCY PREPAREDNESS

Natural hazard and security response mitigation plans along with resiliency plans are a final barrier in place to protect the public if harmful contaminants should make it through the other water system barriers (source water protection, water treatment, water supply system reliability, and water quality monitoring). The Master Plan and Capital Plan ensure investment in our infrastructure is prioritized in both the short and long term to ensure reliable service to our customer/owners.

#### SUPPORT SERVICES

To ensure the smooth delivery of high quality, reliable water service to our customers, the Support Services Operations Division provides assistance with traffic control, locating, saw cutting, communications and control systems, along with fleet, property, facility, design and mapping and services.

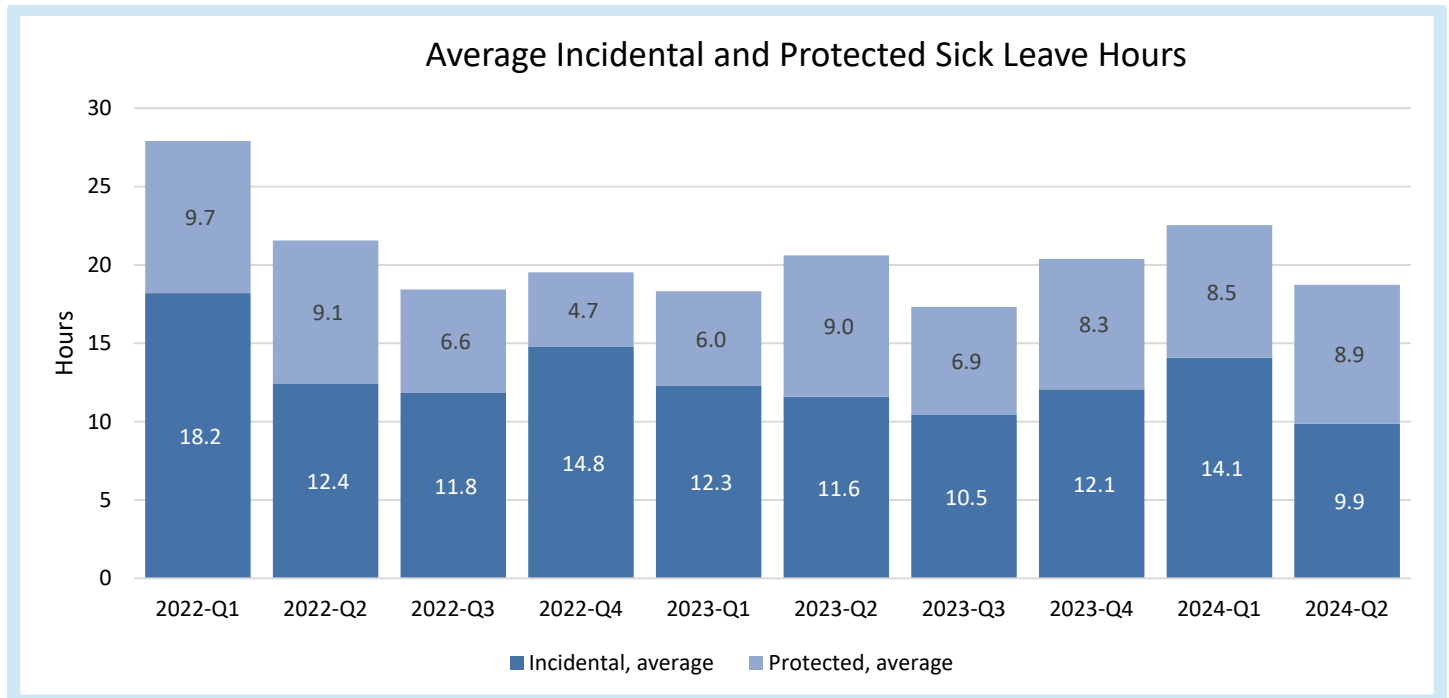
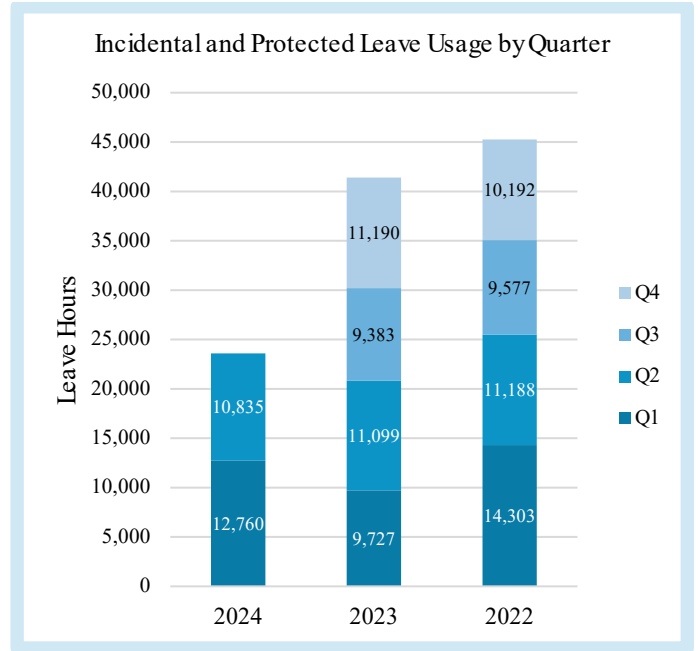
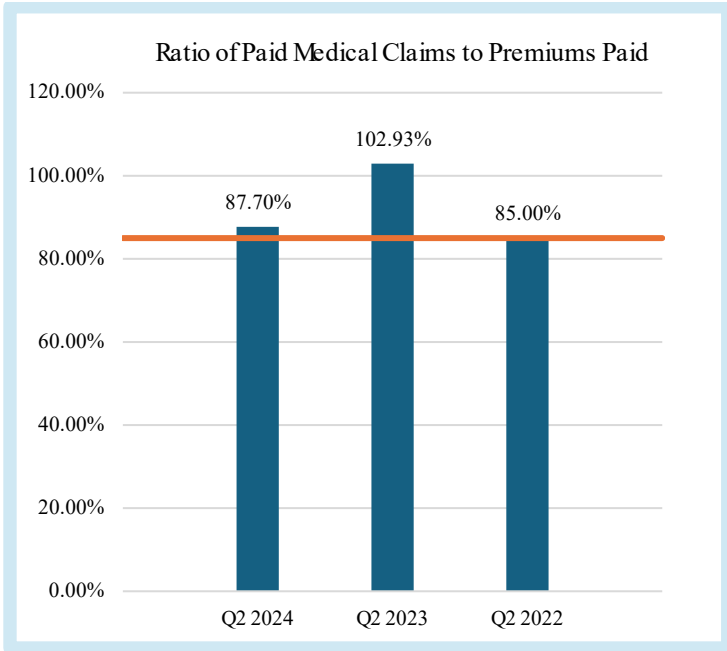
#### TAP (CUSTOMER)

The Water Division's mission is to provide high quality, reliable drinking water to our customers while serving as stewards of utility assets and infrastructure using the Source to Tap approach. This final section includes data and information that points to the customer's experience with the Water Division.

# WORK FORCE COMPOSITION | Q2 2024

## APPENDIX J

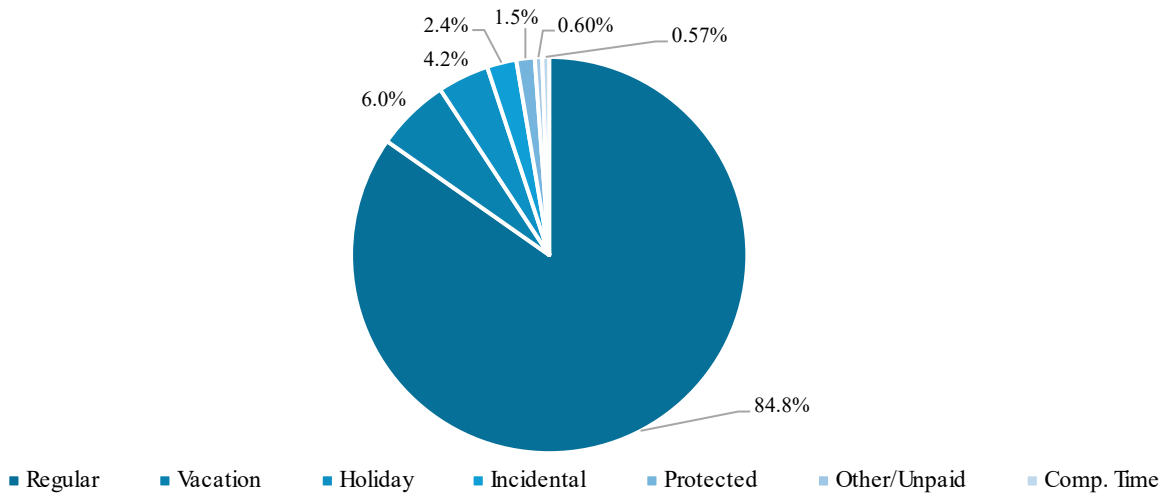
### BENEFITS & LEAVE PROGRAM MANAGEMENT



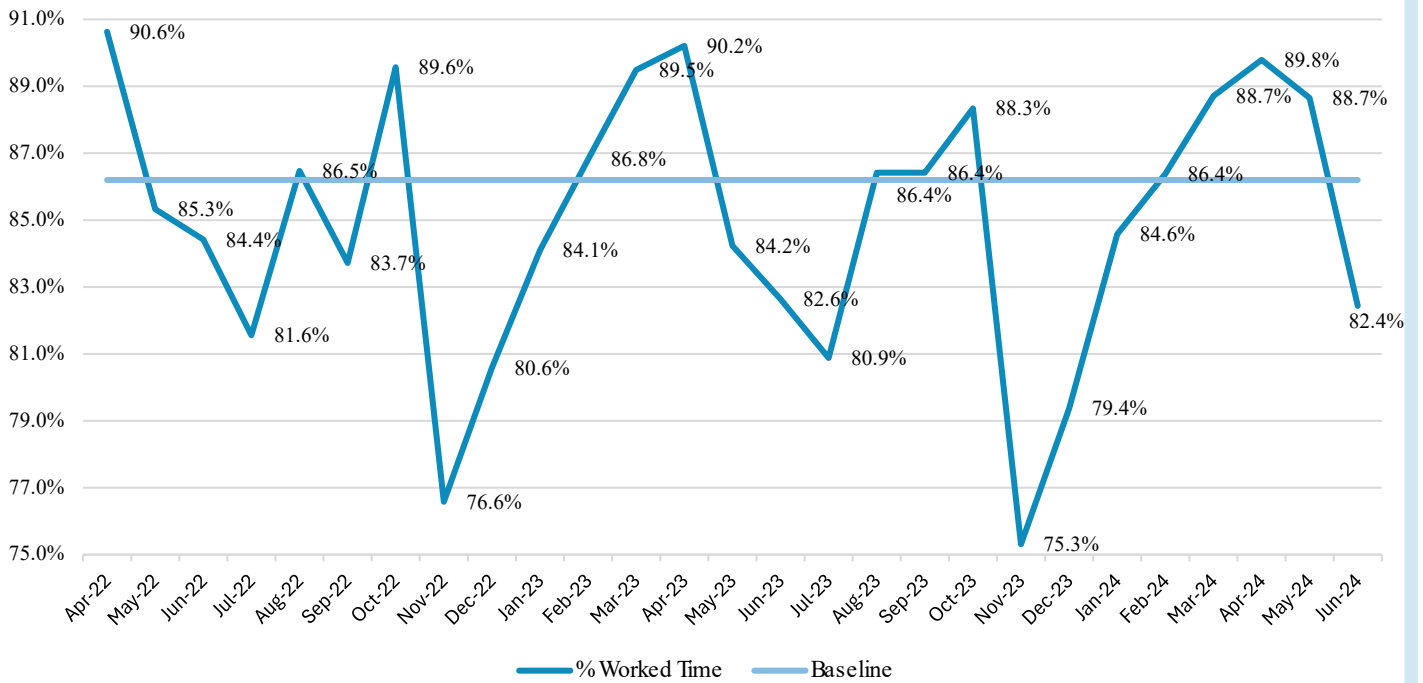
# WORK FORCE COMPOSITION | Q2 2024

## APPENDIX J

2024 Time Worked/Not Worked



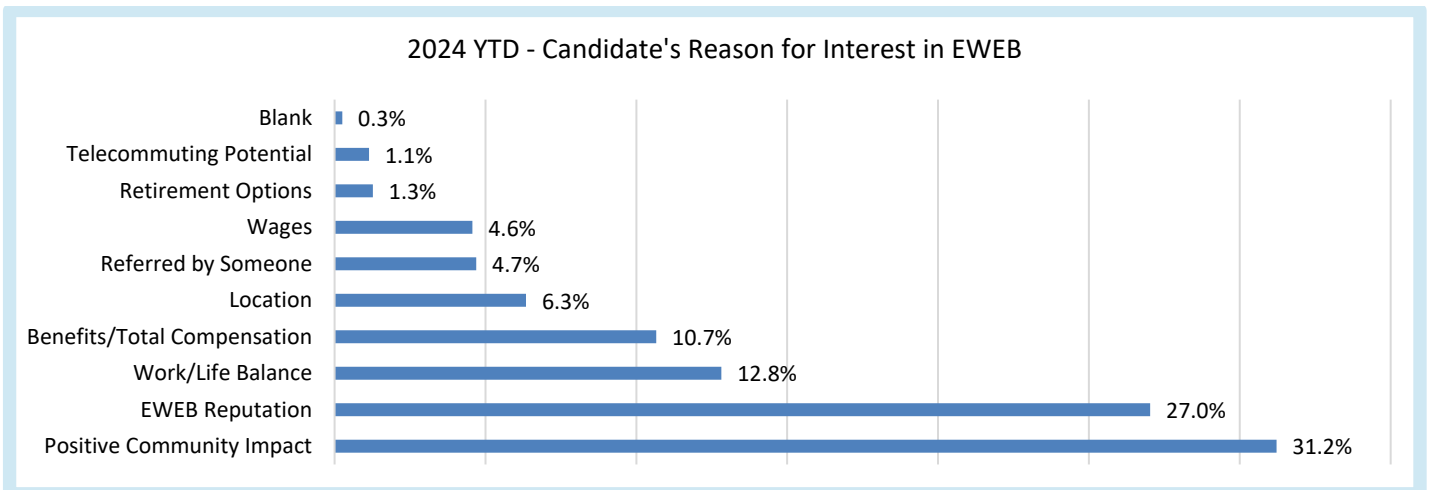
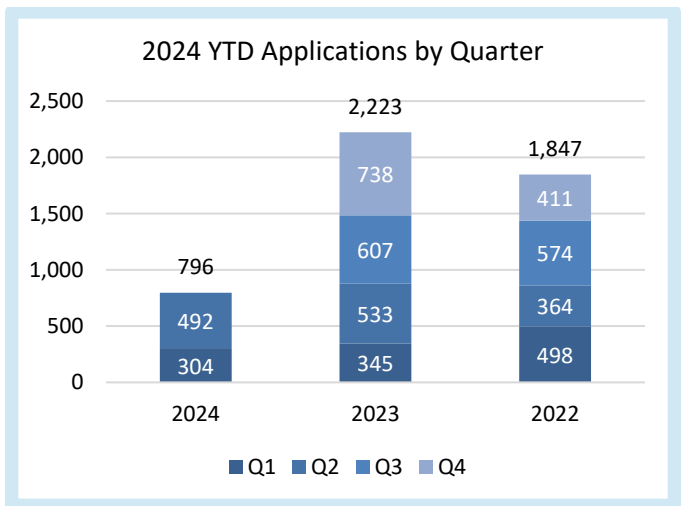
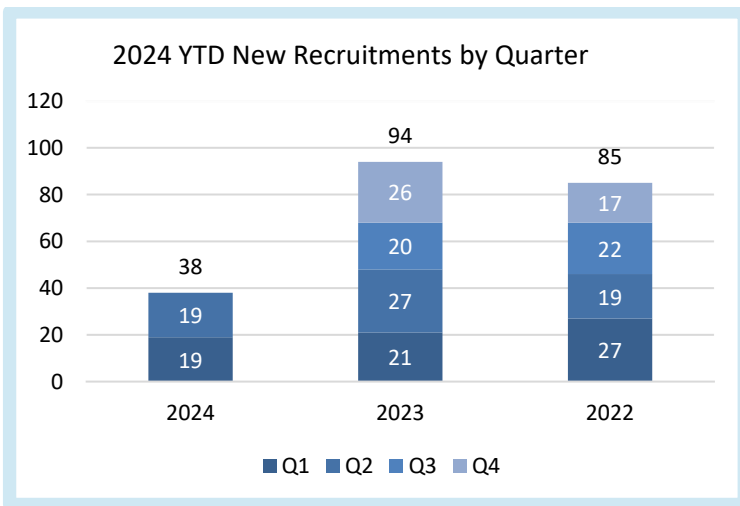
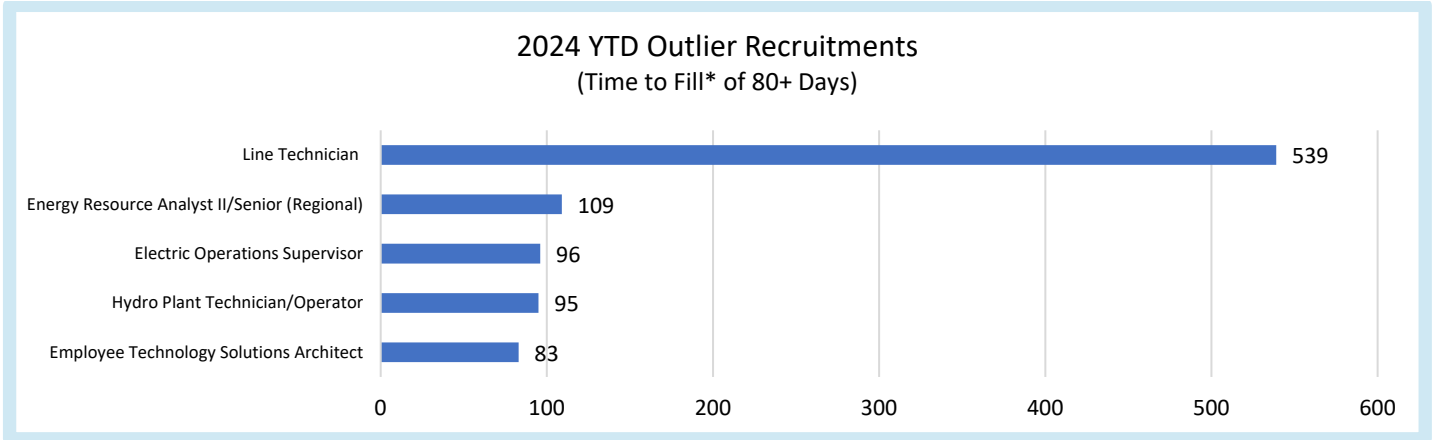
Worked Time (Excludes Overtime) as a Percent of Scheduled Time



# WORK FORCE COMPOSITION | Q2 2024

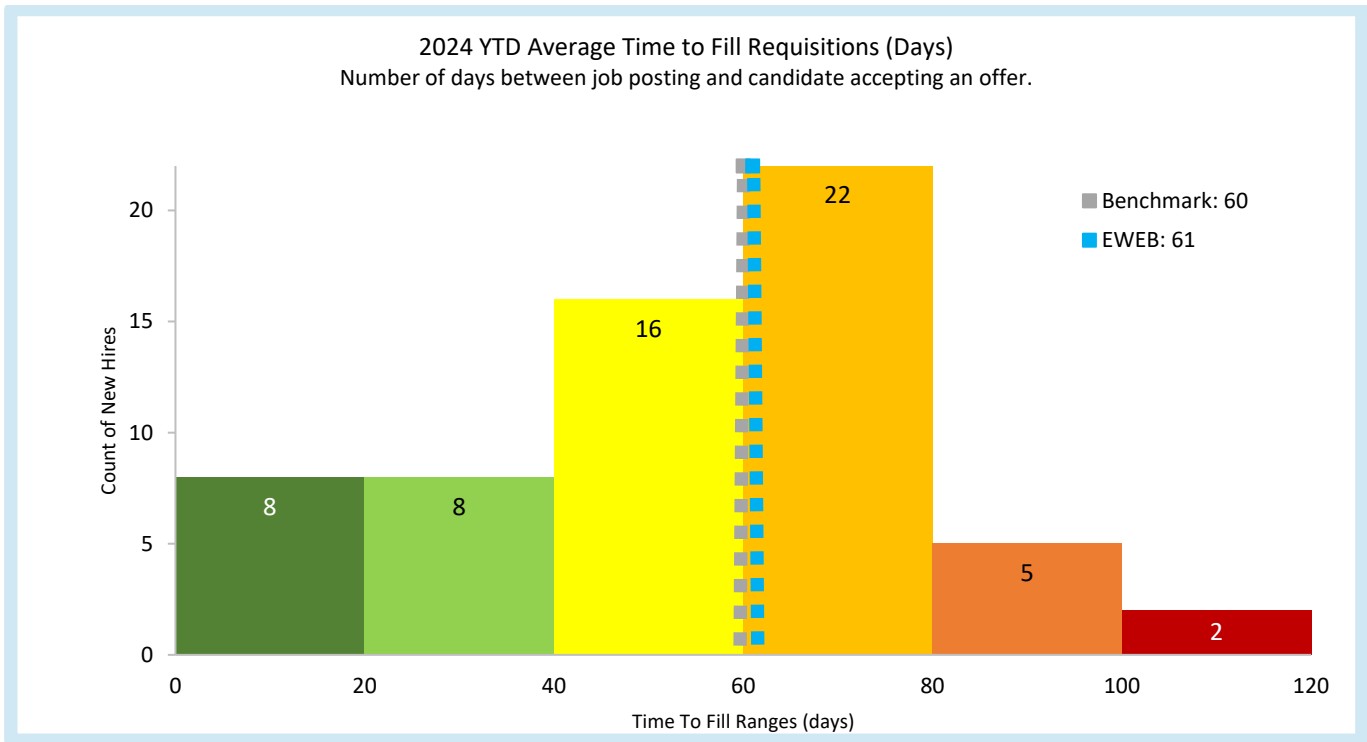
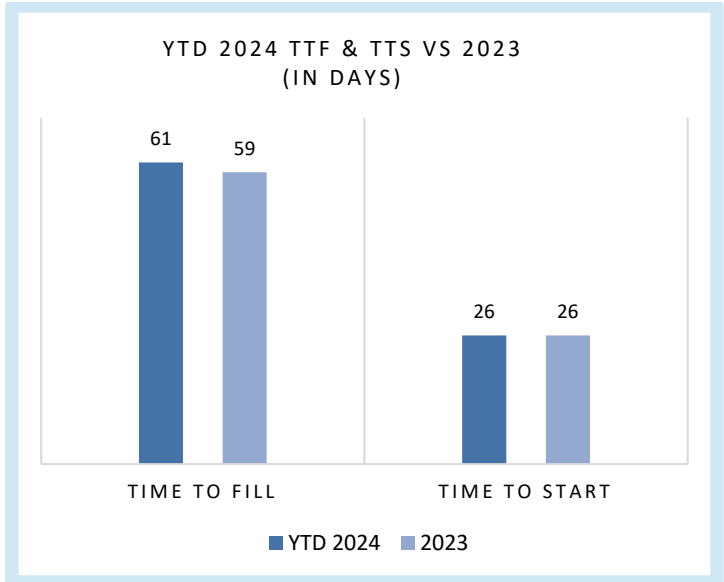
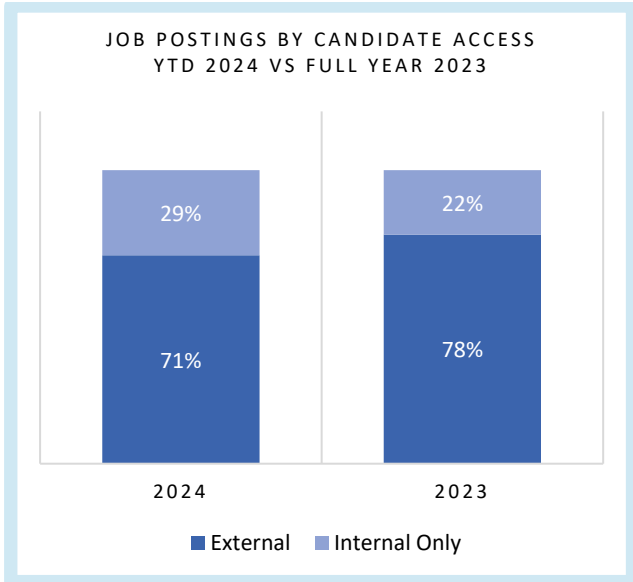
## APPENDIX J

### WORKFORCE RESILIENCY (HIRING, ADVANCEMENT & TURNOVER)



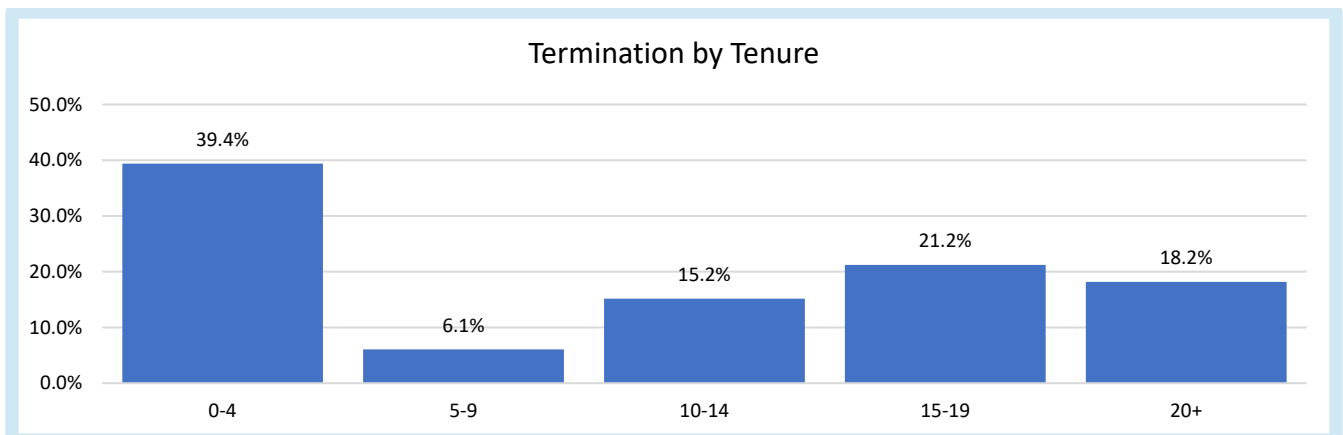
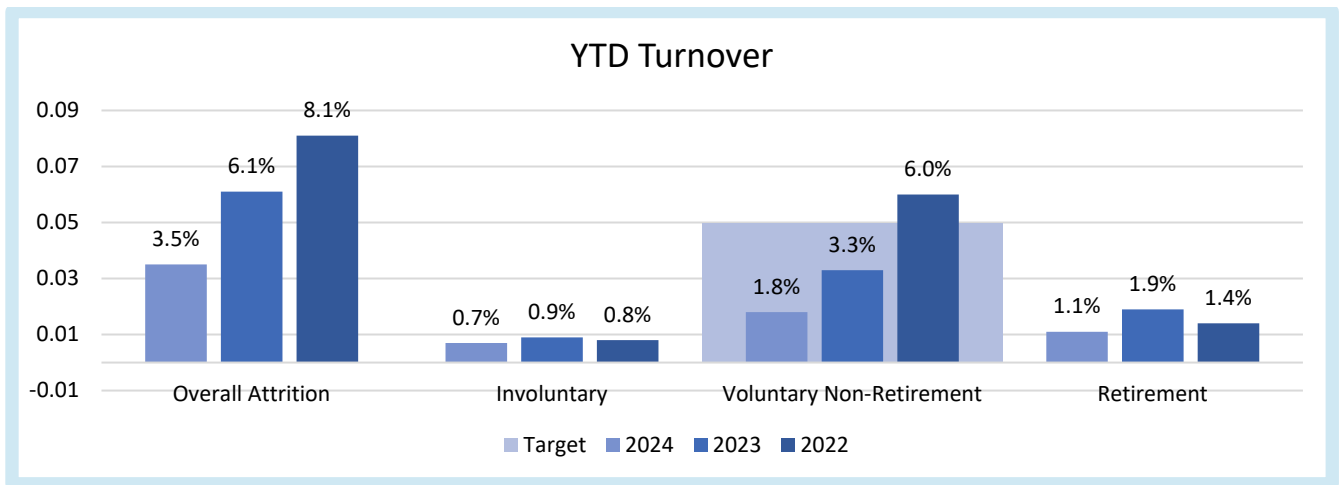
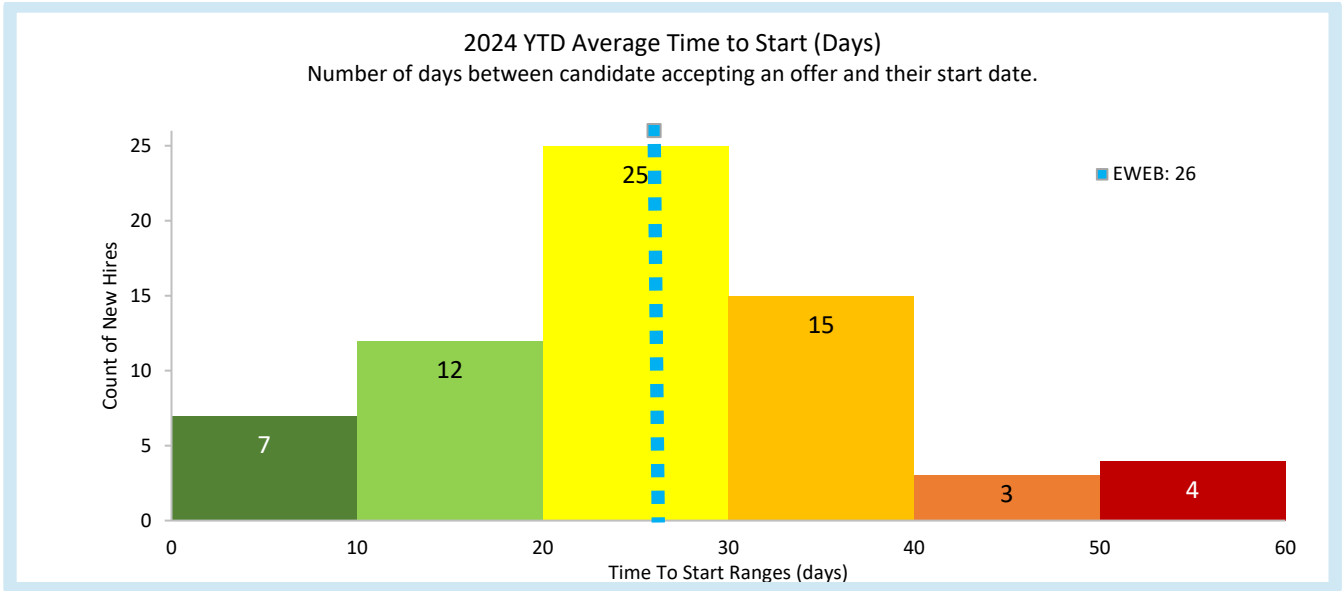
# WORK FORCE COMPOSITION | Q2 2024

## APPENDIX J



# WORK FORCE COMPOSITION | Q2 2024

## APPENDIX J



# CUSTOMER DIVISION | Q2 2024

## APPENDIX K

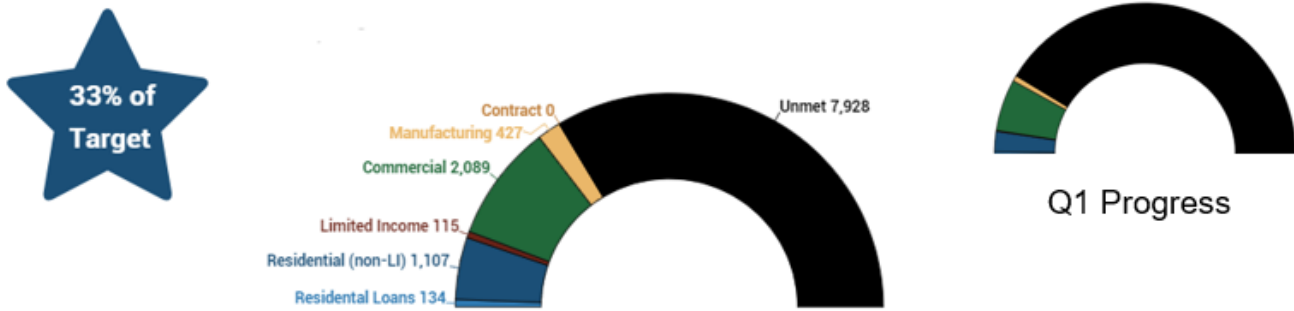
### CUSTOMER DIVISION

### CUSTOMER SOLUTIONS

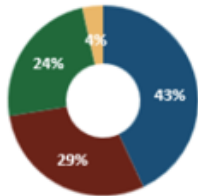
### ENERGY EFFICIENCY

2024 conservation efforts have focused intentionally on the residential sector. This is primarily driven by the availability of State and Federally funded grants which were expected to drive demand. Residential project yield significantly lower energy savings and are more costly. 2024 targets were set lower with the budget allocation unchanged year-over-year to accommodate.

## Q2 2024 Energy Efficiency 3,872 MWh (Target: 11,800 MWh)

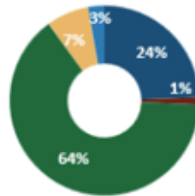


Qtrly Share of Incentives



■ Res Non-Limited Income ■ Res Limited Income ■ Commercial  
■ Manufacturing ■ Residential Loans

Qtrly Share of MWh's Saved



- **33% of Target**  
Energy Efficiency is pacing ahead of 2023 when ytd progress stood at 22%.
- **48% of Budget**  
Budget totals include reimbursable grant payments provided by State and Federal programs.

Efficiency Funding by Sector: Q2 2024 Quarterly Results				
Customer Segment	Projects	Incentives (\$)	MWh saved	\$/MWh
Residential Non-Limited Income	386	\$ 396,000	608	\$ 651
Limited Income*	64	\$ 294,000	89	\$ 3,303
Commercial	11	\$ 232,000	775	\$ 299
Manufacturing	3	\$ 66,000	279	\$ 237
Contract Customers**	0	\$ -	0	NA
<b>Incentivized Conservation</b>	<b>464</b>	<b>\$ 988,000</b>	<b>1,751</b>	
Residential Non-LI Loans	76	\$ 753,000	80	-
<b>Total Conservation</b>	<b>540</b>		<b>1,831</b>	

The cost per MWh for residential conservation has also increased due to higher EWEB incentives. Notably, these costs include State and federally funded grants for which EWEB will be reimbursed:

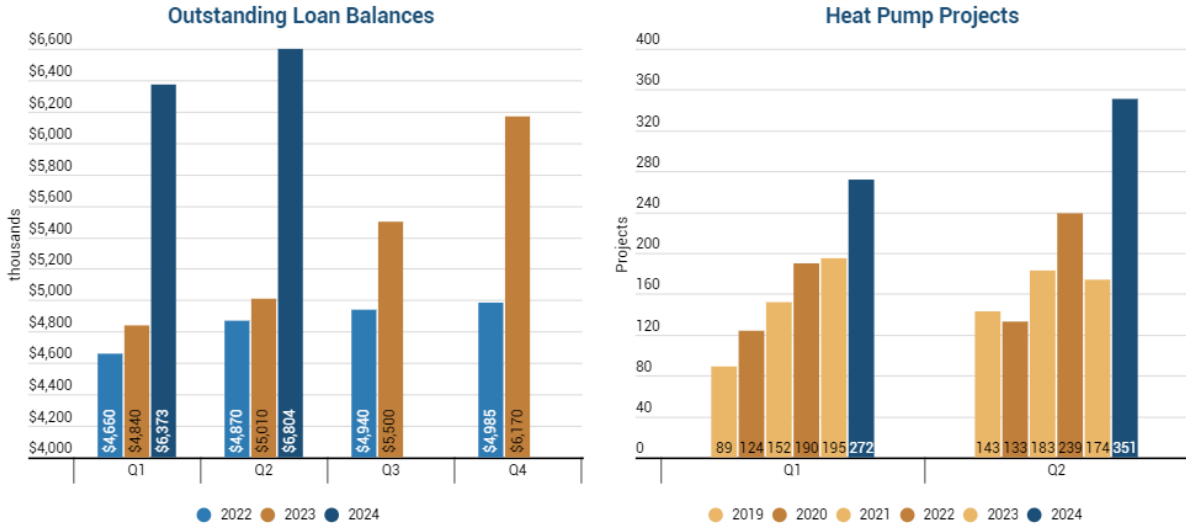
- Community Heat Pump Deployment (CHPD) is administered by Earth Advantage on behalf of the State. Year-to-date, EWEB has distributed \$240k.
- Direct Funding Demonstration (DFD) is a BPA grant for moderate- and median-income households, allowing EWEB to double incentives for this customer segment. Year-to-date, EWEB has distributed \$95k.



# CUSTOMER DIVISION | Q2 2024

## APPENDIX K

### Increasing Demand for EWEB Programs!

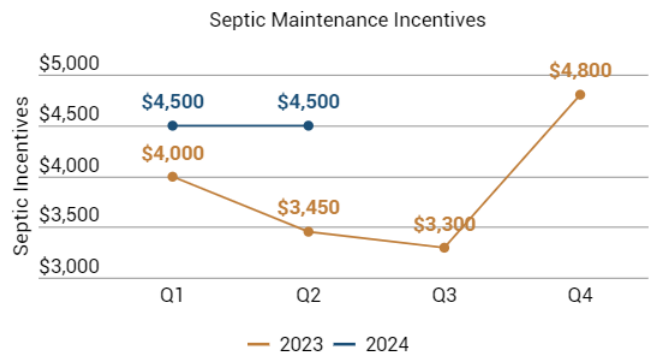
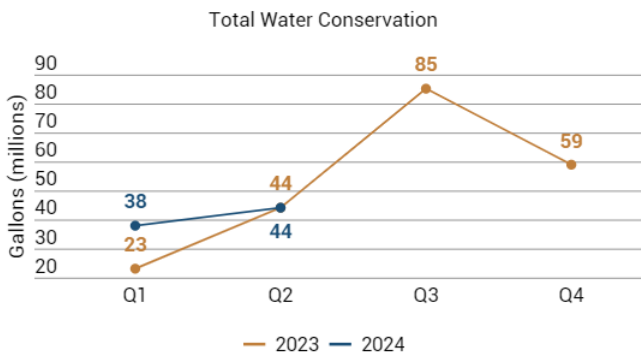


As expected, 2024 has been marked by a high demand for residential programs. Many customers are opting for loans to augment outside grant funding. Both loan balances and project numbers reflect the high volume of projects.

### WATER CONSERVATION & SOURCE PROTECTION

Due to high fixed costs and significant capital investment, water conservation does not benefit EWEB financially. But EWEB programs lower monthly expenses for customers and reflect utility stewardship of public resources. Customer experiences reported through the Leak Detection program have been very positive.

Q2 Program Results	Projects	Incentives	Loans	kGals Saved
Water Efficiency	50	\$4,499		446
Water Line Replacement	3		\$13,345	350
LI Leak Repair	4	\$2,818		388
Leak Detection	1897 Res and 117 GS Customers Contacted			43,019
<b>Total</b>				<b>44,203</b>

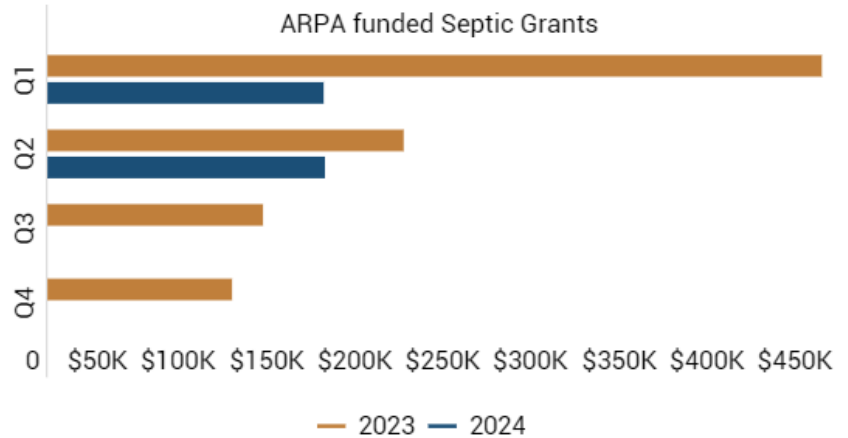




# CUSTOMER DIVISION | Q2 2024

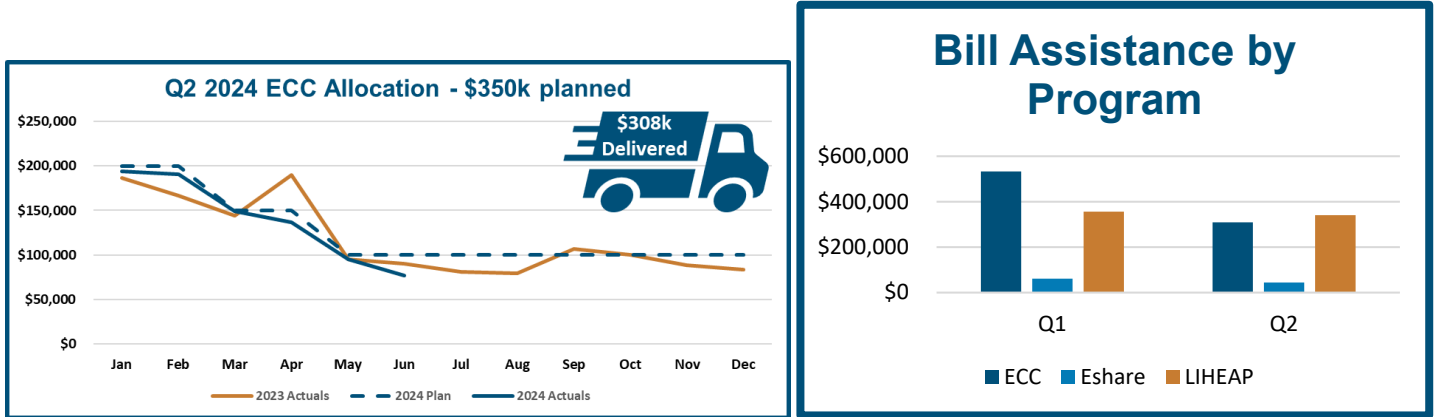
## APPENDIX K

As with Energy Efficiency, the utility is providing customer access to federal grant funding to support septic system replacements and upgrades along the McKenzie. These grants are fully reimbursed through two separate contracts with the Oregon Department of Environmental Quality and Lane County.



### BILL ASSISTANCE

EWEB provides reliable access to utility bill assistance for eligible customers. Spending for both EWEB Customer Care and the Energy Share program are tracking with planned allocations.



Throughout the region, income verification has been impacted by staffing challenges for service providers. Lane County is responsible for distributing LIHEAP funding provided by the federal government. Intake has been slow in the first half of 2024.

### TRANSPORTATION ELECTRIFICATION

EWEB continues to offer popular programs to facilitate EV adoption and charging infrastructure. These programs are entirely funded by State issued Clean Fuels Credits (CFCs), which are then sold into wholesale markets. EWEB receives credits based upon number of EV's registered within its service territory and for energy provided from any owned charging infrastructure. Recently, wholesale pricing for CFCs has trended down. Since 2018, prices have fluctuated within the \$100 - \$150 range. Recent analysis revealed prices in the lower \$30's by 2027.

Staff will continue to monitor wholesale pricing and associated revenue forecasts and will adjust programs and incentives accordingly.