



MEMORANDUM

EUGENE WATER & ELECTRIC BOARD

Rely on us.

TO: Commissioners McRae, Barofsky, Schlossberg, Brown, and Carlson
FROM: Frank Lawson, CEO & General Manager
DATE: May 6, 2024
SUBJECT: 2024-Q1 Quarterly Report
OBJECTIVE: Information

Issue

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

Background/ Discussion

Commissioners, EWEB's quarterly reporting is continuing to be refined to present the most appropriate updates while balancing the quantity of information and availability of staff time. Quarterly reports will focus on updates to the annual organizational goals, including both operational and strategic status. Because we are refining our priorities and reporting approach, the attached report has some performance measures that are in development, in some cases represented by "placeholders".

Management's goal is to create a report that is both useful for management and informative for the Board without creating or duplicating efforts. Over the next few quarters, the report will start to form in two parts; one being Management's summary of the organizational goals, including operational performance measures, with the second being the "dashboards" from specific areas of operations.

Recommendation/Requested Board Action

The quarterly report is presented for informational purposes only.



Eugene Water & Electric Board
Quarterly Report
2024 – Q1

Frank Lawson, CEO & General Manager

Executive Team, Q1-2024

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

EWEB is facing some emerging challenges in the first quarter of 2024. Electric utility net income, or “Change in Net Position” was \$18 million below budget primarily due to storm impacts and generally mild weather throughout the period and will likely not recover before year end. The ice storm also impacted safety metrics, and compliance adherence by diverting resources during response and recovery. Because of the seasonality of water consumption, the Water utility Change in Net Position did not materially deviate from expectations.

Recovering from the electrical net income shortfall in the first quarter will be challenging without significant review of planned projects, expenditures, and investments. The water year forecast in the Columbia basin is forecasted to be well below normal, 80% of mean, which will limit wholesale opportunities while increasing power purchase cost when EWEB needs to utilize the market to meet load. Additionally, both the electrical and water utilities will be reviewing and recommending to the Board increases to reserves given increased volatility and risk going forward.

The ice storm in late January not only impacted customers and EWEB’s financials, but also had some lingering effects including impacts on compliance work, preventative maintenance, safety, and capital projects. Management will be reviewing priorities over the next few weeks in order to make recommendations to the Board.

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

The first quarter saw EWEB’s Commissioners elect Matt McRae and John Barofsky as Board President and Vice President, respectively, and provide direction through the approval of the 2024 Organizational Goals referenced herein. Also in the first quarter, the Board provided guidance and ultimately endorsed the Leaburg Decommissioning Action Plan (LDAP).

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.

Segment	Quarter	Year-To-Date	3-Year Avg. (YTD)	Budget (YTD)	YTD Actual vs. Budget
Retail Electric – Residential	296,460	296,460	311,532	305,345	(8,884)
Retail Electric – Commercial	208,877	208,877	211,290	218,578	(9,701)
Retail Electric – Industrial	112,620	112,620	120,838	107,801	4,819
Retail Electric – Total	617,957	617,957	643,660	631,724	(13,766)
Wholesale Electric	235,370	235,370	393,147	360,807	(125,437)
Total Electric	853,327	853,327	1,036,807	992,531	(139,204)
					(Unfavorable)

Segment	Quarter	Year-To-Date	3-Year Avg. (YTD)	Budget (YTD)	YTD Actual vs. Budget
Retail Water – Residential	541,347	541,347	550,414	527,034	14,313
Retail Water – General Service	582,100	582,100	572,323	547,392	34,708
Retail Water – Total	1,123,447	1,123,447	1,122,737	1,074,426	49,021
Wholesale Water	116,354	116,354	118,643	108,641	7,713
Total Water	1,239,801	1,239,801	1,241,380	1,183,067	56,734
					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.

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 quarter, decreasing consumption. Electric operating revenue ended the quarter at \$83.5 million, unfavorable by \$13.2 million to budget. Additionally, operating expenses were \$4.3 million unfavorable to budget at \$89.7 million. Overall, a \$5.4 million decrease in net position was \$18.3 million below the budgeted \$12.9 million increase in net position for the quarter, which has pushed Working Capital and Rate of Return



results outside of Board targets for the reporting period. In the first quarter, the Board approved soliciting the City of Eugene to authorize EWEB's financing of up to \$64 million in municipal bonds primarily for future capital investments.

While the water utility's major consumption occurs during the drier months, the first quarter financial results were near expectations. Water operating revenue ended the quarter at \$9.8 million, favorable by \$84,000 to budget. Additionally, operating expenses were \$146 thousand favorable to budget at \$10.4 million. Overall, a \$426 thousand decrease in net position was \$283 thousand favorable to the budgeted \$709 thousand decrease in net position for the quarter.

Safety

The January ice storm impacted EWEB's safety measures as evidenced by the elevated OSHA cases per 100K Exposure Hours (EH), which was 1.53 including the storm and 0.78 excluding the storm, respectively. Of the 63 "Good Catch" Reports, the top categories included vehicles (25), unsafe act/condition (21), system/process (12), EWEB facilities (3), and employee security (2).

Table 1-3: Physical Safety

Performance Measure	Result	Result	3-Year Average	Vs. 3-Year Average
	Quarter	Year-To-Date		
Exposure Hours (EH) in Hours	260,000	260,000		
OSHA Cases per 100K (EH)	1.53	1.53	0.43	(1.10)
OSHA Time Loss Days	6	6	3	(3)
"Good Catch" Reports	63	63	64 (in '23/Q1)	(1)

Reliability

Electricity – Water being managed by EWEB for our federal hydroelectric generation allocation is trending below budget for the first quarter and is forecasted to be 90% of normal for the year. The Columbia Basin saw a wide range of temperature departures from normal, with spots of cold temperatures in January and March, but overall was more mild than normal. Hourly price volatility continues, with hourly prices during the January ice storm reaching \$1000/MWh.

EWEB's cumulative annual system outage duration by customer (SAIDI) is above the 5-year average for the quarter, however cumulative annual system interruption frequency by customer (SAIFI) is within 5-year average. Both remain under the comparable utility average benchmark. Due to the 2024 Ice Storm being classified as a major event, associated impacts are not included in these indices, however several feeder outages resulted due to failed equipment and tree related damage after the event.

Indicators representing the ongoing management of assets and resources for the source-to-switch delivery of electricity are shown below.

Table 1-4: Water Forecast for Hydroelectric Generation

Performance Measure	Quarter	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)	89%	87%	85%	87%	80%	76%
Water Availability - Columbia Basin (% of Budget)	98%	97%	95%	96%	89%	84%
Water Availability - McKenzie (% of Mean)	117%	108%	108%	102%	105%	87%
Water Availability - McKenzie (% of Budget)	130%	120%	120%	113%	117%	97%



Table 1-5: Electric (Source-to-Switch) Reliability

Performance Measure	Result	Result	Target	vs. Target	Benchmark (Annual)
	Quarter	Year-To-Date			
Owned Generation Availability					
SAIFI (Events)	0.09	0.09	<0.12	0.03	0.82
SAIDI (Minutes)	22	22	<15	(7)	86
CAIDI (Minutes)	185	185	TBD	TBD	TBD
Preventative Maintenance					
PM Tasks Completed (%)	TBD	TBD	TBD	TBD	TBD
Vegetation Management (Line Miles)	58	58	70	(12)	

SAIFI = System Average Interruption Frequency Index

SAIDI = System Average Interruption Duration Index

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

Drinking Water – Water production levels for the first quarter were normal. Early in the quarter there was significant rainfall in January, totaling approximately three inches above the seasonal average resulting in a peak turbidity level of 123 National Turbidity Units (NTUs). Between January 13th and January 22nd, 2024, the treatment plant faced a series of challenges due to adverse weather conditions, most notably, freezing temperatures and ice accumulation. These challenges included multiple power disruptions, necessitating the use of generators. Additionally, frozen gates and sweep valves required after-hours callouts for maintenance. Furthermore, fallen trees obstructed access to critical infrastructure, prompting swift removal and repairs. Action items identified during post-event evaluations, such as repairs to gates and sweep valves, optimization of fuel management, and coordination with external service providers, are currently being addressed.

Indicators representing the ongoing management of assets and resources for the source-to-tap delivery of water are shown below. Of the eleven (11) water quality complaints received, nine (9) were complaints of dirty water, two taste and odor related, and one of which was high chlorine taste. Customers were called back and worked with to alleviate any concerns.

Table 1-6: 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)	0.02	0.02	<0.15		<0.30 MCL
Delivery – Line Breaks/100 Miles of Pipe	3.6	3.6	3.9	0.3	15.7/Year
Delivery – Unplanned Customer Outages	14				
Delivery – Average Outage Duration (Minutes)	57				
Delivery – Boil Water Notices (#–Duration)	1–24Hr		0		
Tap – Water Quality Complaints	11	11			
Preventative Maintenance					
PM Tasks Completed xx/yy (%)					
PM – Values (2-12")	205 (4%)	205 (4%)	1,250*		
PM – Values (16-20")	287 (98%)	287 (98%)	73**/Year		
ADDITIONAL PM TO BE ADDED					

* 5,000 Per Year

** 293 Per Year

Customer Service and Response

Customer Service was outside the 90-second goal for Average Speed to Answer, averaging 3 minutes. The increase was due to the January ice storm, staff assisting with the Smart Meter deployment project, and training and mentoring a new hire class of thirteen (13) Customer Service Agents in preparation for new information system (EES project) launch later this year. The year-to-date response to customer inquiries is shown in the table below.



Table 1-7: Customer Assistance Response

Performance Measurement	Opportunities	Goal	Actual	Achievement	Opportunities	Achievement
	Year-To-Date			Previous Year		
Customer Calls (Average Speed to Answer)	33,048	<90 Sec.	180 Sec.	59%	125,390	86%
Website/Email	3,285	1 Bus. Day	1 Bus. Day	100%	13,805	100%

Table 1-8: 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	425	587	425	587	2,800	21%	\$558,300	\$950
Residential (Limited Income)	31	32	31	32	300	11%	\$226,544	\$7,158
Residential (Rental)	31	298	159	298				
Commercial/Industrial	23	1,462	23	1,462	9,000	16%	\$212,643	\$145
Total Program	448	2,049	448	2,049	11,800	17%	\$770,943	\$376
Total Peak Reduction (MW)		0.686		0.686				

Table 1-9: 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	29	383	29	383	\$2,050	\$5.35	255	150%
Line Replacement	5	1,354	5	1,354	Loan(s)	Loan(s)	1856	73%
Leak Repair (Limited Income)	9	1,223	9	1,223	\$27,836	\$22.76	1613	76%
Total Program	43	2,960	43	2,960	\$29,886	\$10.10	3724	79%
Leak Detection	1,322	34,620	1,322	34,620			19,000	182%
Total Conservation		37,581		37,581			22,724	165%

Customer Building & Renovation Projects

EWEB received 24 requests for new water service in the quarter, compared to the last year's quarterly average of 25. Construction took an average of 15.5 days in the quarter, slightly slower compared to last year's average of 14 days.

Table 1-10: 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)

EWEB implemented a new high-capacity, low-level outlet for the Leaburg forebay in January, a major near term risk reduction measure. Additionally, EWEB submitted the Leaburg Decommissioning Action Plan (LDAP) and the 5-year Independent Consultant dam safety inspection report for the Carmen-Smith Project to the Federal Energy Regulatory Commission (FERC). EWEB received initial buy in from FERC on a work plan for the required semi-quantitative risk analysis of Trail Bridge sinkholes, of which the plan will be submitted to FERC in early May for approval.

EWEB's Dam Safety Program experienced a setback with the departure of a dam safety engineering specialist in February 2024, but has continued to complete on-time submittals or acquired extensions of time, when necessary, due to the staffing capacity constraints. Of the six (6) submittals due in the quarter, two were completed on time. Four Extension of Time Requests (EOT) were submitted including C-S Dam Safety Surveillance and Monitoring Report (DSSMR), LB-WV DSSMR, LB Vegetation Mgmt Plan, and LB-WV Part 12 FERC review comment responses. Three of these EOT requirements will be submitted in April, with the fourth in July.

Emerging issues at the WALTERVILLE Hydroelectric Project developed in the period, resulting in the unplanned dewatering of the WALTERVILLE Canal in late February due to unexplained worsening of seepage conditions at the forebay. Early detection and intervention response actions were highly successful during the event, and Staff are scoping a repair plan for consideration, including cost to repair.

Recruitments for a replacement engineering specialist and a new regulatory compliance specialist successfully launched in Q1 with new staff expected to join the dam safety team in Q2. Continuous improvement efforts for the department will resume with the onboarding of replacement and expanded staff.

Carmen-Smith License Fulfillment

EWEB is tracking sixty-eight (68) 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 delayed, mostly due to dam safety issues and FERC approval time. Delayed projects are primarily large, complex multi-year efforts, such as permanent fish passage at Trail Bridge Dam.



Similar to National Marine Fisheries Service (NMFS) in December, the U.S. Fish and Wildlife Service (USFWS) submitted their formal notice of withdrawal from the C-S Settlement Agreement and requested reinitiation of ESA Consultation with FERC. Uncertainty over FERC's response to NMFS/USFWS reinitiation of ESA request leaves EWEB exposed to significant changes in requirements (ex. volitional fish ladder vs. trap and haul). Recently, in April, FERC DHAC issued an Order to EWEB in response to numerous EWEB filings, Extension of Time Requests (EOTs), and general project status. EWEB has sixty (60) days to prepare a response to one specific item in the Order and ninety (90) days to respond to the remaining two specific items. FERC's Order did not address the reinitiation of ESA Consultation.

EWEB is forecasting considerable 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. Further details on the project will be presented at the June meeting of the EWEB Commissioners.

North American Electric Reliability Corporation (NERC)

In the first quarter, EWEB was informed that the onsite NERC audit will be cancelled due to the demonstration of a positive compliance history, controls, and culture. Prior to the cancellation, an internal controls audit was nearing completion which included a review of evidence, standards documentation, and audit readiness. EWEB will continue with the internal audit and will include updates next quarter based on recommendations received from the consultant.

Lead & Copper Rule (Safe Drinking Water Act)

Since the Safe Drinking Water Act was established in 1974, EWEB has never been non-compliant. In January EWEB Water crews finished up the Service Line Inventory work pertaining to new Lead & Copper Rule requirements.

Oregon PUC (OPUC) Inspections/Corrections

The overall 5-year PUC replacement and renewal workflow is behind schedule by approximately one year. Rewire work for non-compliant residence secondaries is underway using an electrician contract approved by the board in recent months. A Request-for-Proposal for a design consultant is underway to supplement internal design bandwidth and catch up on this backlog. Compliance management staff are developing a gap assessment of the backlog and planning for accelerated completion within the compliance cycle.

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 90% of 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 will be created in the second and third quarters to begin implementing before year-end.

The Employee Engagement survey was proctored in February and results were received in March. The Executive Team and EWEB leadership are reviewing results and determining potential opportunities. Results will be released to all employees in May, with drop-in discussion sessions scheduled for shortly after.

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		✓			

“Season 1” of the EES Program, including a new Customer Information System and Financial System, has progressed from the scoping/design (i.e. “imagine”) phase to the “build” and testing phase. As of the end of the quarter, the goal remains to “go live” with the new system by year-end despite some slippage in project schedule. The first of five testing cycles is scheduled to be completed by the end of April. Cleaning, converting, and migrating EWEB data from legacy systems for load into SAP showed a 90% accuracy rate indicating adherence to our guiding principle of maintaining standard configurations. Some costs are coming in higher than anticipated due to the complexity of integrations with external vendors and existing legacy systems. Through Q1 2024, \$14.7 million of the total “Season 1” CIS/Finance project cost of \$25.4 million has been spent, with a forecasted total cost of \$27.2 million to complete this phase.

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.



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 recommend edits, where appropriate, and is reviewing the Cost-of-Service Analysis for multiple years. 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 new contracts be signed by December of 2025. 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 potential for additional energy efficiency, electrification, demand response, and customer-owned solar generation, pending board consideration. Results expected in two phases: December of 2024 and April 2025.

Engage Large Local Generators

EWEB’s agreement with International Paper has been extended through 2028. Initial discussions with Sierra Pacific are expected in the coming months. Discussions with UO around on-site generation have been ongoing.

Market Evolution Impact Analysis

Xxxxx

Develop New IRP Modeling Tools

Staff have acquired significant training in and have improvements to the existing Aurora model and is conducting exploratory testing of the results now. Staff have also acquired training in and access to alternative tools and are actively exploring the advantages and disadvantages these in partnership with other regional utilities.

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		✓			

Although EWEB has not fully developed a formal internal exploration, evaluation, and review process, the following tables represent the status of several grants.

Grants Received in 2024

Agency	Grant	Amount
Oregon Emergency Management	State Preparedness & Incident Response Equipment Grant	Equipment/Portable Water Tanker

Grants Applied/Awaiting Outcome

Agency	Grant	Amount
Oregon Health Authority	Drinking Water Source Protection Grant	\$50,000
US Department of Agriculture	Community Wildfire Defense Grant	\$6,930,000
Department of Energy	Section 247: Maintaining and Enhancing Hydroelectric Facilities	\$5,000,000

Upcoming Grant Opportunities with Applications in Development

Agency	Grant	Amount
Oregon Department of Energy	Community Renewable Energy Grant*	\$1,000,000
Oregon Department of Energy	Grid Resilience Grant	\$800,000
Federal Emergency Management Agency	Public Assistance**	\$6,500,000
Federal Emergency Management Agency	Building Resilient Infrastructure & Communities	TBD
Oregon Department of Energy	Climate Pollution Reduction Grant	TBD

* In partnership with Bethel School District

** Final total amount to be determined

ELECTRIC UTILITY FINANCIAL STATEMENT (EL1) | Q1 2024

APPENDIX A

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

(In millions)	Three Months Ended March 31,		YTD Budget Comparison	
	2024	2023	Budget \$	Variance
	Operating revenues	\$ 83.5	\$ 87.6	\$ 96.7
Operating expenses	89.7	81.7	85.4	(4.3)
Net operating income (loss)	(6.2)	5.9	11.3	(17.5)
Non-operating revenues	1.8	2.7	2.5	(0.7)
Non-operating expenses	1.9	1.7	1.7	(0.2)
Income (loss) before capital contributions	(6.3)	6.9	12.1	(18.4)
Capital contributions	0.9	0.6	0.8	0.1
Increase/(Decrease) in net position	\$ (5.4)	\$ 7.5	\$ 12.9	\$ (18.3)

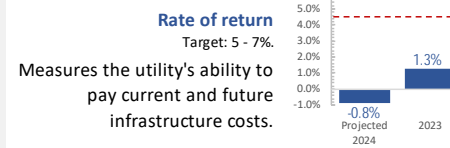
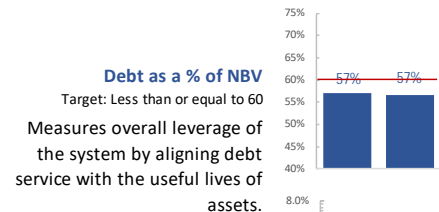
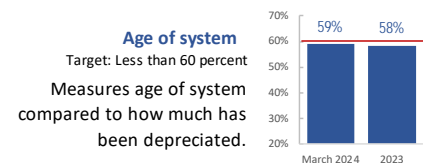
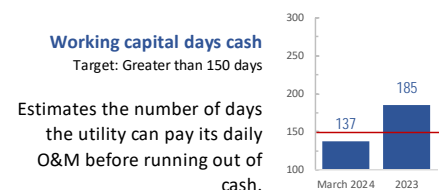
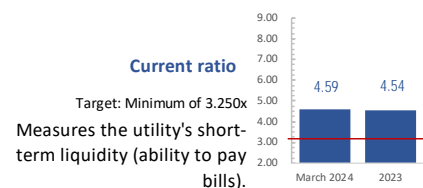
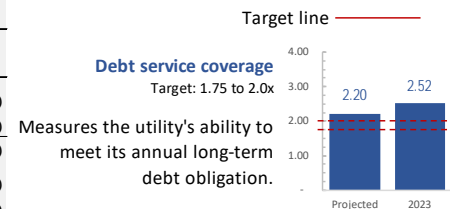
ELECTRIC CONDENSED STATEMENT OF NET POSITION (Unaudited)

(In millions)	March 31,		December 31,
	2024	2023	2023
	Current assets	\$ 165.9	\$ 216.2
Net utility plant	443.9	430.0	443.2
Other assets	71.9	51.7	113.8
Total assets	681.7	697.9	691.5
Deferred outflows of resources	26.6	33.8	26.7
Total assets and deferred outflows	\$ 708.3	\$ 731.7	\$ 718.2
Current liabilities	\$ 36.2	\$ 42.9	\$ 40.1
Long-term debt	195.8	205.9	196.3
Other liabilities	62.1	57.2	62.0
Total liabilities	294.1	306.0	298.4
Deferred inflows of resources	12.0	24.0	12.2
Total net position	402.2	401.7	407.6
Total liabilities, deferred inflows, and net position	\$ 708.3	\$ 731.7	\$ 718.2

ELECTRIC CONDENSED CAPITAL BUDGET COMPARISON (Unaudited)

(In millions)	YTD	Annual Working Budget	
	3/31/2024	Budget \$	% of Budget
	Type 1 - General capital	\$ 5.8	\$ 22.7
Type 2 - Rehabilitation and expansion	5.6	23.0	24.3%
Type 3 - Strategic projects	1.6	24.3	6.6%
Total capital	\$ 13.0	\$ 70.0	18.6%

FINANCIAL STRENGTH MEASUREMENTS



WATER UTILITY FINANCIAL STATEMENT (EL1) | Q1 2024

APPENDIX B

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

(In thousands)

	Three Months Ended March 31,		Budget Comparison	
	2024	2023	Budget \$	Variance
Operating revenues	\$ 9,787	\$ 8,995	\$ 9,703	\$ 84
Operating expenses	10,288	9,165	10,434	146
Net operating income (loss)	(501)	(170)	(731)	230
Non-operating revenues	647	966	639	8
Non-operating expenses	996	751	981	(15)
Income (loss) before capital contributions	(850)	45	(1,073)	223
Capital contributions	424	793	364	60
Increase in net position	\$ (426)	\$ 838	\$ (709)	\$ 283

WATER CONDENSED STATEMENT OF NET POSITION (Unaudited)

(In millions)

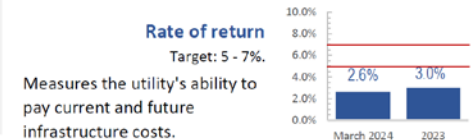
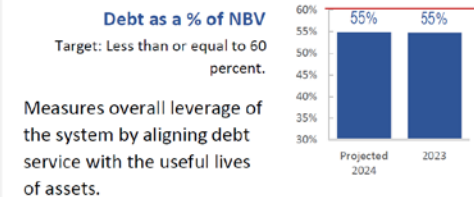
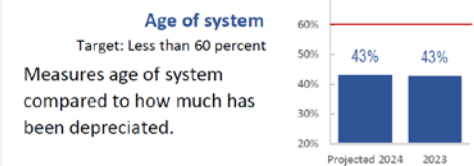
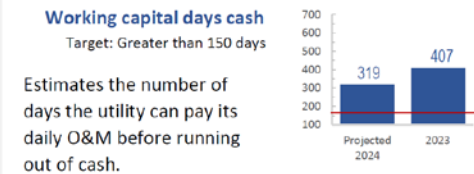
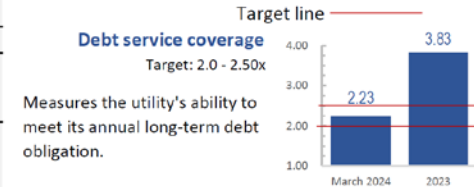
	March 31,		December 31,
	2024	2023	2023
Current assets	\$ 71.2	\$ 38.3	\$ 79.1
Net utility plant	259.6	237.0	257.4
Other assets	13.2	12.0	10.8
Total assets	344.0	287.3	347.3
Deferred outflows of resources	8.1	10.6	8.2
Total assets and deferred outflows	\$ 352.1	\$ 297.9	\$ 355.5
Current liabilities	\$ 8.1	\$ 6.2	\$ 11.0
Long-term debt	112.4	68.5	112.7
Other liabilities	19.8	18.2	19.6
Total liabilities	140.3	92.9	143.3
Deferred inflows of resources	3.6	7.5	3.6
Total net position	208.2	197.5	208.6
Total liabilities, deferred inflows, and net position	\$ 352.1	\$ 297.9	\$ 355.5

WATER CONDENSED CAPITAL BUDGET COMPARISON (Unaudited)

(In thousands)

	YTD	Annual Working Budget	
	3/31/2024	Budget \$	% of Budget
Type 1 - General capital	\$ 2,363	\$ 11,210	21.1%
Type 2 - Rehabilitation and expansion	\$ 3,890	17,138	22.7%
Type 3 - Strategic projects	\$ 139	2,625	5.3%
Total capital	\$ 6,392	\$ 30,973	20.6%

FINANCIAL STRENGTH MEASUREMENTS



ELECTRIC UTILITY EL1 CAPITAL REPORT | Q1 2024

APPENDIX C

	ANNUAL BUDGET		2024 ACTUAL	% OF BUDGET	YEAR-END PROJECTION
	APPROVED	WORKING			
TYPE 1 - GENERAL CAPITAL					
Generation Infrastructure	\$ 1,937,000	\$ 1,937,250	\$ 527,700	27%	\$ 1,025,000
Substation Infrastructure	2,966,000	2,966,250	375,300	13%	3,000,000
Transmission & Distribution Infrastructure	8,561,000	8,560,125	3,628,900	42%	8,497,300
Telecommunications	940,000	939,751	101,900	11%	934,300
Downtown Network	1,198,000	1,198,050	291,000	24%	1,599,500
Information Technology	4,039,000	4,039,190	97,500	2%	4,039,200
Buildings, Land, & Fleet	3,023,000	3,022,738	786,500	26%	3,022,700
TOTAL TYPE 1 PROJECTS	\$ 22,664,000	\$ 22,663,354	\$ 5,808,800	26%	\$ 22,118,000
TYPE 2 - REHABILITATION & EXPANSION PROJECTS					
Buildings & Land	\$ 5,270,000	\$ 3,274,992	\$ 90,400	3%	\$ 3,275,000
Electric T&D - Master Plan	2,100,000	2,100,000	1,994,400	95%	4,669,600
Distribution Resiliency Upgrades	1,617,000	1,617,000	26,200	2%	400,000
Infrastructure - Generation	1,050,000	3,044,999	13,100	0%	2,200,000
Electric Meter Upgrade	3,961,000	3,961,440	413,600	10%	3,683,700
Information Technology	9,006,000	9,006,228	3,423,000	38%	13,887,500
TOTAL TYPE 2 PROJECTS	\$ 23,004,000	\$ 23,004,659	\$ 5,960,700	26%	\$ 28,115,800
TYPE 3 - STRATEGIC PROJECTS & PROGRAMS					
Carmen-Smith Relicensing	\$ 24,255,000	\$ 24,255,000	\$ 1,574,900	6%	\$ 19,000,000
TOTAL ELECTRIC CAPITAL PROJECTS	\$ 69,923,000	\$ 69,923,014	\$ 13,344,400	19%	\$ 69,233,800

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 | Q1 2024

APPENDIX D

	ANNUAL BUDGET		2024 ACTUAL	% OF BUDGET	YEAR-END PROJECTION
	APPROVED	WORKING			
TYPE 1 - GENERAL CAPITAL					
Source - Water Intakes & Filtration Plant	\$ 1,075,000	\$ 1,076,000	\$ 374,300	35%	\$ 1,580,000
Distribution & Pipe Services	4,852,000	7,154,001	1,693,600	24%	8,200,000
Distribution Facilities	3,290,000	987,000	283,600	29%	1,060,000
Information Technology	1,070,000	1,069,690	11,000	1%	1,000,000
Buildings, Land, & Fleet	923,000	923,093	-	0%	923,000
TOTAL TYPE 1 PROJECTS	\$ 11,210,000	\$ 11,209,784	\$ 2,362,500	21%	\$ 12,763,000
TYPE 2 - REHABILITATION & EXPANSION PROJECTS					
Distribution Facilities	5,250,000	5,250,000	412,400	8%	6,000,000
Distribution & Pipe Services	6,510,000	6,510,000	1,494,200	23%	7,000,000
Buildings & Land	1,034,000	1,034,208	28,600	3%	1,000,000
Water Meter Upgrade	1,500,000	1,500,000	873,800	58%	2,000,000
Information Technology	2,844,000	2,844,072	1,080,900	38%	4,386,000
TOTAL TYPE 2 PROJECTS	\$ 17,138,000	\$ 17,138,280	\$ 3,889,900	23%	\$ 20,386,000
TYPE 3 - STRATEGIC PROJECTS & PROGRAMS					
Emergency Water Supply	2,100,000	2,100,000	18,800	1%	400,000
Second Source	525,000	525,000	120,400	23%	500,000
TOTAL TYPE 3 PROJECTS	\$ 2,625,000	\$ 2,625,000	\$ 139,200	5%	\$ 900,000
TOTAL WATER CAPITAL PROJECTS	\$ 30,973,000	\$ 30,973,064	\$ 6,391,600	21%	\$ 34,049,000

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 | Q1 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.

Electric T&D – Strategic Projects

Currin Substation Rebuild: Project initiated early 2020 and construction in progress, expected to last through Mid-September 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:	\$13,418,515
Projected Completion:	Sep - 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:	\$2,536,000
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. Total cost does not yet include real property acquisitions that are needed for risk reduction measures.

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

Carmen-Smith License Deployment

The total final cost projection has increased by \$20 million relative to 2023 projections, 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.

Project Initiation:	Nov - 2016	Initial Scope Budget:	\$139,000,000
Initial Planned Completion:	Dec - 2027	Actual Project Costs To-Date:	\$95,164,000
Projected Completion:	Dec - 2030	Total Final Cost Projection:	\$194,000,000

CAPITAL SPENDING SUMMARY | Q1 2024

APPENDIX E

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 Q1 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:	\$258,000
Projected Completion:	Dec 2026	Total Final Cost Projection:	\$34,000,000

E. 40th Project

Project Initiation:	2018	Initial Scope Budget:	\$10,250,000*
Initial Planned Completion:	Dec 2021	Actual Project Costs To-Date:	\$25,724,000
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 anticipated to be 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:	\$5,017,000
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.

AMI Water Meter Upgrade

Project Initiation:	2018	Initial Scope Budget:	\$17,828,000
Initial Planned Completion:	2021	Actual Project Costs To-Date:	\$17,552,000
Projected Completion:	2025	Total Final Cost Projection:	\$19,000,000



CAPITAL SPENDING SUMMARY | Q1 2024

APPENDIX E

TYPE 3 – STRATEGIC PROJECTS AND PROGRAMS

Emergency Water Supply¹

Construction of new emergency distribution sites is anticipated to end in Q2- 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:	\$2,492,000
Projected Completion:	2024	Total Final Cost Projection:	\$2,600,000

Second Source of Supply – 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.

¹ Emergency Water Supply reporting relates to City of Eugene’s CAP2.0 action item R20 (install emergency water stations)

CONTRACTS REPORT | Q1 2024

APPENDIX F

Contract Execution Date	Contractor	City, State	Contract Title, Detailed Description	Expiration Date	Contract Amount	Contract Process	Executive Manager
1/8/24	AMCL	New York, NY	Strategic Asset Management Plan (EES)	12/31/24	\$ 134,600.00	Formal RFP	Karen Kelley
1/9/24	David Evans and Associates	Portland, OR	5 Pole FEMA Fire Hardening Project	04/19/24	\$ 41,500.00	Direct Negotiation	Rod Price
1/9/24	Wildish	Eugene, OR	Emergency Transmission Road Improvements	03/01/23	\$ 50,000.00	Direct Negotiation	Karen Kelley
1/11/24	Cameron McCarthy Landscape Architecture & Planning	Eugene, OR	College Hill Reservoir Replacement Landscape Architecture Services	12/31/26	\$ 70,000.00	Direct Negotiation	Karen Kelley
1/22/24	Harris SmartWorks	Ontario, Canada	MDM Integration with SAP (EES)	12/31/24	\$ 93,100.00	Direct Negotiation	Travis Knabe
1/22/24	WRK Engineers	Vancouver, WA	On-Call Structural Engineering Consulting	12/31/26	\$ 95,000.00	Direct Negotiation	Karen Kelley
2/5/24	Lac-Mac Limited	London Ontario, Canada	Price Agreement - FR/ARC Raingear	02/04/29	\$ 100,000.00	Informal ITB	Karen Kelley
2/22/24	Foundation Engineering	Corvallis, OR	College Hill Reservoir Geotechnical Services	12/31/26	\$ 60,000.00	Direct Negotiation	Karen Kelley
2/22/24	Jacobs	St. Louis, MO	Leaburg Walterville 2023 DSSMR Support	03/27/24	\$ 71,705.00	Direct Negotiation	Karen Kelley
2/26/24	American Specialty Health Fitness, Inc. dba Active&Fit and EngageFitness	San Diego, CA	Employee Gym Membership Benefit	12/31/24	\$ 55,000.00	Quotes	Rod Price
2/26/24	PBS Engineering & Environmental, Inc.	Eugene, OR	Environmental Consulting & Soil Testing	03/31/29	\$ 75,000.00	Direct Negotiation	Karen Kelley
2/29/24	United Sales Associates	Lake Oswego, OR	Battery Banks & Racks	03/01/27	\$ 133,515.00	Formal ITB	Karen Kelley
3/1/24	SEL	Pullman, WA	Arc Flash Protection Study	06/30/24	\$ 50,411.00	Direct Negotiation	Karen Kelley
3/6/24	Schnabel	Seattle, WA	2024 Dam Safety Surveillance Monitoring Report	03/31/24	\$ 57,872.00	Direct Negotiation	Karen Kelley
3/6/24	Pyrologix	Los Altos, CA	Wildfire Threat Mapping	10/31/23	\$ 149,900.00	Direct Negotiation	Karen Kelley
3/8/24	Black & Veatch Corporation	Tualatin, OR	Trail Bridge - Evaluation for Low Load Operation	06/28/24	\$ 45,404.00	Direct Negotiation	Karen Kelley
3/15/24	US Bank	Portland, OR	Trustee and Custodial Services	03/14/29	\$ 149,000.00	Direct Negotiatoin	Deborah Hart
3/19/24	HDR Engineering, Inc.	Portland, OR	42-Inch Millrace Crossing Alternatives Evaluation	06/25/24	\$ 99,278.00	Direct Negotiation	Karen Kelley
*03/28/24	Utility Pole Solutions, Inc.	Las Vegas, NV	Steel Poles for HBSS-W3 Transmission Line Rebuild	05/01/24	\$ 405,611.20	Emergency Purchase	Karen Kelley

* Purchase made as a result of January 2024 Ice Storm ICS 01.11.24 - Findings on file (EM-102 in Purchasing)

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

COMMUNITY INVESTMENT | Q1 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.

\$5,728,557*

Invested in Q1

**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 | Q1 2024

APPENDIX G

SPONSORSHIPS, DONATIONS, GRANTS & MUTUAL AID

	JAN-JUNE 2024 EDUCATION GRANTS	\$130,000
	Eugene 4J School District	\$11,000
	McKenzie School District	\$24,500
	Springfield School District	
	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.	
	NORTHEAST NEIGHBORS ASSOCIATION	\$448
	Meeting	
	03/05/24 - EWEB donated thirty-two (32) 3-gallon emergency water containers to meeting attendees. Approximate value is \$14 per unit.	
	HIV ALLIANCE¹	\$39,790
	2023 Electric Mobility Community Grant	
	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.	
	EUGENE 4J SCHOOL DISTRICT²	\$15,078
	2024 EV Challenge	
	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.	
	MCKENZIE FIRE & RESCUE	\$350
	2024 Ice Storm	
	EWEB donated twenty-five (25) 3-gallon emergency water containers for customers in need upriver. Approximate value is \$14 per unit.	
		\$221,166

¹ 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).

² 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 | Q1 2024

APPENDIX G

CUSTOMER SOLUTIONS PRODUCTS AND SERVICES

ENERGY EFFICIENCY INCENTIVES³

	EWEB ENERGY EFFICIENCY PROGRAMS Incentives – Residential Q1 - 425 residential projects.	\$558,333
	EWEB ENERGY EFFICIENCY PROGRAMS Incentives - Non-residential Q1 - 22 commercial projects. 1 industrial projects.	\$212,643
	EWEB ENERGY EFFICIENCY PROGRAMS Incentives - Efficient Growth Q1 - 33 residential heating conversions.	\$21,800
	EWEB ENERGY EFFICIENCY PROGRAMS⁴ Transportation Electrification Q1 - 51 residential EV chargers, 141 electric bikes. 2 EVSE grants. 2 transportation electrification grants.	\$132,441
	EWEB GREENPOWER PROGRAM Solar Electric Incentives Q1 - 17 residential projects.	\$19,391
	EWEB WATER CONSERVATION PROGRAMS Hand Valve and Toilet Rebates, Septic Maintenance Incentives Q1 - 27 efficient toilets, 25 hand valves and 15 septic pumping rebates.	\$8,275
		\$952,883

³ 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.




⁴ 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 | Q1 2024

APPENDIX G

LIMITED INCOME ASSISTANCE⁵

	EWEB CUSTOMER CARE PROGRAM Limited Income Energy Assistance Q1 - 1904 customers served through ECC program (\$533,205), 379 through Energy Share (\$61,455), and 20 through Community Partner Care (\$9,594).	\$604,254
	EWEB LIMITED INCOME ASSISTANCE Electric Line Repair Grants (Income eligible) Q1 - 4 grants.	\$11,235
	EWEB WATER CONSERVATION PROGRAMS Water Line Repair Grants (Income eligible) Q1 - 9 grants.	\$27,836
		\$643,325

HOLIDAY FARM FIRE INCENTIVES AND GRANTS

	WATER SOURCE PROTECTION Infrastructure/Homesite Relocation Q1 – None	\$0
	WATER SOURCE PROTECTION DEQ Holiday Farm Fire Grant Q1 – 7 grants.	\$79,908
	WATER SOURCE PROTECTION Lane County Holiday Farm Fire Grant Q1 - 7 grants.	\$69,687
	REDUCE FIRE RISK / IMPROVE RELIABILITY Relocate Overhead Electric Service to Underground Q1 – 1 project.	\$8,760
		\$158,355

⁵ EWEB’s Limited Income Assistance Programs relate to City of Eugene’s CAP2.0 Building Energy action item B11.







COMMUNITY INVESTMENT | Q1 2024

APPENDIX G

ENERGY AND WATER LOANS

Q1 Q2 Q3 Q4 TOTAL

 EWEB ENERGY EFFICIENCY PROGRAMS⁶ Loans – Residential Q1 - 74 residential loans (including 9 for conversions to electric heat).					\$707,489
 EWEB WATER CONSERVATION PROGRAMS Water Line Repair & Septic Repair/Replacement Loans Q1 - 5 water line replacement loans. Septic loans were not expected due to grants available.					\$30,758
 EWEB RESILIENCY PROGRAM Generator Loan Program Q1 - 1 loan.					\$4,000
 EWEB ELECTRIC SERVICE LINE UPGRADE LOAN PROGRAM Electric Service Line Upgrade Loan Program Q1 - 3 loans.					\$7,001
					\$749,258

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



COMMUNITY INVESTMENT | Q1 2024

APPENDIX G

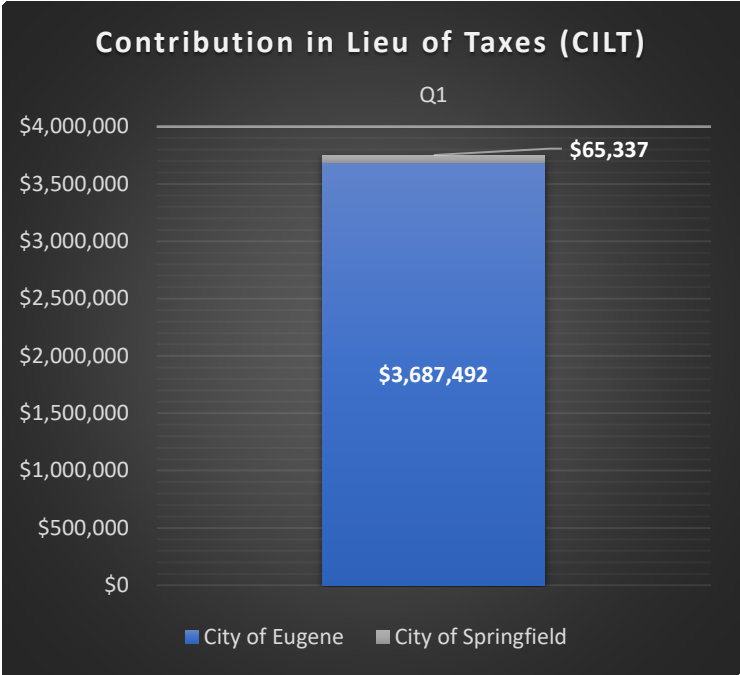


CONTRIBUTIONS IN LIEU OF TAXES (CILT)

TOTAL \$3,752,828

Q1

City of Eugene	\$3,687,492
City of Springfield	\$65,337



COMMUNITY INVESTMENT | Q1 2024

APPENDIX G



EWEB AMBASSADOR EFFORTS AND EVENTS (PAID)

EWEB Ambassadors provided almost 290 hours of services to the Community this quarter.

Q1 COMMUNITY

[College Hill Historic Mitigation Meeting #2](#)

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.

LOCAL HIGHSCHOOL STUDENTS / CONNECTED LANE COUNTY

[Career Day](#)

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.

KIWANIS CLUB OF EUGENE

[Bi-weekly Club Meeting](#)

03/20/24 - GM Lawson and Commissioner Brown presented general state of the utility information.

PRESCHOOL PROMISE EARLY EDUCATION PROGRAM

[Community Helpers monthly lesson theme](#)

03/18/24 - Short presentation on Electric and Water Safety for 3–5-year-olds.

MCKENZIE SCHOOL

[High Banks Experimental Carbon Sequestration Forest Tour](#)

03/08/24 - Field trip of High Banks Forest, with soil sampling and measurements

FULL ACCESS!

[Prepare-A-Palooza: Emergency Preparedness Fair](#)

03/06/24 – The Emergency Preparedness Fair, free & open to the public, offers information tailored towards the intellectual & developmental disability community, their families, & caregivers.

NORTHEAST NEIGHBORS

[Association Meeting](#)

Staff Water Engineer, Nathan Endicott presented to the NeN Association on Emergency Water Storage and handed out 32 emergency water bottles.

MCKENZIE FIRE AND RESCUE

[Community Meeting](#)

03/02/24 - Discussion on emergency planning and preparedness, agencies and organizations, and review lessons learned following the recent ice storm.



COMMUNITY INVESTMENT | Q1 2024

APPENDIX G

EMERALD EMPIRE CHAPTER OF THE NW STEELHEADERS

[Presentation](#)

02/27/24 - Leaburg Decommissioning Action Plan Team presented about the LDAP and future stakeholder engagement opportunities.

ROTARY CLUB OF EUGENE AIRPORT

[Presentation](#)

02/22/24 - AGM Price and Commissioner Carlson presented general state of the utility information.

PROFESSIONAL WOMEN'S FORUM

[Emergency Preparedness](#)

02/05/24 - EWEB Resiliency Program Manager Jeannine Parisi presented on emergency preparedness.

UO ENVIRONMENTAL LEADERSHIP PROGRAM

[High Banks Experimental Carbon Sequestration Forest Tour](#)

02/04/24 - UO students and faculty explored the High Banks project and took soil samples.

MCKENZIE SCHOOL

[Hayden Bridge Filtration Plant Tour](#)

01/26/24 - 12 students and 2 teachers toured the Hayden Bridge Filtration Plant learning about the filtration process.

There were no volunteer efforts/events, system development (SDC) waivers, or water truck and electric trailer deployments in the first quarter of 2024.

UPCOMING AND/OR COMMITTED EFFORTS AND INVESTMENTS

SPRINGFIELD SCHOOL DISTRICT (ACADEMY OF ARTS AND ACADEMICS)

[Tour of Leaburg/Walterville](#)

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.

MCKENZIE SCHOOL

[Photography Class](#)

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.

EQUITY AND COMMUNITY CONSORTIUM

[Communities of Color and Allies Network First Friday](#)

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).



COMMUNITY INVESTMENT | Q1 2024

APPENDIX G

UNIVERSITY OF OREGON

[Summit for Sustainable Organizations Conference](#)

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.

NW LINE JOINT APPRENTICESHIP TRAINING COMMITTEE

[Utility Visit for NW Line JATC 1st and 3rd year](#)

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.

EUGENE SUSTAINABILITY COMMISSION

[Presentation](#)

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.

EUGENE 4J SCHOOL DISTRICT

[Tour of Hayden Bridge](#)

04/22/24 - Day 1: 28 students touring Hayden Bridge as part of Rachel Carson Environmental Science Academy, Churchill High School

CAL YOUNG NEIGHBORHOOD ASSOCIATION

[Meeting](#)

04/23/24 – GM Lawson and Commissioner Brown presented general state of the utility information.

EUGENE 4J SCHOOL DISTRICT

[Tour of Hayden Bridge](#)

04/25/24 - Day 2: 28 students touring Hayden Bridge as part of Rachel Carson Environmental Science Academy, Churchill High School

JAN-JUNE 2024 EDUCATION GRANTS

[Bethel School District](#)

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 to Bethel School District)



COMMUNITY INVESTMENT | Q1 2024

APPENDIX G

UNITED WAY OF LANE COUNTY, EARTHSHARE, EWEB'S ENERGY SHARE, BLACK UNITED FUND OF OREGON, OUR CHILDREN OREGON

EWEB's Annual Employee Giving Campaign

05/06/24 - 05/17/24 – The annual campaign offers employees the opportunity to donate money to United Way of Lane County, EarthShare, Black United Fund of Oregon, Our Children Oregon, and their associated federation charities, EWEB's Energy Share program and other employee-selected charities via payroll deduction, credit card or check.

EWEB ENERGY SHARE PROGRAM

6th Annual Golf Scramble "Fore" Employees

05/10/24 - The event is open to EWEB employees and their guests. All proceeds go to EWEB's Customer Care (Energy Share) program.

SOUTH HILLS NEIGHBORHOOD ASSOCIATION (SHINA)

Meeting

05/15/24 – EWEB staff will attend and provide information on wildfire mitigation and general Q&A.

FRIENDLY AREA NEIGHBORS

Monthly Board Meeting

05/21/24 - EWEB staff will provide an update on the College Hill Reservoir project.

COMMUNITY EVENT

College Hill Reservoir Farewell Celebration

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 & 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.

ELECTRIC DIVISION | Q1 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

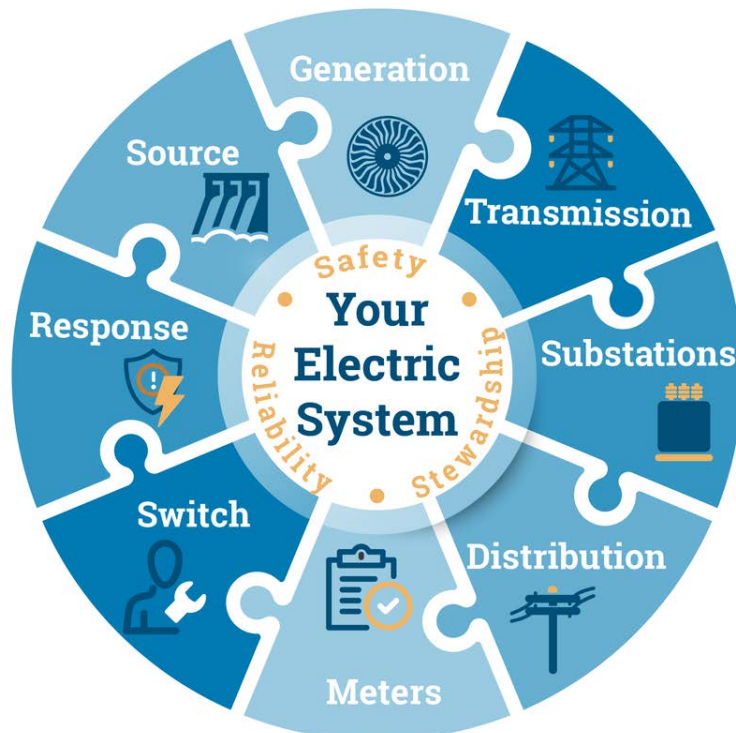
Miles of vegetation removal annually



13

Regulatory bodies oversee safety & reliability

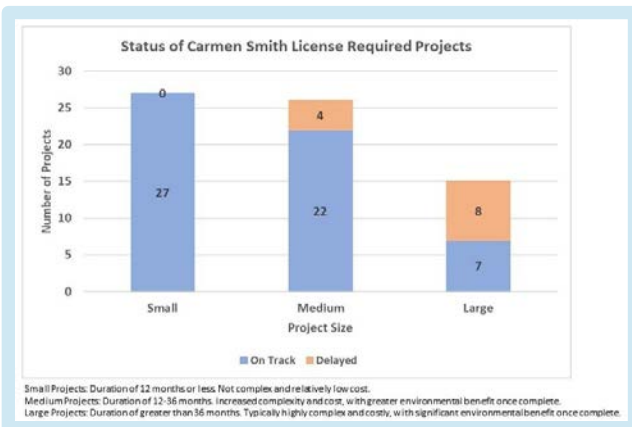
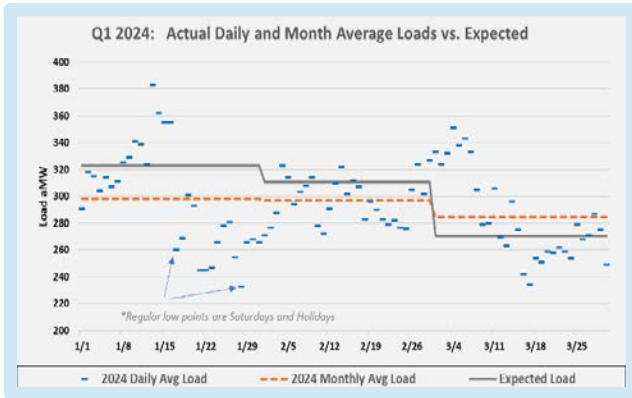
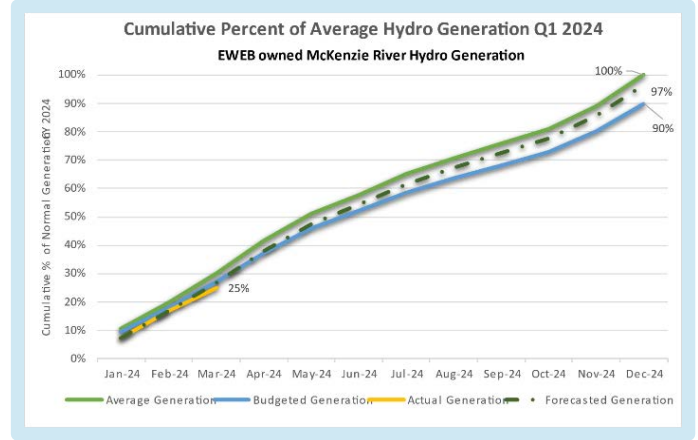
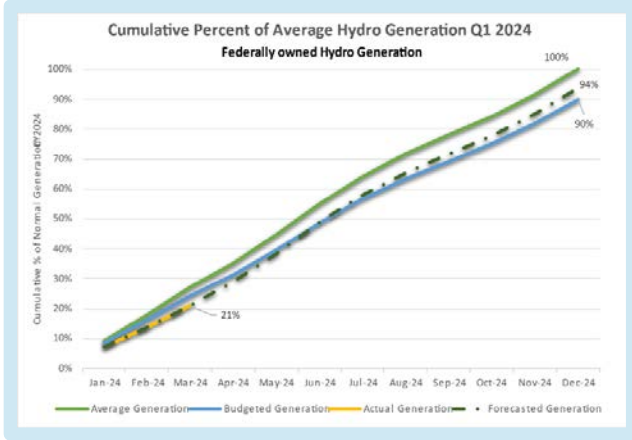
Your electric bill supports clean, safe, and reliable power from source to switch.



ELECTRIC DIVISION | Q1 2024

APPENDIX H

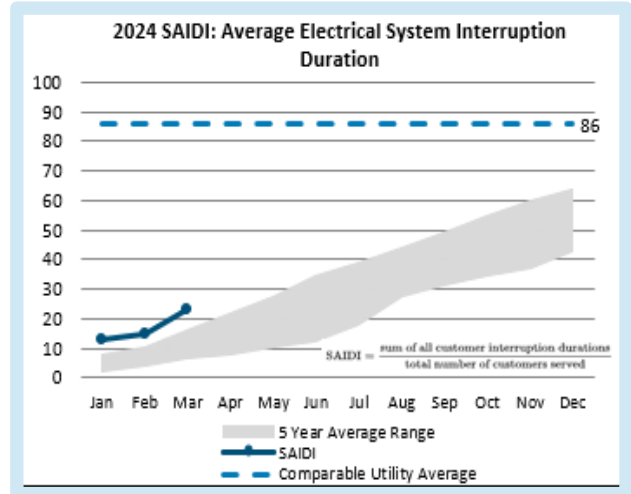
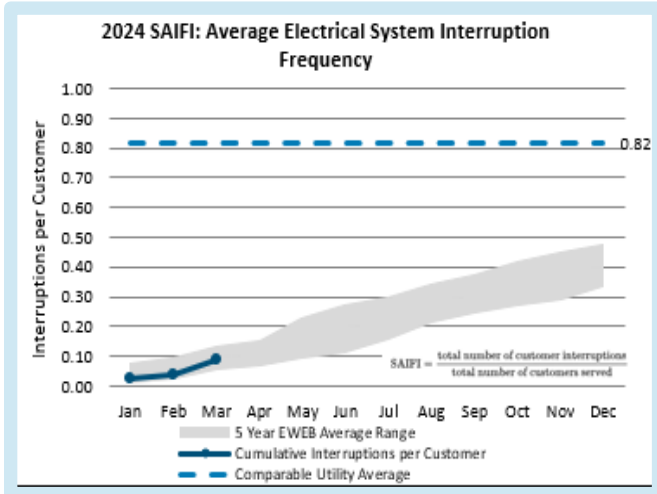
SOURCE & PRODUCTION



ELECTRIC DIVISION | Q1 2024

APPENDIX H

TRANSMISSION & DISTRIBUTION



MONITORING & COMPLIANCE

NERC Compliance



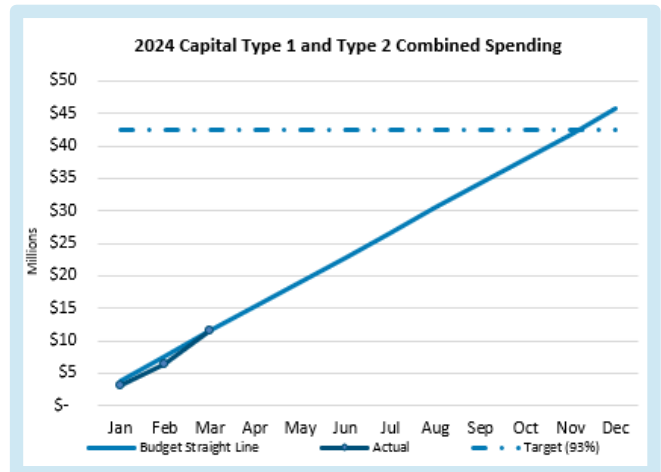
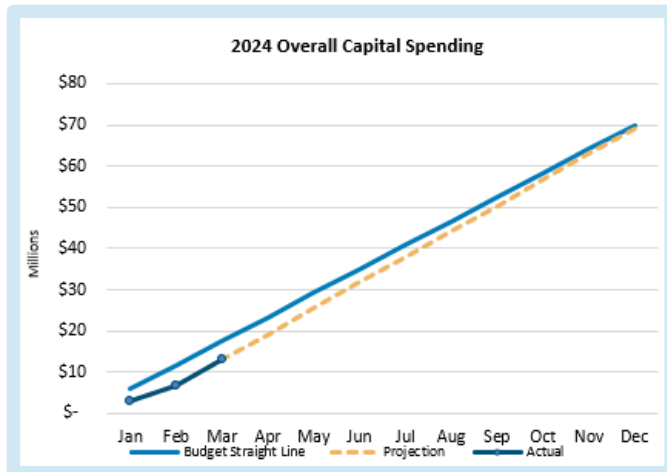
PUC Compliance



FERC Compliance

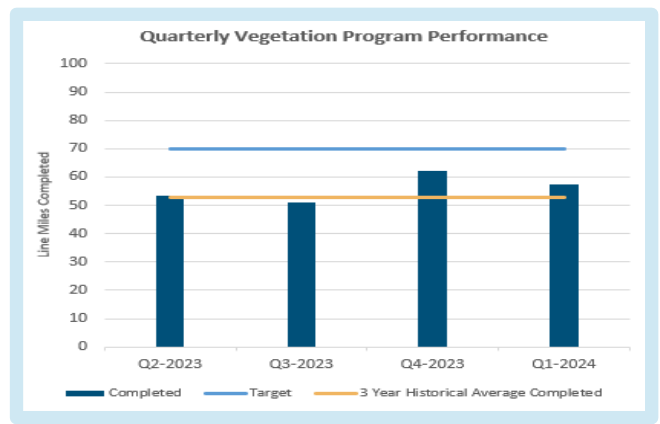
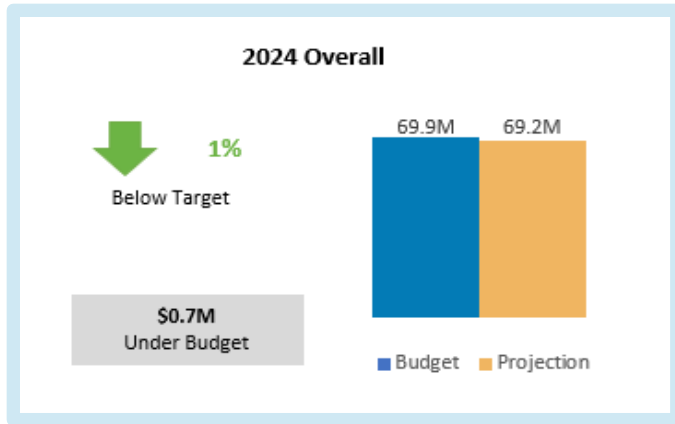


RESILIENCY, PLANNING & EMERGENCY PREPAREDNESS

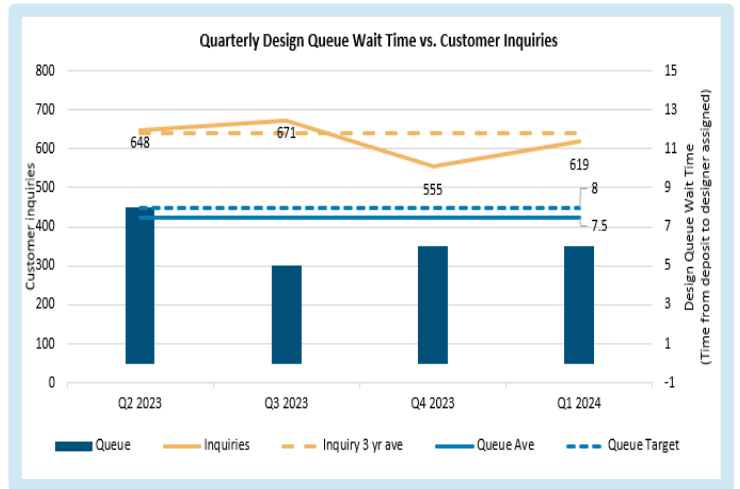
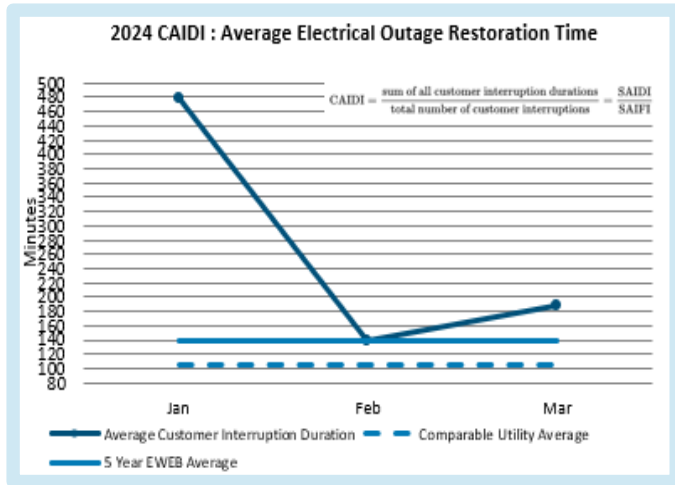


ELECTRIC DIVISION | Q1 2024

APPENDIX H



SWITCH (CUSTOMER)



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.



ELECTRIC DIVISION | Q1 2024

APPENDIX H

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 | Q1 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



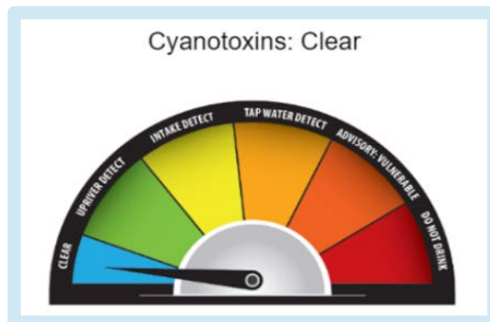
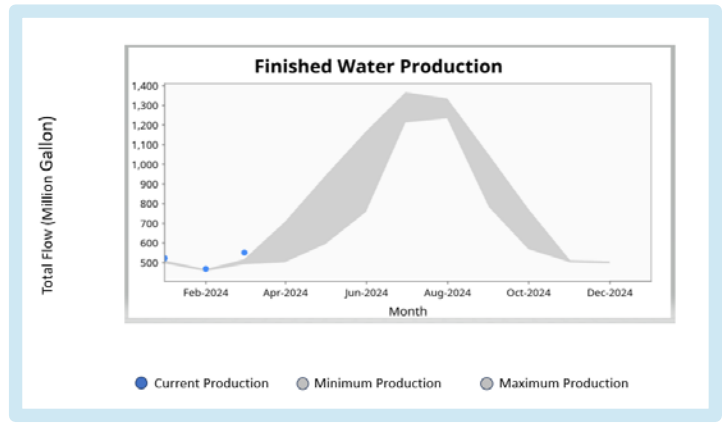
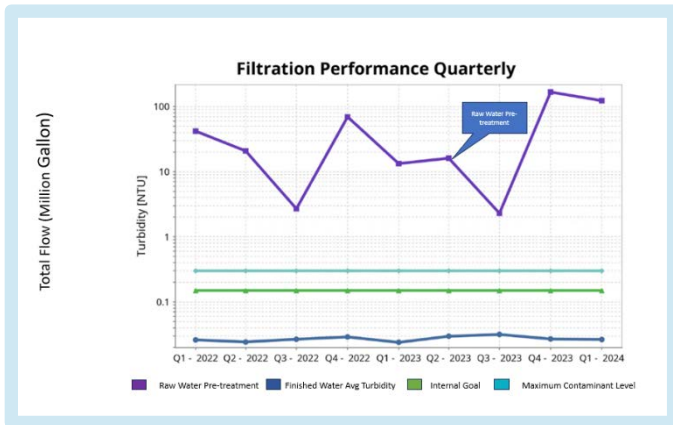
22 Storage Tanks



85,000 Samples Each Year

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

SOURCE & PRODUCTION

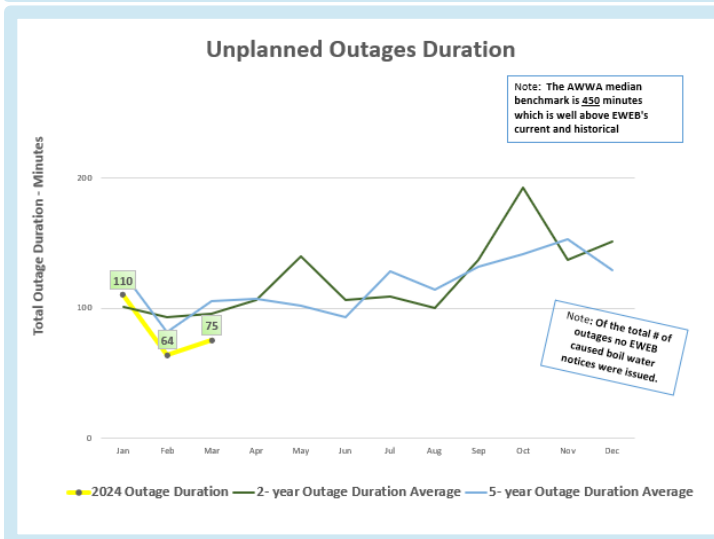
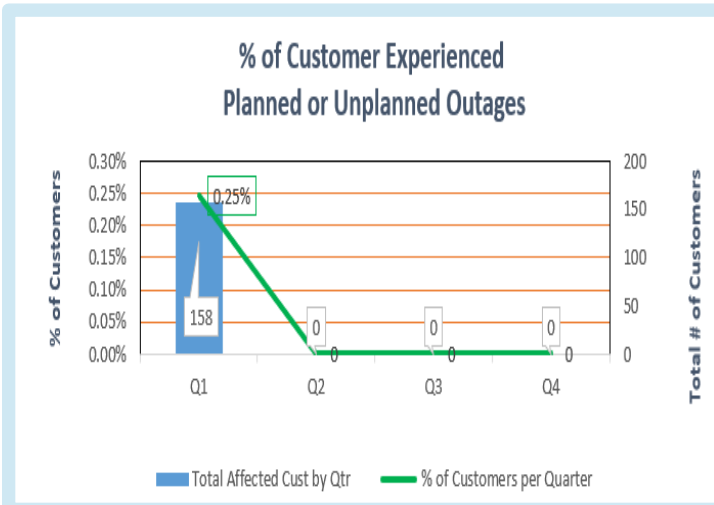
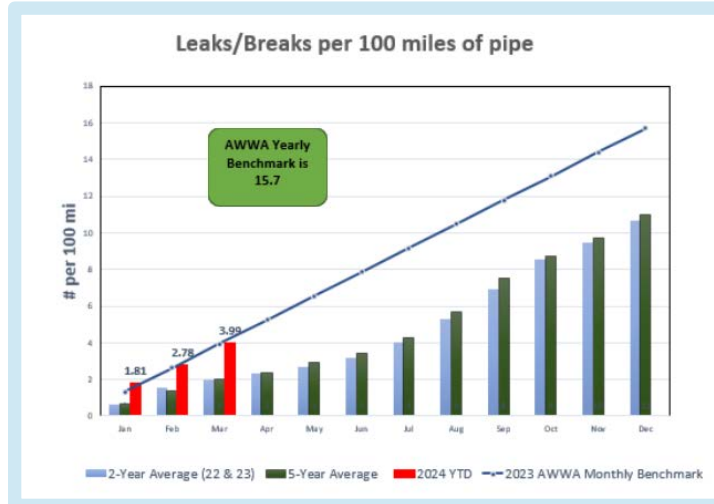




WATER DIVISION | Q1 2024

APPENDIX I

TRANSMISSION & DISTRIBUTION

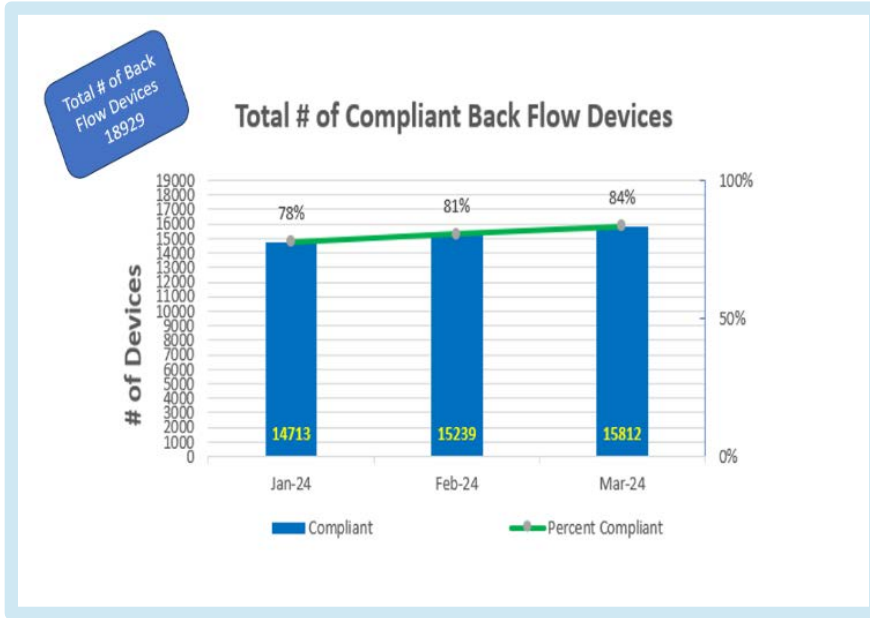




WATER DIVISION | Q1 2024

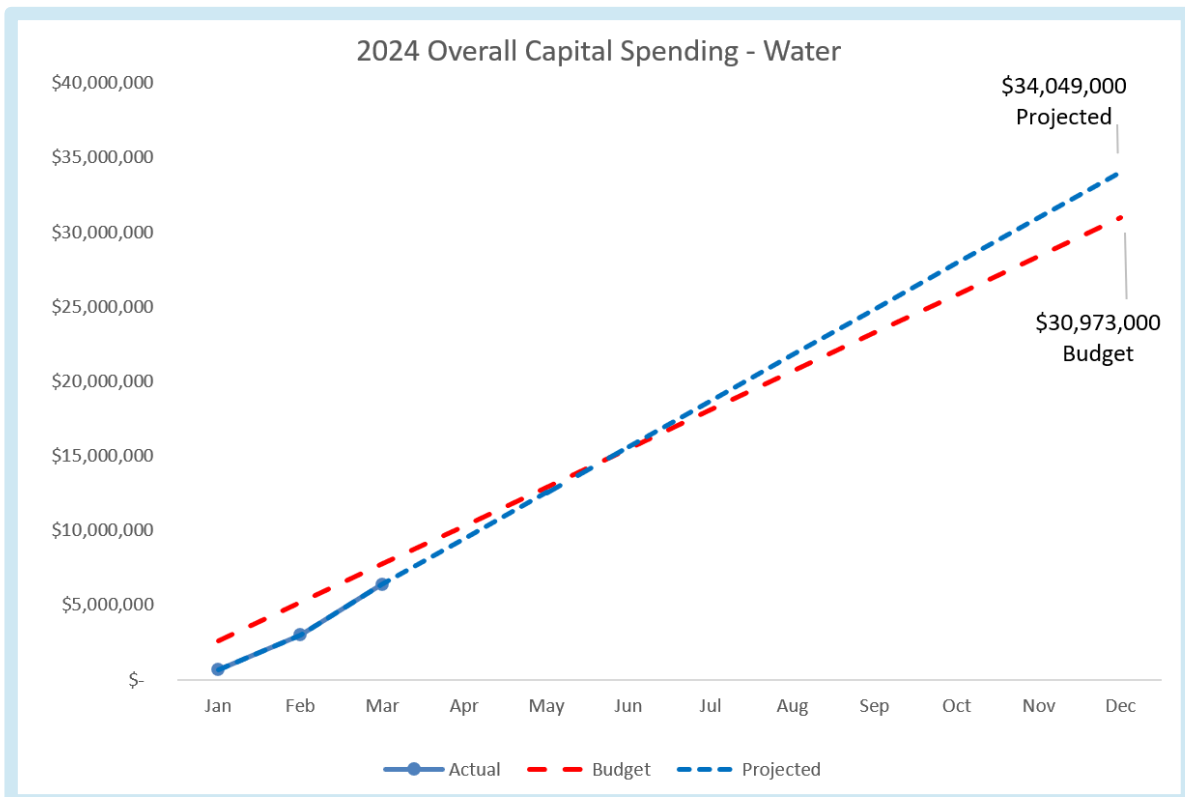
APPENDIX I

MONITORING & COMPLIANCE



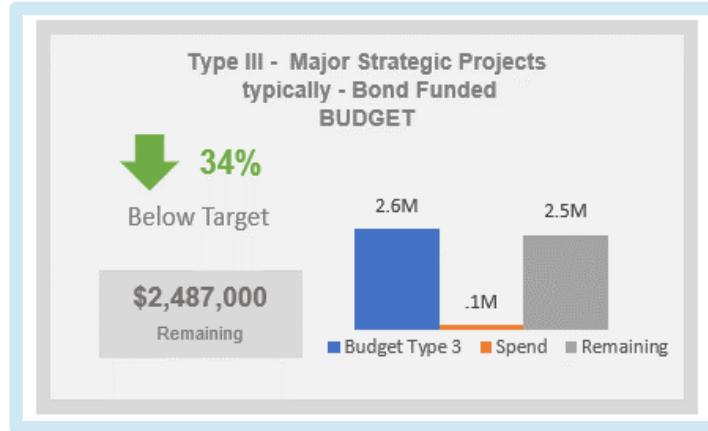
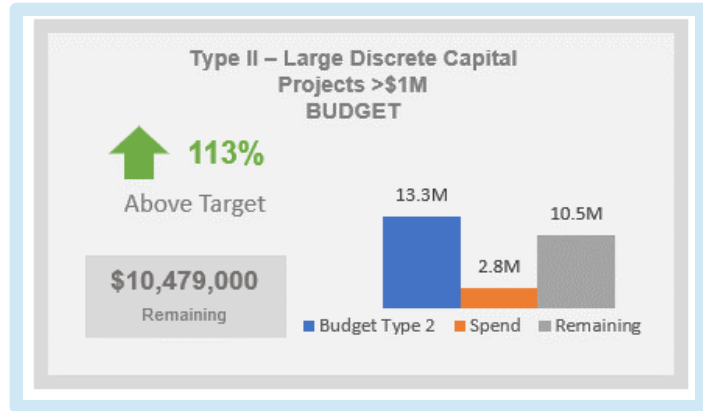
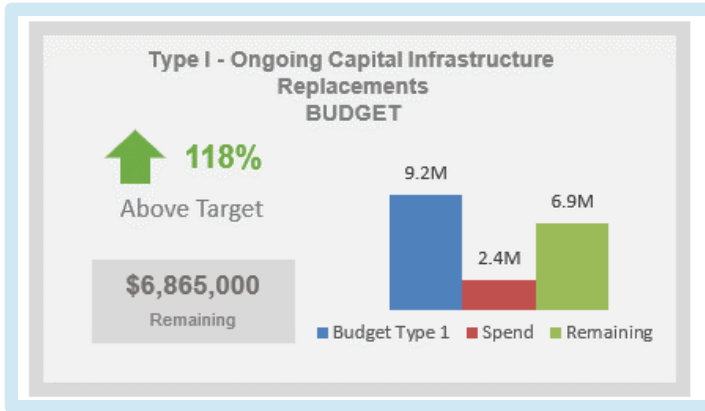
Safe Drinking Water Act	
Quarter	In Compliance?
Q1	

RESILIENCY & PLANNING

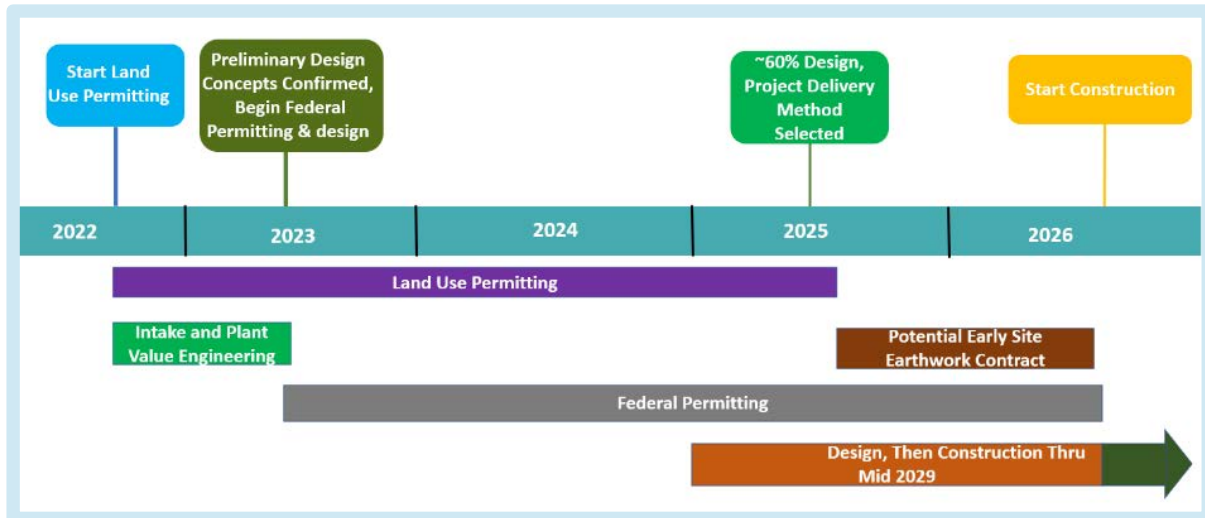


WATER DIVISION | Q1 2024

APPENDIX I



Willamette Treatment Plant Timeline

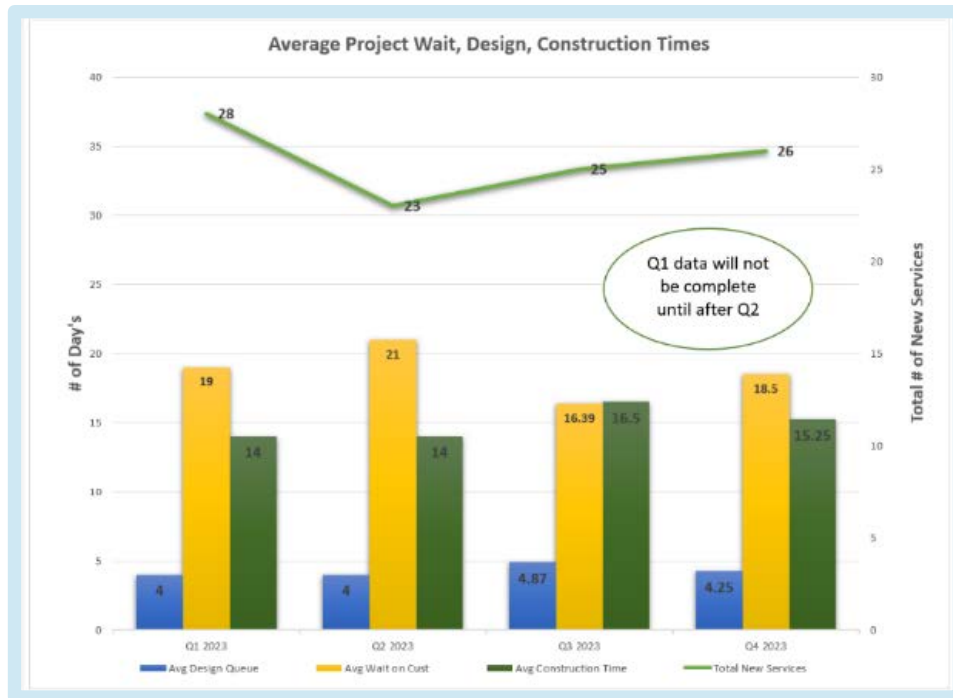
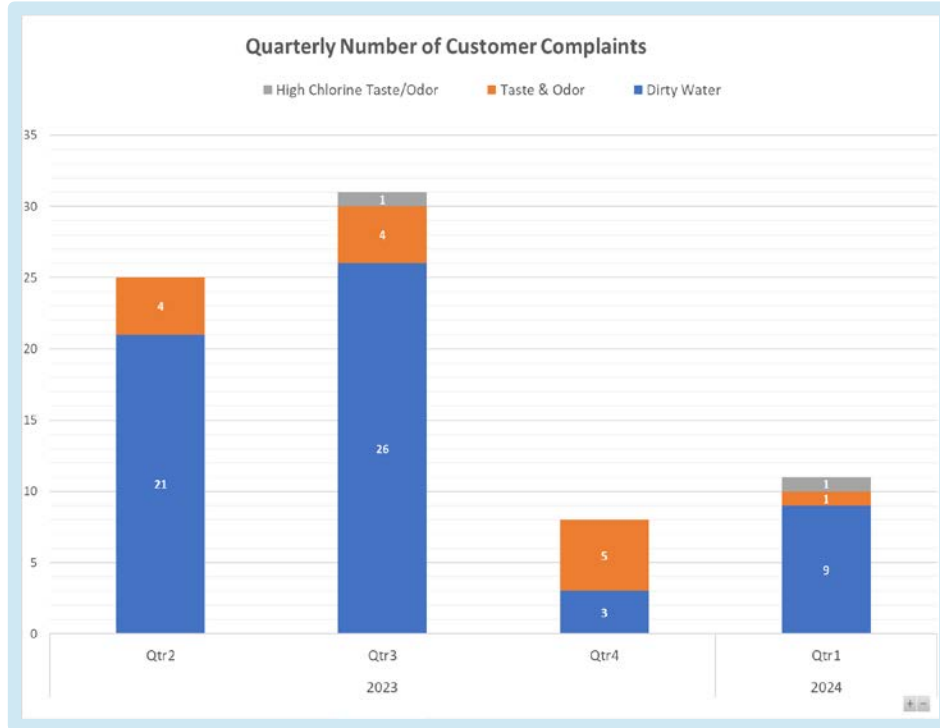




WATER DIVISION | Q1 2024

APPENDIX I

TAP (CUSTOMER)





WATER DIVISION | Q1 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)

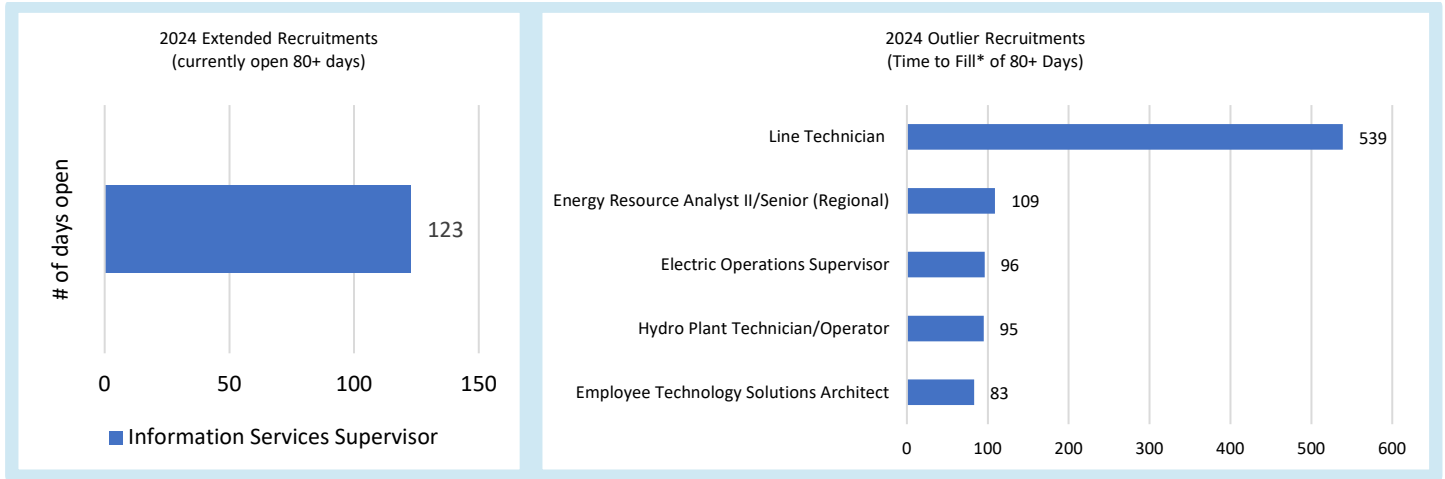
The Water Division's mission is to provide high quality, reliable drinking water to our customers while serving as stewards of utility assets and infrastructure using the Source to Tap approach. This final section includes data and information that points to the customer's experience with the Water Division.

WORK FORCE COMPOSITION | Q1 2024

APPENDIX J

Q1 WORKFORCE COMPOSITION

Recruiting



EWEB Workforce Demographics

% Employees by Geographical Region				
	EWEB	*OR Utilities	OR - All	*Lane County - All
Female	33%	29%	47%	49%
Minority	15%	10%	15%	11%

*Source: U.S. Census Bureau, Quarterly Workforce Indicators, Q4 2023
Oregon Utilities includes both public and private sectors.

Total Employee Count as of 02/29/2024: 577

% EWEB Employees by Unit			
	IBEW	MAPT Non-Exempt	Exempt
Female	3%	55%	39%
Minority	12%	18%	14%

% EWEB Employees by Pay Grade		
	% Female	% Minority
Administrative & Technical	55%	18%
Professional	40%	16%
Supervisor/Lead	32%	9%
Executive Team	50%	0%

WORK FORCE COMPOSITION | Q1 2024

APPENDIX J

Benefits Program Management – Leaves

