

QUARTERLY BUSINESS REVIEW

Power Production

January 2025



Powering our way of life.

Team Updates

- Departures
- Vacancies
- Promotions



Ben Pearson- Separated from District
Sr. Manager of Hydro Generation



Brad Johnson- Retiring in 2/2025
Priest Rapids Maintenance Supervisor

Vacancies

Engineering:

- *Electrical Engineer*

Priest Rapids Dam:

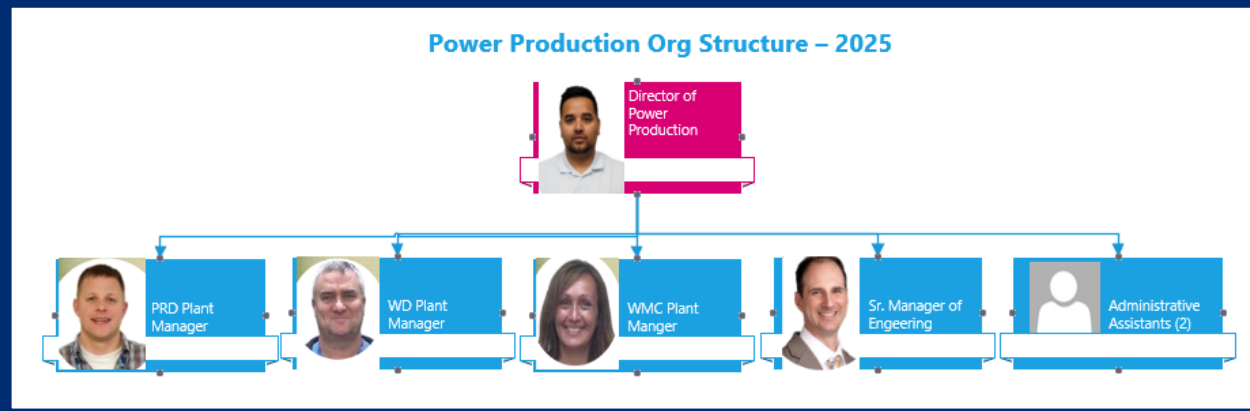
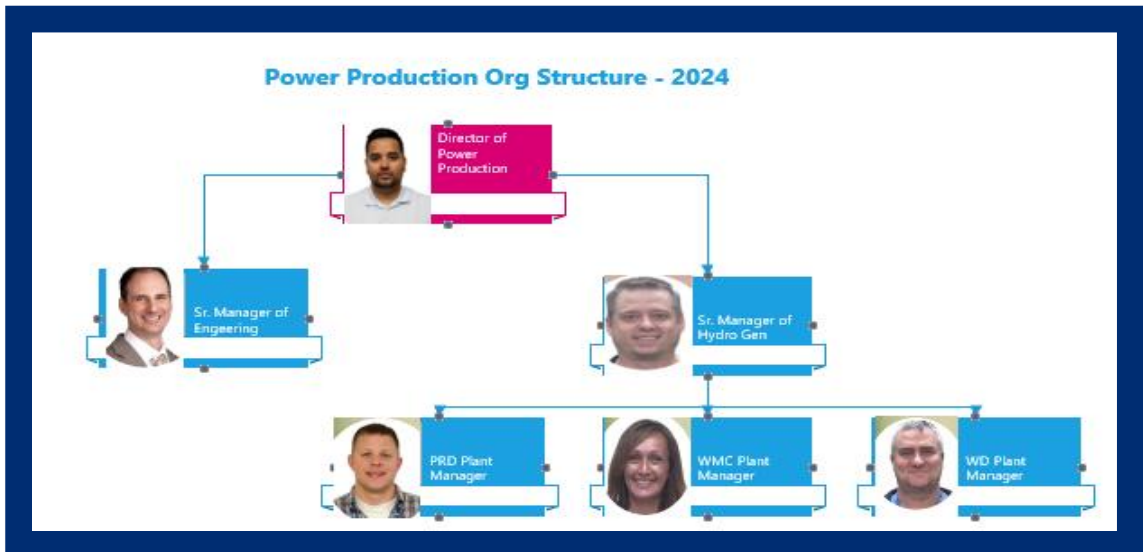
- *Maintenance Supervisor*

Promotions

- *Brandon Harrington- Power Plant Operator*
- *Jacob Firestone- Power Plant Operator*
- *David Baumgardner- Power Plant Operator*

Team Updates

Reorganization- Plant Mangers reporting to Director position



Q4 (2024) Recap

Quarterly Goals

- Complete W01 Overhaul: completed 2 days ahead of adjusted schedule
- Complete Station Service #1: Station Service #1 replacement was successful at Wanapum
- Compliance Program Rollout: Document has been developed and approved through PolicyTech
- Create Overtime Report: Completed, PowerBI tool is pulling data from Maximo
- Finalize Water Control Plan: Water control plan modifications are close to being finalized.
- Establish Power Production Key Performance Indicators: Completed, SOP Completion, Cost/benefit Tracker, Engineering WO Scope Tracking, Power Production Cash Cost, CAP performance, and Plant Performance Update
- Finalize 2025-2030 Plan: Training material being finalized, tracking dashboard developed, theme/pillar being revised (O&M optimization).

Power Production

Q1 Recap

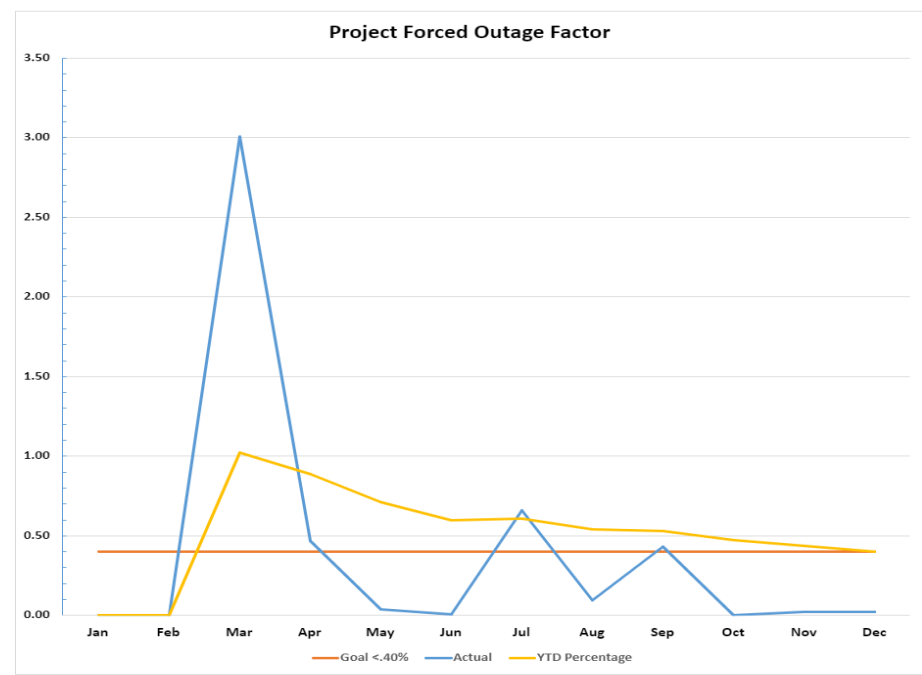
Key Metrics

Forced Outage Factor:

Month	Actual FOER Factor	Hours of Outage
October	0%	.25
November	.02%	2.91
December	.02%	3.04

Unit Availability:

Month	Actual Availability Percentage	Target
October	76.1%	73.0%
November	84.1%	73.0%
December	90.5%	91.0%



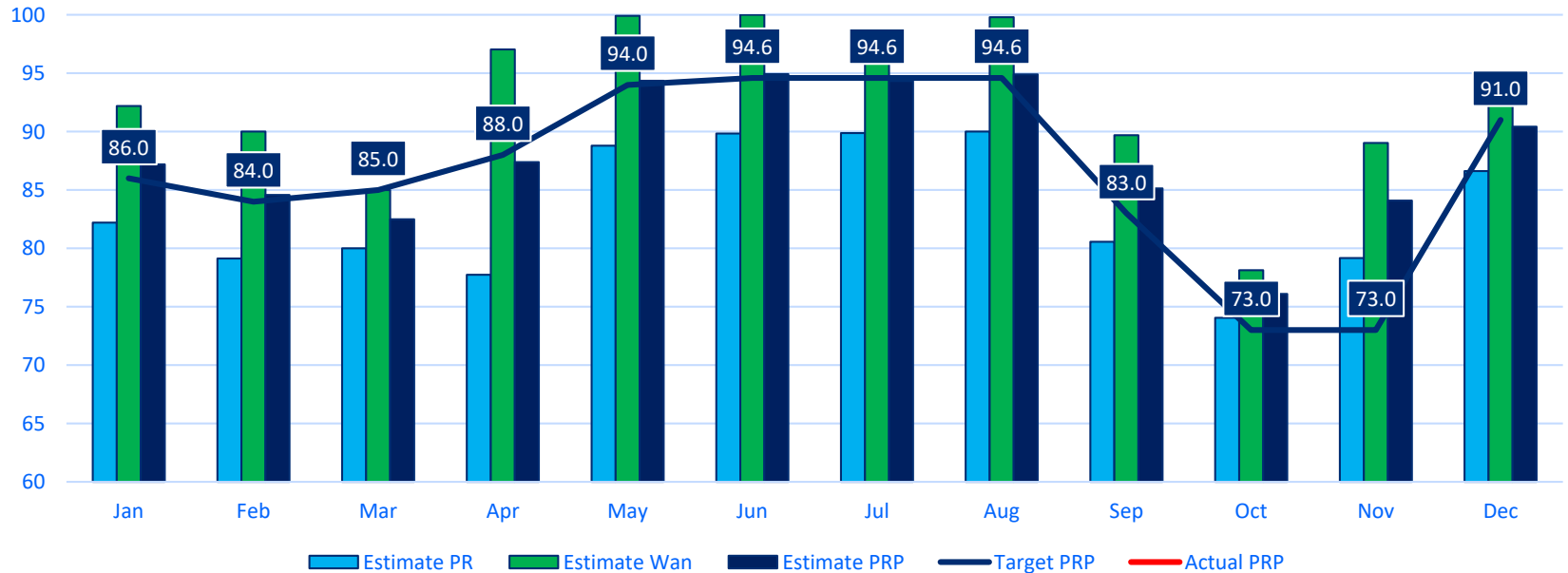
Insights:

- FOERs were short duration, PR Line#1 outage, being investigated further
- Wan overhaul discovery resulted in extension on W01

Q1 Recap- 2025 Targets

*2025 Targets development included Plant Managers, Engineering, Wholesale, and River Cord

Availability Estimate vs Actual



Q1 Outlook

Near-Term Plans

- Station Service #2 switchgear replacement will be starting 1/8/2025 at Wanapum
- T&G Upgrade: P01 Return to service on 1/24/25. P05 (7 unit) upgrade starting 1/27/25
- Planning efforts continuing on following projects: PRSSIP, PR Siphon Intake, and Station Service at Priest Rapids.
- Lockout Tagout clearance process integration occurring in Q1
- Wanapum Emergency Diesel Generator, delivery expected January 2025
- Remote work guidelines for Power Production Leadership

Large Maintenance Projects:

- Plant fish ladder annual maintenance- on track
- QC/PEC annual maintenance- on track
- Overhauls scheduled to start in March 2025: P08 3/3/25, W07 3/17/25

Long-Term Strategy

- **Rollout Power Production 2025-2030 Plan**
 - Workforce Development: succession planning development, skill matrices for employees
 - Asset Management: Spare asset inventory program, and asset strategy development
 - Document Management: asset tagging, document organization, and standardized document management.
- **Development of performance report for leaders**
- **Operationalization of asset replacement**
- **Initiate apprenticeships in Power Production and continuation of Engineering internships**
- **Development and visualization of additional plant performance metrics**

Commission Support: Key Asks

Outline Support Required from the Commission

- Continued support on large projects: Turbine Generator Upgrades and Station Service
- Upcoming contract for Priest Rapids Left Embankment geotechnical investigation
- Apprenticeship program development

Questions?



Powering our way of life.

Thank you!



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Department Name:	Key Presenters:	Date:
Power Production	Rey Pulido	1/28/2025

LAST QUARTER RECAP

Quarterly Goals	<p>Recap goals set for the previous quarter and their outcomes:</p> <ul style="list-style-type: none"> • Complete W01 Overhaul: completed 2 days ahead of adjusted schedule • Complete Station Service #1: Station Service #1 replacement was successful at Wanapum • Compliance Program Rollout: Document has been developed and approved • Create Overtime Report: Completed, PowerBI tool is pulling data from Maximo • Finalize Water Control Plan: Water control plan modifications are close to being finalized. • Establish Power Production Key Performance Indicators: Completed, SOP Completion, Cost/benefit Tracker, Engineering WO Scope Tracking, Power Production Cash Cost, CAP performance, and Plant Performance Update • Finalize 2025-2030 Plan: Training material being finalized, tracking dashboard developed, theme/pillar being revised (O&M optimization).
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NEAR-TERM PLANS (NEXT QUARTER)

Project Updates	<p>Provide status of ongoing projects and any shifts in priority:</p> <ul style="list-style-type: none"> • Station Service #2 switchgear replacement will be starting 1/8/2025 at Wanapum • P01 Return to service on 1/22/25 • Planning efforts continuing on following projects: PRSSIP, PR Siphon Intake, and Station Service at Priest Rapids. • Large Maintenance Projects: <ul style="list-style-type: none"> ○ Plant fish ladder annual maintenance- on track ○ QC/PEC annual maintenance- on track • Lockout Tagout clearance process integration occurring in Q1 • Wanapum Emergency Diesel Generator, delivery expected January 2025 • Remote work guidelines for Power Production Leadership <p>Highlight projects going into execution or nearing completion:</p> <ul style="list-style-type: none"> • P05 taken out of service on 1/27/2025, T&G upgrade • Wanapum Emergency Diesel Generator, delivery expected in January 2025 • Large Maintenance Projects: <ul style="list-style-type: none"> ○ P08 overhaul scheduled for 3/3/25 ○ W07 overhaul scheduled for 3/17/25
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LONGER-TERM STRATEGY

Roadmap	<p>Discuss strategic initiatives and projects on the longer-term roadmap:</p> <ul style="list-style-type: none"> • Rollout Power Production 2025-2030 plan • Compliance Tracking Program Implementation • Workforce Development: succession planning development, skill matrices for employees • Asset Management: Spare asset inventory program, and asset strategy development • Document Management: asset tagging, document organization, and standardized document management.
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COMMISSION SUPPORT: KEY ASKS

Specific Requests	<ul style="list-style-type: none"> • Upcoming contracts, change orders, policy changes or decision points requiring Commission involvement: <ul style="list-style-type: none"> ○ Continued support on large projects: Turbine Generator Upgrades and Station Service ○ Upcoming contract for Priest Rapids Left Embankment geotechnical investigation ○ Apprenticeship program development
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QUARTERLY BUSINESS REVIEW

Power Delivery

January, 2025



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Team Updates



Ethan Peterson

Newly graduated Lineman



Sal Mugnos – *retired*

Engineer IV, CSE



Nathan Anderson

Interim role as Dispatch/System Operations Manager



Christian Cachu Tamayo

Ground Person, Line Dept.

Team Updates



Kaden Buchanan

Line Person, Line Dept.



Tamara Voxnaes

Ground Person, Line Dept.



Ryan Teal

Ground Person, Line Dept.

Q4 Recap

Quarterly Goals

- T&C on West Canal and Quincy Foothills work completed to allow energization to customers. Last transformer at QF energized 1/6.
- Energy Management System (EMS) system implementation completed for SCADA and Hardware.
- Integrated Goose Prairie Solar into PCI.
- Implemented Brookfield as new slice participant.
- PD represented Transmission issue and needs with Energy Committee from Washington State House of Representatives
- Rebuild of Seep Lake yard.
- Refurbishment of Jericho and addition of 3 phase regulator.
- Pole changeouts for Fiber Expansion completed!!!

POWER DELIVERY

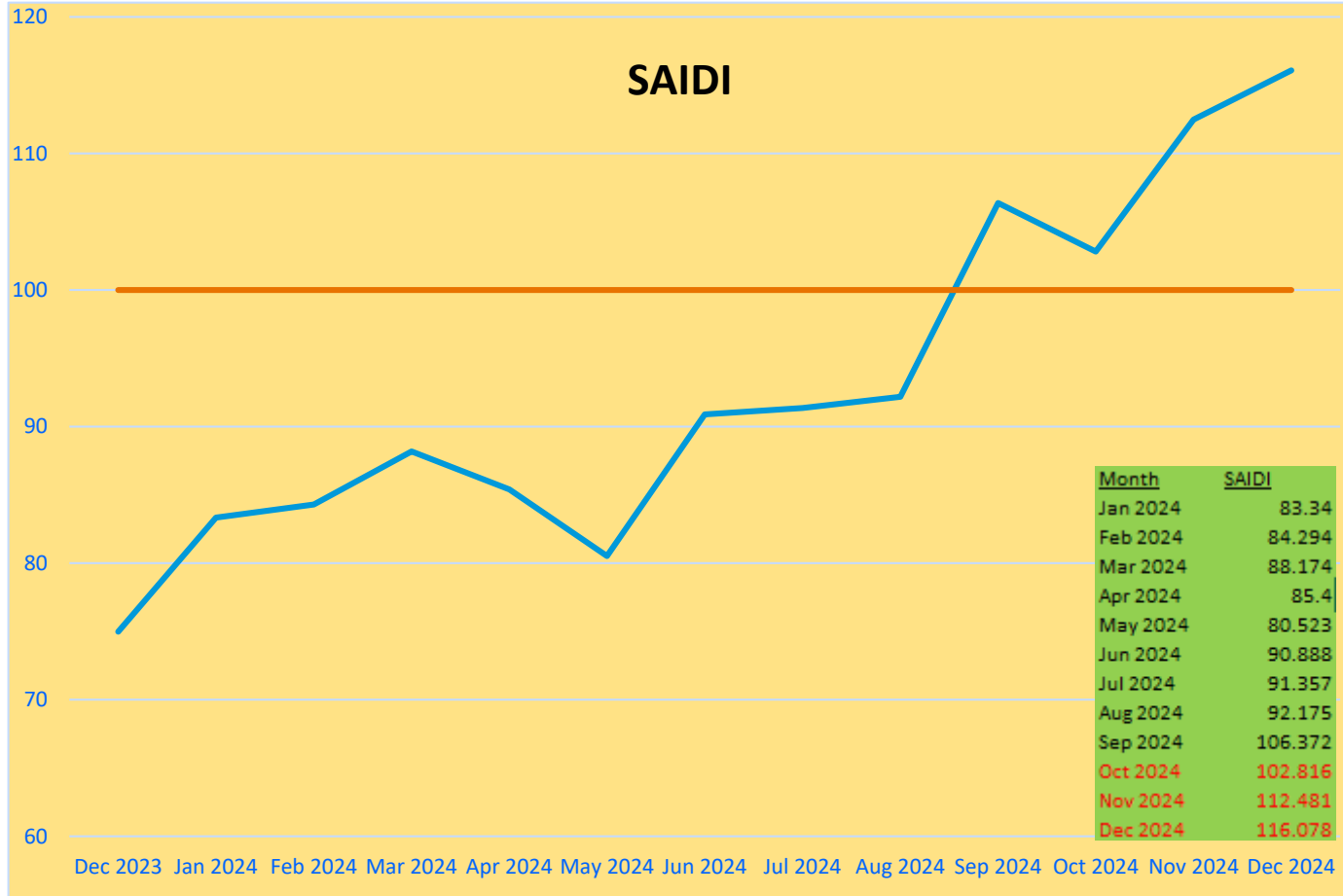
Q4 Recap

Key Metric - SAIDI

System Average
Interruption
Duration Index

Goal: 100 mins

(NW public utility
average 120
minutes)



POWER DELIVERY

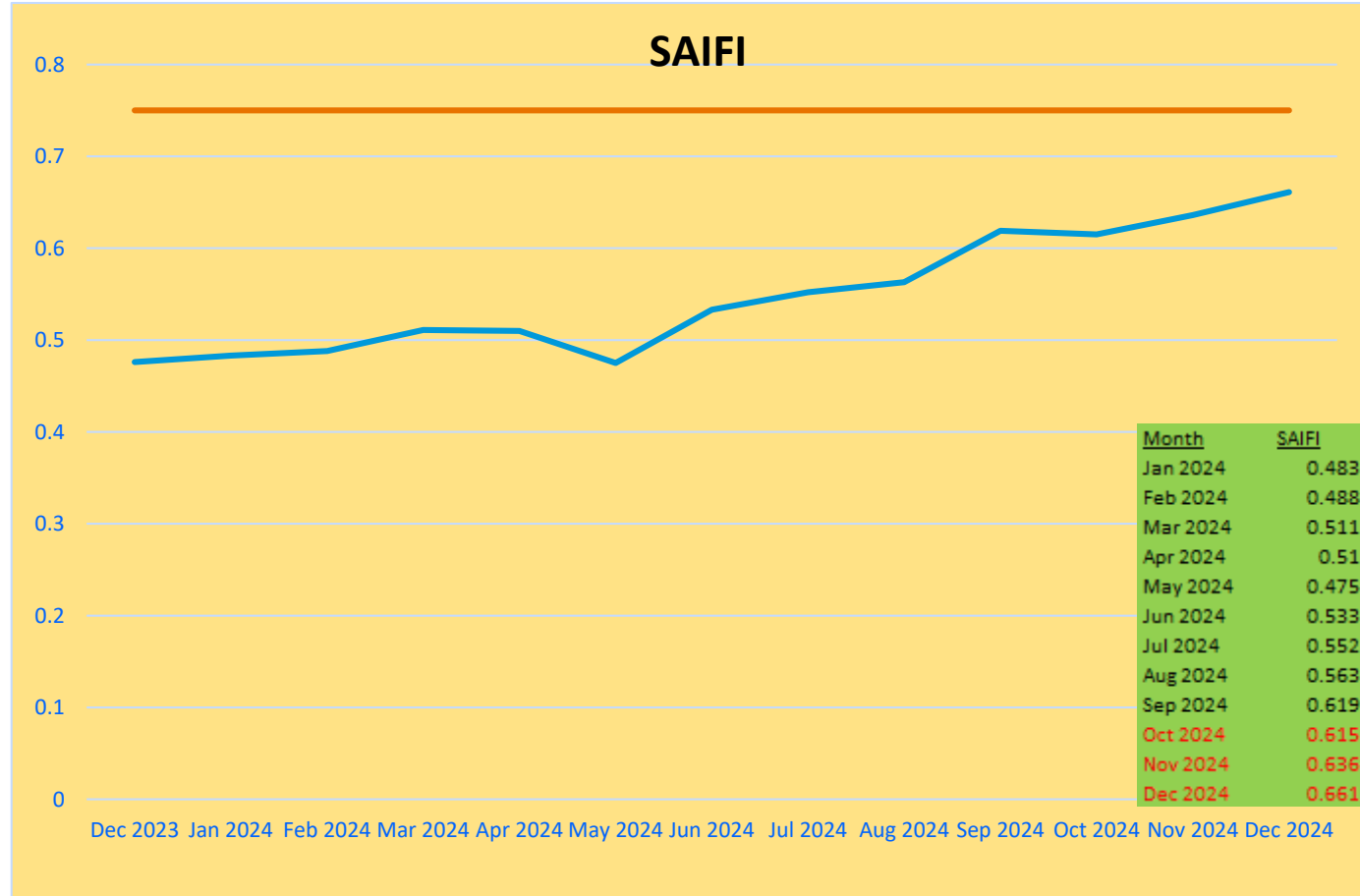
Q4 Recap

Key Metric - SAIFI

System Average
Interruption
Frequency Index

Goal: 0.75 per
customer

(NW public utility
average 1 per
customer)



Q4 Recap

Key Metric – Customer Engineering Work Orders

Past annual totals:

2020 = 1055

2021 = 1057

2022 = 865

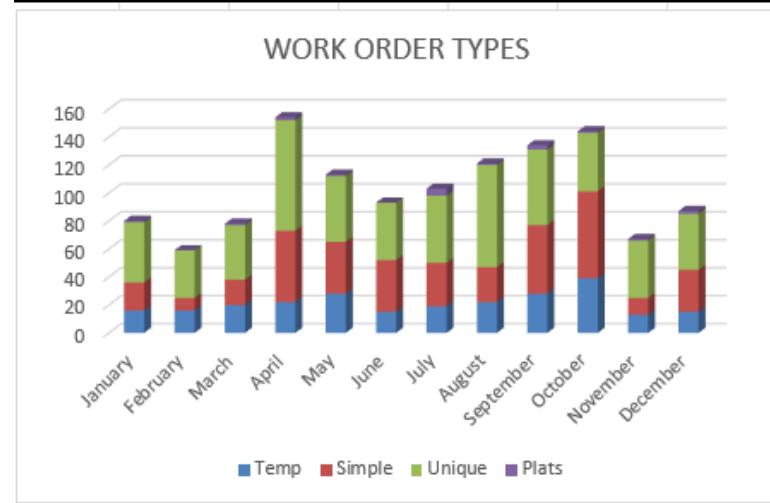
2023 = 815

2024 = 1,233!

Shout out to our PD Distribution and Customer Engineering Team and also to Kerri Wendell and her team for their support in this work!



CUSTOMER ENGINEERING WORK ORDERS



2024	Temp	Simple	Unique	Plats	Total	Total
January	16	20	43	1	80	
February	16	9	34	0	59	
March	20	18	39	1	78	217
April	22	51	79	2	154	
May	28	37	47	1	113	
June	15	37	41	0	93	360
July	19	31	48	5	103	
August	22	25	73	1	121	
September	28	49	54	3	134	358
October	39	62	42	1	144	
November	13	12	41	1	67	
December	15	30	40	2	87	298
	253	381	581	18		Yearly Total: 1,233

Q4 Outlook

Near-Term Plans

- Parallel older GE EMS system with new OSI EMS – moving forward to final integration.
- Continue work setting up WestTrans and OASIS for TSP registration.
- Finish work at distribution stations Seep Lake and Jericho before irrigation season.
- Continue work on feeder audits for Power Quality review and upgrades.
- Engineering continues on QTEP, Monument Hill Switchyard, Painted Hills, and more
- Continued effort on MTEP
- Continued work on Grid Optimization – Power Quality audits and Soap Lake “smart device” implementation

Long-Term Strategy *(with linkages to our Strategy)*

Power Delivery 5 Year Strategy starting in 2025:

- Asset Stewardship *(Power Demand Strategy)*
- Work Management *(LT Affordable Rates; Accurate and Responsive CS; Power Demand Strategy)*
- Workforce Development *(LT Affordable Rates; Engaged, Empowered and Enabled Employees; Accurate and Responsive CS)*
- Grid of Tomorrow *(LT Affordable Rates; Power Demand Strategy)*

Commission Support:

- Please share with District Irrigators on the new approach with Power Quality
- System Operations/Dispatch and Control Systems Engineering impact with new direction in organizations – ex: FERC SOC, Marketing, OASIS, extending TOP and BA, Operations Optimizer, and more as we step into a new era for Grant PUD
- Awareness of changing environment with vendors who are looking for assurance of purchases (lead times, 20% down payment)
- Succession Planning for highly skilled positions
- State Legislation awareness and need to communicate closely with representatives

Questions?



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Thank you!



Department Name:	Key Presenters:	Date:
Power Delivery	Ron Alexander	1/14/2025

Presenters, please fill out the following information and provide it to Commissioners as a supplement to your presentation.

LAST QUARTER RECAP

Quarterly Goals	<p>Rebuild of Seep Lake distribution station and upgrade at Jericho for upcoming irrigation season. Fiber Expansion work completed!</p> <p>EMS system installed. Q1 2025 expect complete transfer from old system.</p> <p>Integration of Goose Prairie, Brookfield, West Canal and Quincy Foothills through CSE effort</p> <p>New annual high of 1,233 customer connection work orders in 2024</p>
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NEAR-TERM PLANS (NEXT QUARTER)

Project Updates	<p>Finalize EMS integration to OSI System.</p> <p>Work behind the scenes to support WestTrans and Oasis</p> <p>Continued effort of distribution feeder audits for Power Quality and GIS improvements</p> <p>Continue discussion on new MTEP line and connection to BPA with our new TBU Organization</p>
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LONGER-TERM STRATEGY

Roadmap	Discuss strategic initiatives and projects on the longer-term roadmap:
Strategy	<p>Power Delivery 5 Year Strategy starting in 2025:</p> <ul style="list-style-type: none"> • Asset Stewardship (Power Demand Strategy) • Work Management (LT Affordable Rates; Accurate and Responsive CS; Power Demand Strategy) • Workforce Development (LT Affordable Rates; Engaged, Empowered and Enabled Employees; Accurate and Responsive CS) • Grid of Tomorrow (LT Affordable Rates; Power Demand Strategy)

COMMISSION SUPPORT: KEY ASKS

Specific Requests	<ul style="list-style-type: none"> • Please share with District Irrigators on the new approach with Power Quality • System Operations/Dispatch and Control Systems Engineering impact with new direction in organizations – ex: FERC SOC, Marketing, OASIS, extending TOP and BA, Operations Optimizer, and more as we step into a new era for Grant PUD • Awareness of changing environment with vendors who are looking for assurance of purchases (lead times, 20% down payment) • Succession Planning for highly skilled positions • State Legislation awareness and need to communicate closely with representatives
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QUARTERLY BUSINESS REVIEW

Environmental Affairs

January 28, 2025



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Team Updates



TBD

Program Manager (new); Hatchery & Recreation – Environmental Services



TBD

Lands Specialist (new); Real Estate – Lands & Permitting Services



TBD

Sr. Biologist (backfill); Fish, Wildlife, & Water Quality

Q4 Recap

Quarterly Goals

Continued focus on securing needed easements for QTEP: Results on next slide

File 18 FERC compliance reports: Complete

Remove reservoir hazards (Crescent Bar and Sunland): Complete: 43,280 lbs

Procure 2025 survival study contracts: 5 complete; 2 in development

Q4 Recap - QTEP

- **Monument Hill Loop 1**
 - ✓ All 6 ROEs and easements obtained

- **Monument Hill to Rocky Ford**
 - ✓ All ROEs obtained
 - ✓ 7 of 10 easements obtained (all offered)

- **Mountain View Loop 1**
 - ✓ All of ROEs obtained
 - ✓ 3 of 4 easements obtained

- **Columbia to Mountain View**
 - ✓ All 16 easements obtained

- **Wan-MV segment**
 - ✓ USBR engagement for license agreement
 - ✓ 50 ROEs obtained (58% of total new ROEs needed)
 - ✓ 8 new easements obtained

Q1 Outlook

Near-Term Plans

- Continue work supporting QTEP and other electric system growth projects
- Preparation for 2025 fish survival study
- Procure contract for Crescent Bar Golf Course Alternatives Analysis
- Continue work on new Public Recreation Development Plan (PRDP) for Sunland
- Hire new/backfill positions
- FERC License reports

Long-Term Strategy

- Continue support of QTEP and other Electric System Growth strategies
- Crescent Bar Golf Course alternatives analysis
- Develop Hatchery and Recreation asset management strategies
- Succession Planning
- Finalize and implement flowage easement encroachment strategies
- Meet fish passage survival standards

Commission Support: Key Asks

- Q1: Review of Contract 430-HFA 602-85H (Habitat/No Net Impact project): \$1.2M
- Q1: Review of new Contract with Douglas PUD for O&M of Carlton Acclimation Facility: \$1.3M.
- Q2: Review of new Contract or Change Order for Methow & Wenatchee Hatchery Monitoring & Evaluation: \$1.0+M.
- Q2: Review update procedure related to State Environmental Policy Act compliance
- Q3: Review Sunland Public Recreation Development Plan (PRDP)
- Q4 2025/Q1 2026: Review Crescent Bar Golf Course alternatives analysis
- Ongoing: QTEP and Sunland - Organized, unified, and consistent communication

Questions?



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Thank you!



Department Name:	Key Presenters:	Date:
Environmental Affairs	Ross Hendrick	1/28/2024

Presenters, please fill out the following information and provide it to Commissioners as a supplement to your presentation.

LAST QUARTER RECAP

Quarterly Goals	<ul style="list-style-type: none"> Continued focus on securing needed easements for QTPE: Results on next slide File 18 FERC compliance reports: Complete Remove reservoir hazards (Crescent Bar and Sunland): Complete: 43,280 lbs Procure 2025 survival study contracts: 4 complete; 3 in development
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NEAR-TERM PLANS (NEXT QUARTER)

Project Updates	<ul style="list-style-type: none"> Continue work supporting QTPE and other electric system growth projects Preparation for 2025 fish survival study Procure contract for Crescent Bar Golf Course Alternatives Analysis Continue work on new Public Recreation Development Plan (PRDP) for Sunland Hire new/backfill positions (3) FERC License reports
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LONGER-TERM STRATEGY

Roadmap	Operate responsibly by attaining environmental and regulatory compliance = zero late FERC filings and no environmental compliance issues
Strategy	<ul style="list-style-type: none"> Continue supporting QTPE and other Electric System Growth strategies Crescent Bar Golf Course alternatives analysis Develop Hatchery and Recreation asset management strategies Succession Planning Finalize and implement flowage easement encroachment strategies Meet fish passage survival standards

COMMISSION SUPPORT: KEY ASKS

Specific Requests	<ul style="list-style-type: none"> Q1: Action on Contract 430-HFA 602-85H (Habitat/No Net Impact project): \$1.2M Q1: Review of new Contract with Douglas PUD for O&M of Carlton Acclimation Facility: \$1.3M. Q2: Review of new Contract or Change Order for Methow & Wenatchee Hatchery Monitoring & Evaluation: \$~1.0M. Q2: Review update procedure related to State Environmental Policy Act compliance Q3: Review Sunland Public Recreation Development Plan (PRDP) Q4 2025/Q1 2026: Review Crescent Bar Golf Course alternatives analysis Ongoing: QTPE and Sunland - Organized, unified, and consistent communication
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QUARTERLY BUSINESS REVIEW

Asset Management

01/28/2025



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TITLE OF
DEPARTMENT/AREA

Team Updates



Katie Boswell – Transfer Out
Lead Business Systems Analyst



Ryan Mana – New Hire Q3 '24
Senior Asset Management Specialist

Q4 2024 Recap

Quarterly Goals

Program Development



75%

Strategies and Planning



On Target

Asset Information and Tools



90%

Workforce Development – n/a Q4

Q4 2024 Recap

Program Development

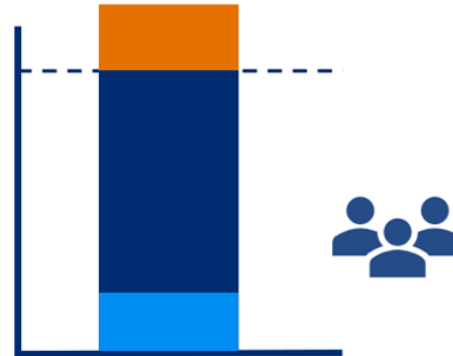
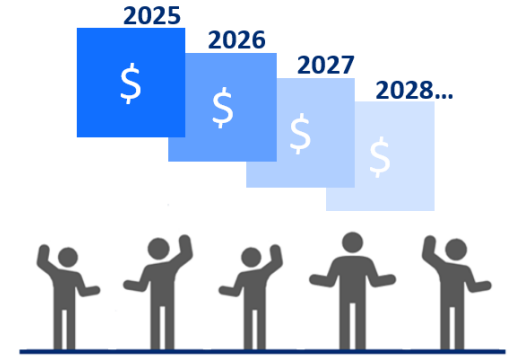
1. Sustainment Funding Approach

- Line 1 Outage
- UK Conference
- Public Power Council

2. Top Level AM Strategy Document

Insights

- Labor Resource Constraints



Q4 2024 Recap

Strategies and Planning

1. Risk Model Version 1.0
2. Standardize Asset Class Strategy Process
3. Generator Circuit Breaker Strategy

Insights

- SME Participation is Essential to Success

Q4 2024 Recap

Asset Information and Tools

1. Substation Tagging – 42 Stations Complete

2. Asset Plan Data

3. ERP+ Evaluation

Insights

	Total Assets	Install Date Known	% Complete
Wanapum	4,953	1,823	37%
Priest	4,669	1,471	32%
Fiber/Telecom	Not measured by AM at this time		
Trans/Dist Structures	71,483	67,494	94%
Distribution Transformers	54,592	53,079	97%
Substations	4,763	1,387	29%

TITLE OF DEPARTMENT OR AREA

Q1 2025 Outlook

Near-Term Plans

ERP+ Evaluation

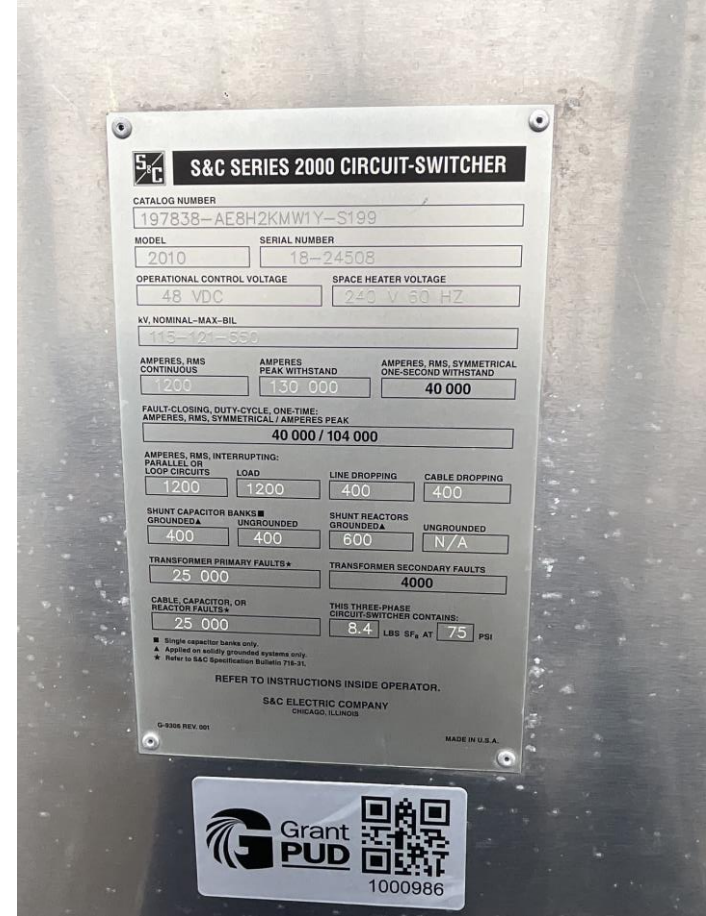
- Work Management Alternatives

Asset Class Strategies

- GSUs, Spillway Gates, Power Transformers, Trans Breakers

Asset Data

- Enter Tag Data into Sharepoint Database



Long-Term Strategy

Strategic Initiatives

- 30 Year Asset Plan
- Org-wide Asset Risk Model
- Asset Data Systems

Link to the Overarching Mission/Vision

- Long Term Affordable Rates
- Accurate Responsive Customer Service
- Empowered and Enabled Employees

Organizational Needs

- Structured / Repeatable Processes

Commission Support: Key Asks

Long Range Strategy – Support for Sustainability

- Budget Dollars
- Labor Resources

Questions?



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Thank you!



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Department Name:	Key Presenters:	Date:
Asset Management	Russ Seiler	1/28/2025

LAST QUARTER RECAP

Quarterly Goals	<p>Q4 2024</p> <ul style="list-style-type: none"> • Policy Work - Advocacy for Annual Funding Target for Sustaining the System • Completed Version 1 Asset Risk Model for Decision Making • Completed Generator Circuit Breaker Strategy • 42 Substations – Asset tagging complete • ERP+ Research with 6 other Utilities
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NEAR-TERM PLANS (NEXT QUARTER)

Project Updates	<p>Q1 2025</p> <ul style="list-style-type: none"> • Asset Strategy Work - Generator Step Up Transformers, Spillway Gates, Power Transformers, Transmission Breakers • Support ERP+ Requirements Gathering for GIS and Work Management • Input Asset Tagging Data into Software • Ongoing operational support through GIS Mapping
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LONGER-TERM STRATEGY

Roadmap	Discuss strategic initiatives and projects on the longer-term roadmap:
Strategy	<p><u>Initiatives:</u></p> <ul style="list-style-type: none"> • 30 Year Asset Plan • Asset Class Strategies for All Major Assets • Asset Data Processes and Tools <p>Alignment: A proactive 30 year asset plan informed by data and driven by intentional strategies will give us the best overall performance for our money and ensure that we're making the right investments in our system today so we will hand off a healthy system to the next generation. Long Term Low Rates, Reliable Service to Customers and Empowered and Enabled Employees.</p>

COMMISSION SUPPORT: KEY ASKS

Specific Requests	As the Commission engages in long term strategy work, please consider the philosophy of an annual target investment level into the existing asset base for the purpose of sustaining the system long term and maintaining predictable reliability in the near term. There is ongoing risk that our growth trajectory could cause us to underfund the existing system and create a future negative impact to our customers.
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QUARTERLY BUSINESS REVIEW

Telecom & Fiber Services

January 28, 2025



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TITLE OF
DEPARTMENT/AREA

Team Updates

Telecom & Fiber
Services Sr. Mgr.

Telecom
Engineering
Manager

Operations
Manager

Construction &
Maintenance
Manager

Outside Plant

Telecom
Engineers

Electronic Techs

Fiber Techs

Network
Administrators



Allen Farmer

Fiber Technician, New Hire



Dalton Shifflet

Fiber Technician, New Hire



Austin June

Fiber Technician, New Hire

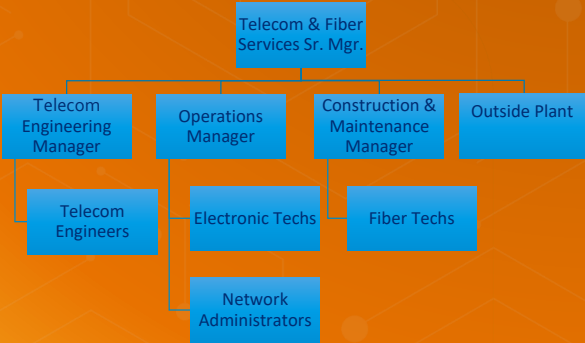


Solomon Johnson

Fiber Technician, New Hire

TITLE OF
DEPARTMENT/AREA

Team Updates



Luis Gutierrez Vega
Fiber Technician, New Hire



Alberto Vargas
Fiber Technician, New Hire



Nathan Clark
Network Administrator, New Hire



Jeff Jones
Network Administrator, Transfer

TITLE OF
DEPARTMENT/AREA

Team Updates

Telecom & Fiber
Services Sr. Mgr.

Telecom
Engineering
Manager

Operations
Manager

Construction &
Maintenance
Manager

Outside Plant

Telecom
Engineers

Electronic Techs

Fiber Techs

Network
Administrators



Grigory Turchik

Electronic Technician, LA New Hire



Dmitriy Nakonechny

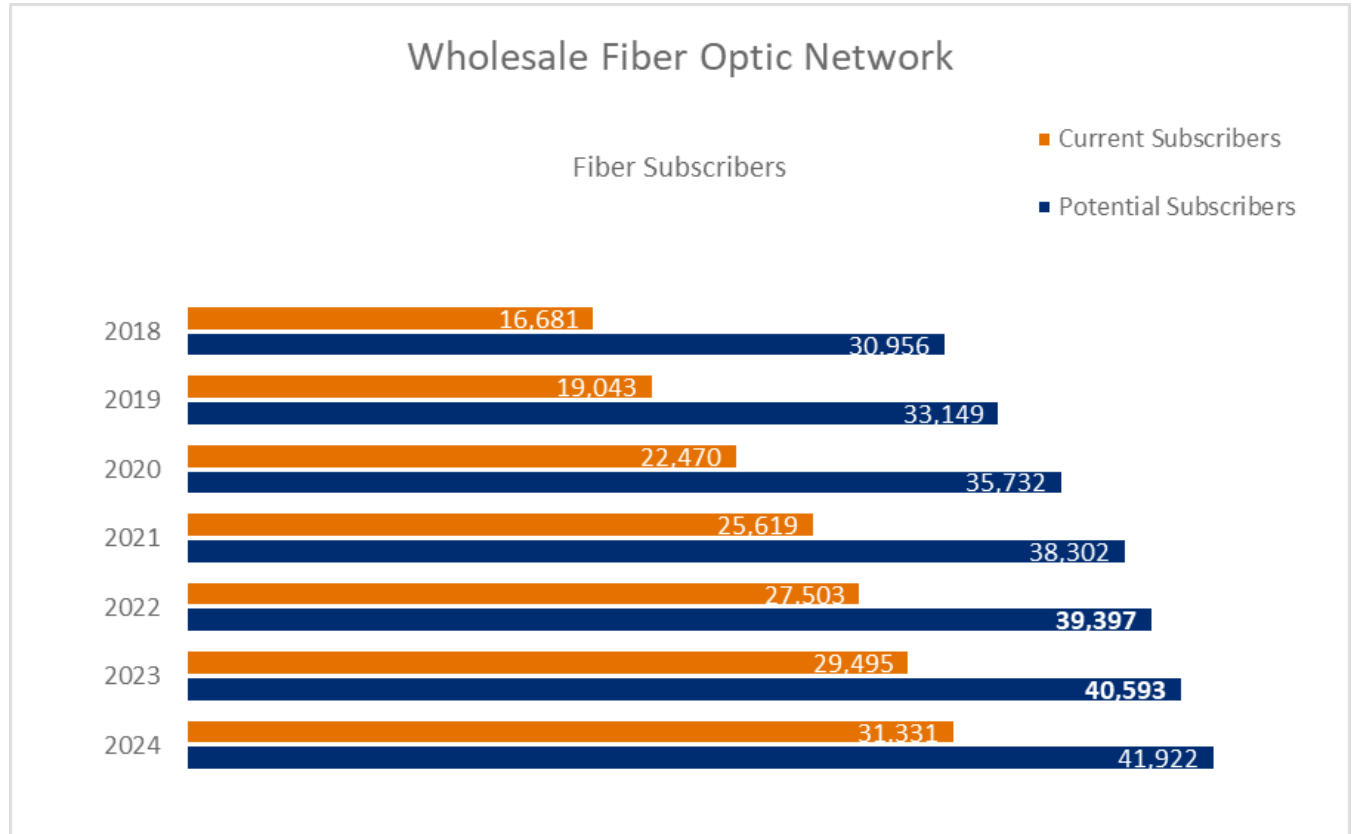
Electronic Technician, LA New Hire

Extended Leave

- Fiber Technician

Recap

Wholesale Fiber Participation



Recap

Wholesale Fiber Business Plan

Annual Cash Generation	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Wholesale Fiber System Revenue	13,911,310	15,321,047	15,905,030	16,111,064	16,669,363	17,223,492	17,754,603	18,250,356	18,719,254	19,162,186
Anticipated Rate Increase (9mos)			710,280	947,040	947,040	947,040	947,040	947,040	947,040	947,040
Wholesale Fiber System Labor & O&M Expenses	(2,500,623)	(2,564,438)	(5,585,992)	(5,707,164)	(5,849,844)	(5,996,090)	(6,145,992)	(6,299,643)	(6,457,135)	(6,618,563)
Wholesale Fiber System Capital Expenses	(15,076,931)	(20,288,164)	(3,350,813)	(3,537,714)	(3,572,542)	(3,611,208)	(3,630,327)	(3,656,747)	(3,683,801)	(3,725,374)
Interest Paid to the Electric System	(374,752)	(332,440)	(288,436)	(242,671)	(195,076)	(145,577)	(94,099)	(69,231)	(53,059)	(36,850)
Principal Payments Paid to the Electric System	(1,057,794)	(1,100,105)	(1,144,110)	(1,189,874)	(1,237,469)	(1,286,968)	(621,697)	(404,310)	(405,221)	(305,909)
Total	(5,098,790)	(8,964,101)	6,245,959	6,380,681	6,761,472	7,130,689	8,209,528	8,767,465	9,067,078	9,422,530

Q4 2024 Recap

Build New	Repair/Replace	Redundancy	Capacity
Fiber Expansion, except for Banks Lake and Multiple Home Parks	Mattawa Backbone and White Trail to Potholes Cable repairs	Wanapum Switchyard Fiber Path	ASR at Titan, Sand Dunes, and Burke Upgraded the Backbone Ring to 80 G
West Canal Substation	DC Plant at Titan and Sand Dunes	Wanapum ICON Deployed (waiting PP for service)	
Hub 41, Hub 44 and ML3 Expansions	911 CER Upgrade		
EHQ DC Tools DMZ (Security Enhancement)	Router 4500 at Moses lake Distribution		

Q1 2025 Outlook

Near-Term Plans

Build New	Repair/Replace	Redundancy	Capacity
Grant PUD Campground Design	Alley behind Walker's	ML2 Redundancy	Desert Plains
Painted Hills Backbone Fiber Feed	Hub 71 Damage	Douglas Meet Me Location	Jack Rabbit Estates
	Cable Repair between Hubs 52 & 53	Application Redundancy in the Wanapum Switchyard	Add another 10G Internet Circuit
	ICON Priest Rapids and Midway	Quincy Plains Backbone Secondary Fiber Feed	
	District Wireless Controller Replacement		

Long-Term Strategy

- 5 Year Capital Telecom & Fiber Roadmap, customer meetings, and prioritizing work.
- Work Management Pillar, utilize the current application (SD+tasks, SD+project) to include tracking, scheduling, and tasks for Telecom & Fiber Services employees.
- Work Management Pillar, identify all asset inventory, system depository, and documented procedures for auditing in the field.
- Carrier Class Pillar, develop a comprehensive capital plan for Grant PUDs fiber network to achieve carrier class capability by increasing redundancy and reliability through incremental infrastructure improvements.
- Workforce Development Pillar, update career ladders, certification requirements, and updates on job descriptions.

Commission Support: Key Asks

Outline Support Required from the Commission

- Monitoring Contract
- Rate Schedule 100 Changes
 - Access Update
 - Advanced services 10 Gig Update

Questions?



Powering our way of life.

Thank you!



Department Name:	Key Presenters:	Date:
Telecom & Fiber Services	Terry McKenzie	1/28/25

Presenters, please fill out the following information and provide it to Commissioners as a supplement to your presentation.

LAST QUARTER RECAP

Quarterly Goals	<p>Recap goals set for the previous quarter and their outcomes:</p> <ul style="list-style-type: none"> • Fiber Expansion complete except for Banks Lake and a few multiple home parks • West Canal Substation • Hub 41, 44 and ML3 Expansions • EHQ DMZ Security Tool • Mattawa Backbone and White Trail to Potholes Cable repairs • DC plant at Titan and Sand Dunes • Upgraded 911 CER • Replaced router 4500 at Moses Lake Distribution • Wanapum Switchyard fiber path • Wanapum ICON installation • Upgraded the Backbone to 80 G using ASR technology
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NEAR-TERM PLANS (NEXT QUARTER)

Project Updates	<p>Provide status of ongoing projects and any shifts in priority:</p> <ul style="list-style-type: none"> • Grant PUD campground design • Painted Hills backbone fiber feed • Cable replacement in the alley behind Walkers • Hub 71 damage • Cable replacement between hubs 52 and 53 • ICON replacement at Priest Rapids and Midway • District Wireless controller replacement • ML2 Redundancy • Douglas PUD meet me location in Grand Coulee • Application redundancy in the Wanapum switchyard • Quincy Plains backbone secondary fiber feed • Desert Plains and Jack Rabbit Estates expansions • 10G Internet circuit
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LONGER-TERM STRATEGY

Roadmap	<p>Discuss strategic initiatives and projects on the longer-term roadmap:</p> <ul style="list-style-type: none"> • 5 Year Capital Telecom & Fiber Roadmap, customer meetings, and prioritizing work. • Work Management Pillar, utilize the current application (SD+tasks, SD+project) to include tracking, scheduling, and tasks for Telecom & Fiber Services employees. • Work Management Pillar, identify all asset inventory, system depository, and documented procedures for auditing in the field.
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	<ul style="list-style-type: none"> Carrier Class Pillar, develop a comprehensive capital plan for Grant PUDs fiber network to achieve carrier class capability by increasing redundancy and reliability through incremental infrastructure improvements. Workforce Development Pillar, update career ladders, certification requirements, and updates on job descriptions.
Strategy	<ul style="list-style-type: none"> Anticipate organizational needs and how the department plans to address them: Outline how the department aligns with and supports the organization's broader goals, mission, and vision:

COMMISSION SUPPORT: KEY ASKS

Specific Requests	<ul style="list-style-type: none"> Upcoming contracts, change orders, policy changes or decision points requiring Commission involvement: <ul style="list-style-type: none"> Monitoring Contract Rate Schedule 100 Changes <ul style="list-style-type: none"> Access Update Advanced services 10 Gig Update
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QUARTERLY BUSINESS REVIEW

Cultural Resources Department

January 28, 2025



Powering our way of life.

Team Updates

- Departures
- Vacancies
- Promotions

Departures



No separations

Vacancies

Archaeology:

- *River Patrol*

Interface Office:

- *None*

Traditional Program:

- *None*

Promotions

- *None*

Q4 Recap

Quarterly Goals

The Cultural Resources program supports the Heritage and Innovation values and maintains a 100% compliance record by:

- Completing 2024 project-wide cultural resource monitoring and reporting
- Supporting ongoing development by timely processing of compliance documents
- Consulting with federal and state agencies and Tribes via the Q4 stakeholder meeting

Q4 Recap

Key Metrics

- Regulatory Compliance
 - Compliance Violations = 0
 - NCRRP Reviews = 18
 - FERC orders/notices = 0
 - Summary/Listing of filings=0
- Safety Metrics
 - Incidents = 0
 - Close calls = 0
 - JSRs = 16
 - Safety meeting attendance = 96%

Q4 Recap: Archaeology Section

- Archaeological site monitoring program was completed on time in September
- Our annual monitoring report and HPMP compliance report was submitted to FERC on time.
- Q4 Cultural Resources Working Group meeting was held December 11, discussion focused on details our 2025 monitoring program.
- The CRWG requested an analysis of monitoring program data collected over the past 6 years and are seeking recommendations for mitigation, if warranted.
- We supported several capital projects including the Wanapum to Mountain View Transmission Line, PR Hatchery Siphon Intake Project and the PR Spillway Stability Improvement Project.
- The department supported energy production efforts by contributing to siting and permitting for potential new development projects
- The Wanapum to Mountain View archaeological field survey is underway
- As a result of consulting on the PR Spillway Stability project, DAHP has requested a new Historic Properties Inventory of the PR dam.

Q4 Recap: Interface Office

- PRREIP – MOA stipulations for effects to the Wanapum Indian Village are essentially fulfilled. The District drafted a memo to commit to and schedule the few last details, including a report of cumulative effects that will close out the MOA with the Wanapum.
- The Wanapum continued participation in the Hanford DOE cultural resource working group with BPA, PNNL USFWS, and USACE to protect Wanapum interests on the Hanford site
- Wanapum have signed an inter-tribal agreement to form a tribal commission to oversee site management at Rattlesnake mountain. Clayton Buck represents the Wanapum as the appointed commissioner.

Q4 Recap: Traditional Program

The Wanapum Heritage Center is open to the public Thursday through Monday; Tuesdays and Wednesdays are dedicated to local school Districts.

- Archaeology Day 2024 was a success with 11 public schools and home school student participation.
 - Kids Day Total: 762
 - Adult Day Total: 155
- The new WNADU completed its first trip: Heritage Center staff visited the Richland Operations Office at the Department of Energy to participate in a Native American Heritage month event for federal employees.
- The Wanapum sponsored the 1st “Honoring our Elders” gathering.
 - 114 elders from across the region attended, including Washington, Oregon, Idaho and British Columbia.

Q1 Outlook

Near-Term Plans

The Q1 Cultural Resources Working Group meeting will be held in late March and the focus will be on required mitigation for long-term adverse effects to archaeological sites within the project boundary.

A long-term support contract with Northwest Anthropological Associates will end in Q1 as the principal of the company is retiring. We will work to identify alternative support for Wanapum TCP monitoring and NCRRP reviews. Our goal is to ultimately bring this function in-house.

Long-Term Strategy

The Cultural Resources Department supports our Heritage and Innovation values and more broadly helps fulfill objective #6 of our strategic plan. Several long-term projects and activities are key.

- The Wanapum Tule mat house project opening is scheduled for September 30th, 2025.
 - Week of 9/8 frame set up
 - Week of 9/15 mats go up

The tule mat house will be open for approximately 3 weeks. The goal is to have the set up completed just before Archaeology Days, currently scheduled for October 1&2, 2025

October 2025 will be the 10-year anniversary of the opening of the Wanapum Heritage Center, we will plan a small public celebration.

WHC has agreed to participate in the “America 250”, a celebration of the American Semiquincentennial (250th anniversary of America’s founding). An exhibit will be on display in 2026.

Commission Support: Key Asks

- Continued financial support for the Cultural Resources program to maintain our FERC compliance record
- Continued support for the Heritage Value as we uphold the Wanapum relationship
- Q3-4 Support for project-wide archaeological mitigation as we begin to address adverse effects of project operations

Questions?



Powering our way of life.

Thank you!



Powering our way of life.

Department Name:	Key Presenters:	Date:
Cultural Resources	Brett Lenz	1/28/25

Presenters, please fill out the following information and provide it to Commissioners as a supplement to your presentation.

LAST QUARTER RECAP

Quarterly Goals

Recap goals set for the previous quarter and their outcomes:

- The Cultural Resources program supports the Heritage and Innovation values and maintains a 100% compliance record by:
- Completing 2024 project-wide cultural resource monitoring and reporting
- Supporting ongoing development by timely processing of compliance documents
- Consulting with federal and state agencies and Tribes via the Q4 stakeholder meeting

Accomplishments

- Archaeological site monitoring program and annual report was completed on time in September and December, respectively.
- Q4 Cultural Resources Working Group meeting was held December 11, discussion focused on details our 2025 monitoring program.
- The CRWG requested an analysis of monitoring program data collected over the past 6 years and are seeking recommendations for mitigation, if warranted.
- Supported capital projects including the Wanapum to Mountain View, PR Hatchery Siphon Intake and the PR Spillway Stability Improvement Project.
- The department supported energy production efforts by contributing to siting and permitting for potential new development projects
- The Wanapum to Mountain View archaeological field survey is underway
- As a result of consulting on the PR Spillway Stability project, DAHP has requested a new Historic Properties Inventory of the PR dam.
- PRREIP – MOA stipulations for effects to the Wanapum Indian Village are essentially fulfilled. The District drafted a memo to commit to and schedule the few last details, including a report of cumulative effects that will close out the MOA with the Wanapum.
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NEAR-TERM PLANS (NEXT QUARTER)

Project Updates

- Provide status of ongoing projects and any shifts in priority:
- The Q1 Cultural Resources Working Group meeting will be held in late March and the focus will be on required mitigation for long-term adverse effects to archaeological sites within the project boundary.
- A long-term support contract with Northwest Anthropological Associates will end in Q1 as the principal of the company is retiring.

LONGER-TERM STRATEGY

Roadmap

Discuss strategic initiatives and projects on the longer-term roadmap:

- The Wanapum Tule mat house project opening is scheduled for September 30th, 2025.
Week of 9/8 frame set up
Week of 9/15 mats go up
- The tule mat house will be open for approximately 3 weeks. The goal is to have the set up completed just before Archaeology Days, currently scheduled for October 1&2, 2025
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- WHC has agreed to participate in the “America 250”, a celebration of the American Semiquincentennial (250th anniversary of America’s founding). An exhibit will be on display in 2026.

COMMISSION SUPPORT: KEY ASKS

Specific Requests

- Upcoming contracts, change orders, policy changes or decision points requiring Commission involvement:
- Continued financial support for the Cultural Resources program to maintain our FERC compliance record
- Continued support for the Heritage Value as we uphold the Wanapum relationship
- Q3-4 Support for project-wide archaeological mitigation as we begin to address adverse effects of project operations