

# Safety Report September 2021



Date	Injury	Description		Prevention
8/16/21	Back Strain	An employee strained his lower back at the RCWSE yard getting out of the pickup truck while carrying a box. He exited onto gravel concrete type footing. He thought the condition of his lower back would get better, but it was worse by the time he got back to the MLWSE. The employee later went to Occupational Medicine for evaluation and care.	Uneven Walking, working surface	Situational awareness
8/26/21	Shoulder Strain	While in water rescue training pulling a dummy into the boat, an employee had a sharp pain in his left shoulder.	Overexertion	Under evaluation
8/31/21	Head/neck	An employee ran into on a 550 electrical cord which was temporarily zip tied to the ceiling. A hard hat was worn but caused employees head/neck to be jammed. The connector cover plate was pointed down which hung lower than the rest of the items on the ceiling. After hitting head, the cord was rotated so the cover plate was not hanging down.	Overhead Obstruction	Job plan considerations

## Injuries Reported



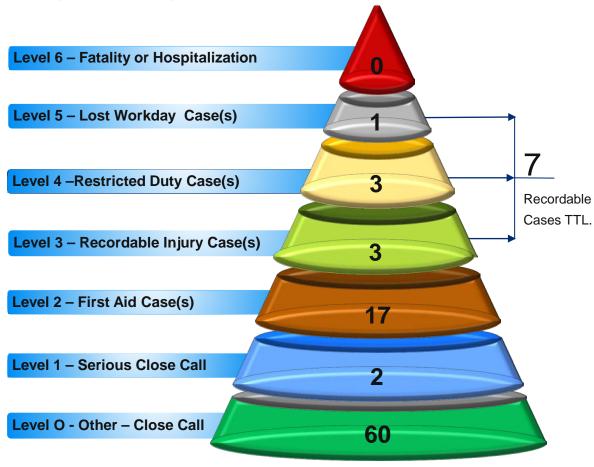
2020	Month	YTD
Total Incidents Reported	3	17
Recordable Case(s)	0	3
Restricted Duty Case(s)	1	3
Lost Workday Case(s)	0	1

## Monthly and Year to Date

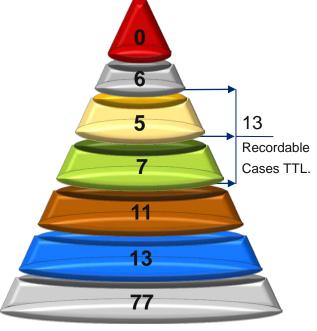


### **2021 incidents Year to Date Summary**

**Employee Safety** 



2021



2020





Date	Vehicle	Driver's Account:	Prevention
8/2/21	T504	Incident involved a building *No other information was provided in this report*	??
8/3/21	PT52	Incident involved a stump while backing Trailer PT52 with Boat PT51 attached, kicker motor and rear end of trailer struck a small stump that was hidden by several dead sagebrush branches piled over it. The employee was driving alone in the vehicle, so did not have a spotter. A 360 walkaround was completed. Upon completion the walkaround the employee noticed a small pile of dead sage where it was needed to back up to, since the area was tight, and had no other route available to take. Believing that it was just some dead sage he proceeded to back up striking the hidden stump not recognized during walkaround.	More detailed evaluation of surroundings
8/24/21	T115	Smelled and saw diesel fuel on the gravel, shutdown.	Little detail to make a determination

## **Vehicle Incidents**

ALL ALL THE REAL OF



Date	Location	Description						
8/4/21	ESC	Transportation received a phone call from a Grant PUD employee having an issue with an electric brake trailer they were pulling with a district pickup. They said the brakes on the trailer were locking up every time they applied the brakes on the pickup. The employee was asked what the gain was set at on the electric brake controller. The employee was not familiar with the break gain, walked through the adjustment and the issue was resolved.						
8/18/21 Moses Lake reinforced concrete. Stopped worl		While excavating for a new line, the crew encountered a previously unidentified Transite conduit encased in reinforced concrete. Stopped work, called Safety, and then HazWaste. Safety and HazWaste responded and collected the asbestos debris for proper disposal. Samples will be analyzed, and location will be documented for future reference.						
8/20/21	A report was received of a potential blue-green algae exposure on the Columbia River near Desert Aire a the southern end of the Priest Bapids Recreation Area (PBRA). The information we have is that a dog na							

## **Close Calls**

ALL ALL DATE



Date	Location	Description
8/31/21	Wanapum	Steel cover on roadway is loose and will not set flush. The cover is hitting the equipment in the hole and could pop out if ran over just right.



## **Close Calls**

A CONTRACTOR

COLUMN STATES



Date	Location	Description					
8/18/21	Rocky Coulee	A Contract Security Officer fell asleep while driving near Rocky Coulee during a routine patrol. The officer is newly employed. At approximately 0451 DSOC was notified by the Officer that he was involved in an accident and the patrol vehicle had rolled down a hill.					
8/19/21	Hartline	Two NSC employees were traveling in a 1 ton on Hwy 17 to get to the job site in Hartline. Coming up to the dry falls junction they hit a small deer. There was no damage to the vehicle. The employees attempted to swerved to avoid the collision with the deer but was unsuccessful.					

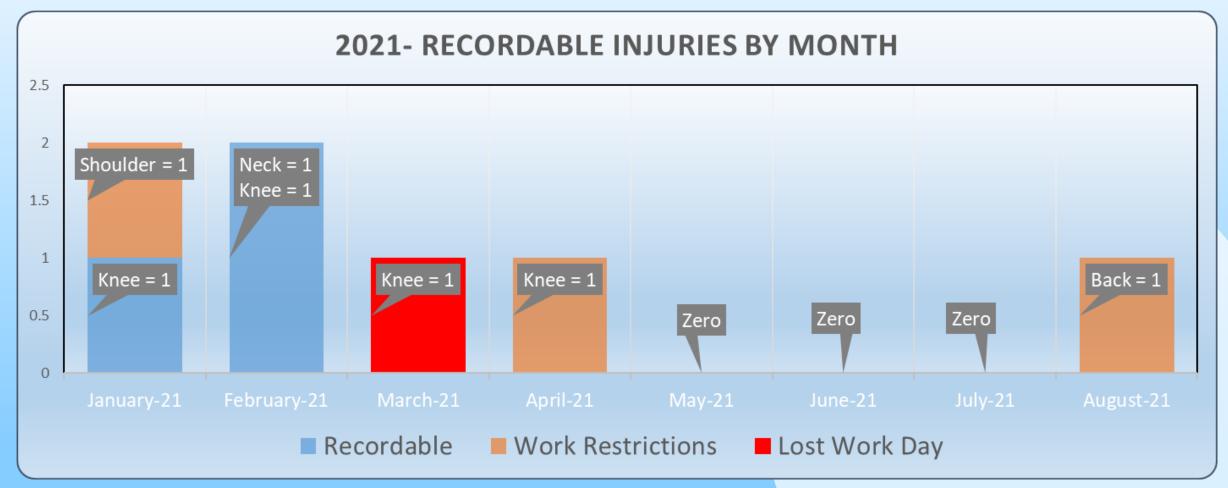
### **Contractor Close Calls, Injuries & Incidents**



### Leading & Lagging Indicators



### Leading & Lagging Indicators





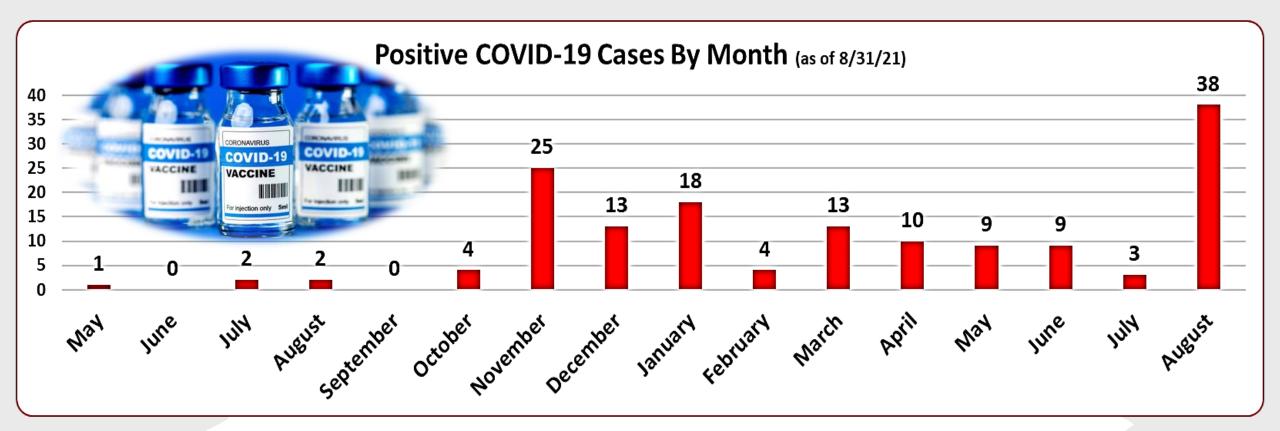


### Leading & Lagging Indicators









**38** A record thirty-eight COVID-19 cases were reported during the month of August.





### **Safety Action Item Critical Success Factors**

#### Incident Reporting (Date of Entry into System vs Date of Distribution Systemwide)

- Number of Close Calls in **August** = 9
- Number of Close Calls sent Next day after being entered into the system = 5



#### Number of Open Action Items over 60 days old

As of <b>July</b> 2021	As of August 2021					
Year 2017 = 7	Year 2017 = ?					
Year 2018 = 9	Year 2018 = ?					
Year 2019 = 17	Year 2019 = ?					
Year 2020 = 6	Year 2020 = ?					
Year 2021 = 10	Year 2021 = ?					
Month Total = <b>49</b>	Month Total = <b>36</b>					
Net - August 2021 - 13						





### **Incident Reporting for August 2021**

(Date of Incident vs. Date of Entry into System)

#### Injuries

- Total Number of Injuries = 5
- Total Number of Injuries Which Date of Incident and Date Entered into System Match = 4

#### Mobile

- Total Number of Mobile Incidents = 9
- Total Number of Mobile Incidents that Date of Incident and Date Entered into system match = 6





## **Thank You!**



### Powering our way of life.





### Safety QBR by Operating Unit v4 Aug2021

View in Power BI 🖊

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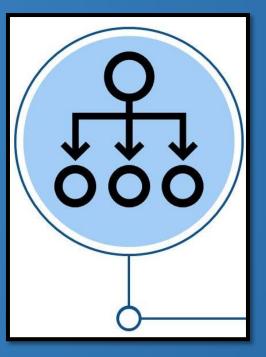
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### Safety Department internal staffing realignment

The Safety Department has recognized a need and opportunity to refine, develop, and increase support for Industrial Hygiene and Contractor Safety management. To support this effort the following internal reorganization has recently occurred to utilize our strengths.

- John Price, dedicated to Industrial Hygiene, supports safety, relocated to WMC
- Nichole Bortle, dedicated to Priest Rapids Dam, relocated to PR
- Mike Miland, dedicated to Wanapum Dam, no relocation
- Jordan Rang, dedicated to contract labor projects outside of Power Production. Relocated to Ephrata Annex
- Ron Roth, develop department contractor safety management protocols and structure. Mentor Jordan Rang. Support safety team as needed. No relocation
- RJ Fronsman, dedicated to Power Delivery, no relocation





### **Realignment Anticipated Benefits**

### Industrial Hygiene

- Industrial Hygiene will help ensure compliance with WAC regulations for worker exposures to asbestos, lead, silica, hexavalent chromium, and other chemicals of concern.
- Assistance for Supervisors and Project Managers to ensure buildings and projects are evaluated for hazardous materials, as required by various WAC regulations.
- Serve as the collection point and maintain a database for all hazardous materials information related to facilities, work areas, and workers exposures throughout the PUD
- Support Safety, Project Managers, and District Representatives





### Realignment Anticipated Benefits (cont....)



### **Contractor Safety Management**

- Effective alignment and engagement with contractors and District Representatives
- Risk reduction injuries and delayed project timeline(s)
- Improved communication and expectations between District and Contractors
- Collaboration with PM/DR regarding contractor safety protocols
- Improved field presence
- Greater understanding of contractors' strengths and weaknesses



### Safety Related Program and Policy Review

### **Annual Review**

To ensure compliance, the Safety Department is performing an annual review of a subset of our programs housed in PolicyTech.

- Lead Compliance Program
- Elevate Work Platform Program
- Overhead and Gantry Crane Program
- Agency Inspections Protocol
- Asbestos Program
- Persona; Protective Equipment Program
- Others...





### COVID-19 Update

The Safety Department continues to manage the COVID Hotline, Contact Tracing, Antigen testing program, and support COIVD-19 vaccination efforts.

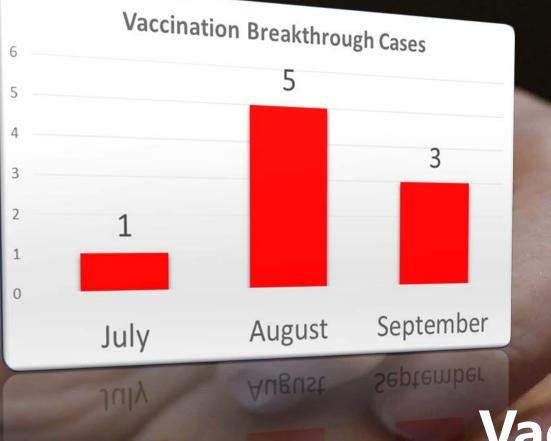
This team has done an outstanding job of balancing the immediate COIVD-19 related needs for employees and perform non-COVID-19 related day to day tasks and support for the District.

Contact Tracing Status (YTD)

- 426 Quarantine/Isolation cases (as of 9/22)
- 139 COVID-19 Positive Cases (as of 9/22)







### Vaccination Breakthrough Rate = 2.2%

## Vaccines

- 411 (55% of 754) employees reported receiving at least 1 vaccine dose (as of 9/10/21).
- 409 (54%) are fully vaccinated.



## The Benefit of an Antigen Testing Program

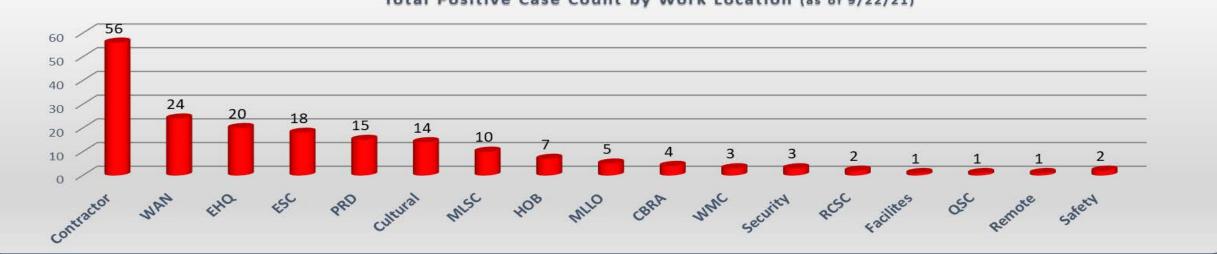
Our testing program has identified twenty-six(26) covid-19

positive cases since inception.

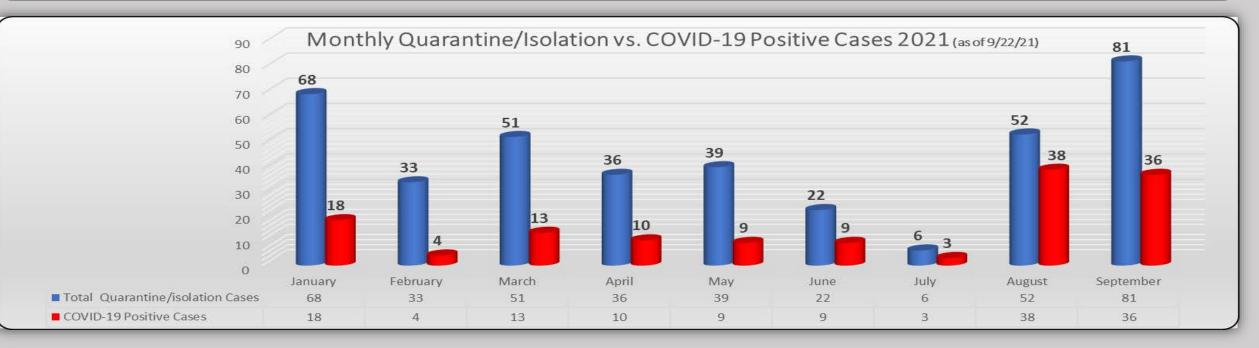




#### EE – Safety and Industrial Training QBR Year-to-Date August, 2021

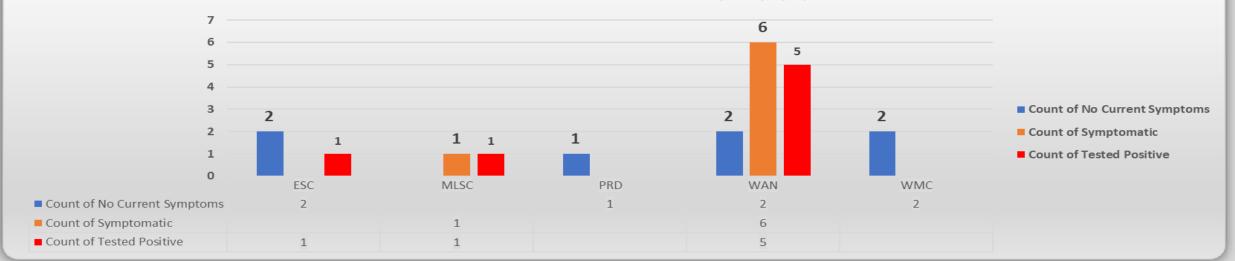


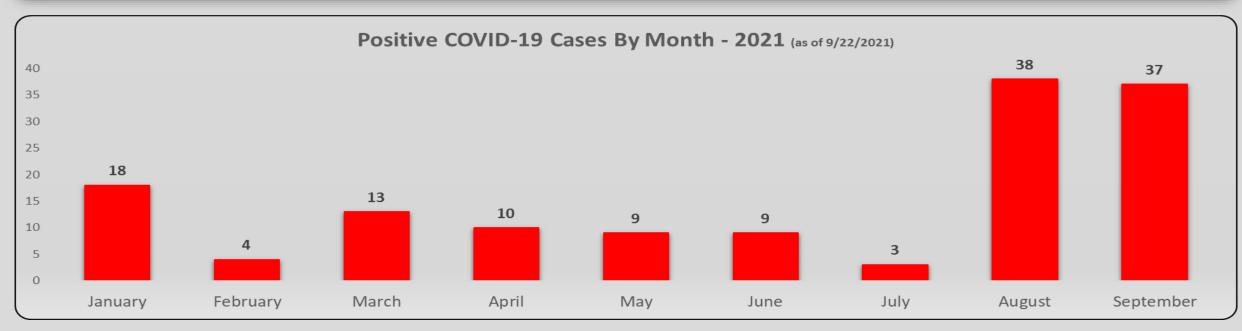
#### Total Positive Case Count by Work Location (as of 9/22/21)











### Grant O&M Budget Versus Actuals

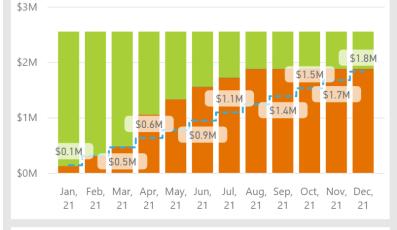
#### Operating Unit

EE - Safety and Industrial Training

#### O&M Budget vs Actuals (Including Cap Labor)

#### Capital Labor & Net Actuals YTD Vs. Year-End-Projections









### 9%

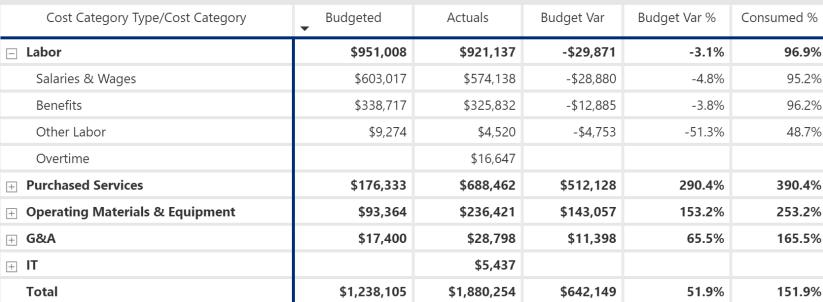
Capital Labor Actuals Vs. Budget

\$4,785 -88.6%

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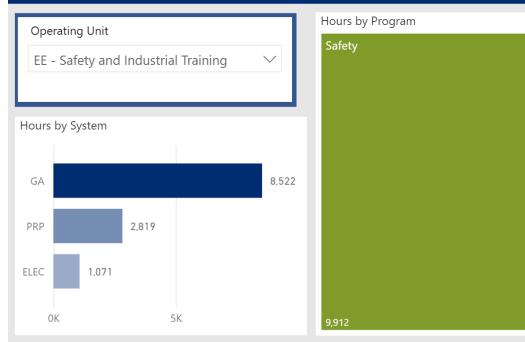
Net Actuals Vs. Budget

\$1.9M +56.8%



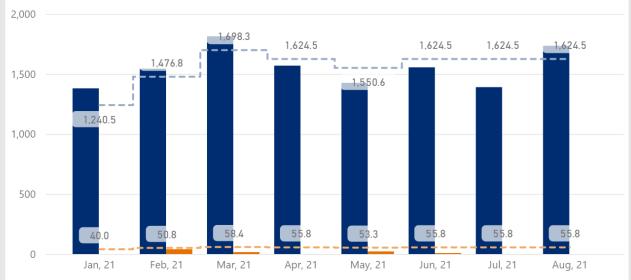
### Employee Activity

#### EE - Safety and Industrial Training QBR Year-to-Date August, 2021



Hours and CAP Hours Vs. Budgets



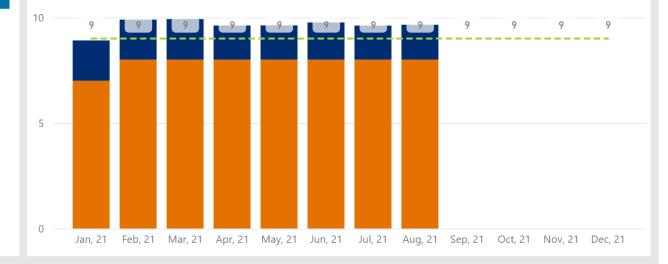


#### Hours by Initiative

COVID-19 Response		4,5	62
	10-Year Electric System Impro		69
	WAN Powerhouse Roof		12
	PR Generator Rewind		10
PR Turbine Upgrade		10	
	DB2 - Baird Springs Substation		5

#### Headcount and Budget by Month & Year

● Actual Headcount FTR ● Actual Headcount FTE ● Headcount Budget



# 2022 BUDGET PRESENTATION

**OUR PLAN FOR DELIVERING VALUE TO OUR CUSTOMERS** 





Powering our way of life.

## **Topics Covered**



Budget Initiatives & Process



### **Strategic Initiatives**



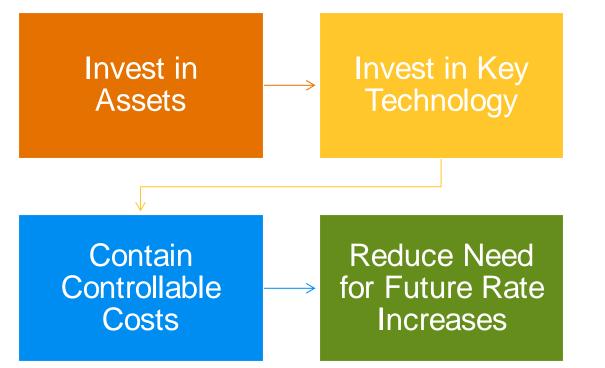
### Summary of Results





## Keys for the Budget & Planning Process

- 1. Provide value for current and future Grant PUD customers
- 2. Maintain the utility's financial health







# 2022 Budget aligned with customers' top priorities:

- Provide reliable electric power with few outages.
- Good customer service.
- Provide real-time information and communication on energy, use and outages.
- Keeping electricity prices as low as possible.

Source: 2019 Customer Satisfaction Survey



## Major 2022 Budget Initiatives:

- 1. Grant PUD's financial position
- 2. Expansion of data optimization continuation of a multi-year process
  - Inclusion of "Asset-Type"
- 3. Expansion of detailed project data for the 2022 Capital Plan
  - Monthly granularity and "Cost Category-Type"
- 4. Introduction of the "Business Case" process to identify Strategic Initiatives
- 5. Detailed budget data available for review



## **2022 Budget Process:**

- 1. Round 1 Business Unit Focus
  - Bottom-up input from all business units (BU) for O&M and Labor
  - Need for business cases identified
  - CXO review with BUs (2 day process)
  - Initial screening of business cases by FP&A and review with CXOs
- 2. Round 2 Strategic Focus
  - Establish Capital spending expectation
  - Refinement of O&M and Labor with BUs
  - CXO evaluation/selection of the most valuable / highest priority business cases
- 3. Round 3 Commission and Public Review
  - Commission review and public outreach
  - Budget adoption



## **2022 Budget Timeline:**

Task	PARTICIPANTS	START	END	Jan	Feb	Mar	Apr M	lay J	Jun	Jul	Aug	Sep	Oct	Nov	Dec
PLANNING		1/22/21	5/31/21												
Pre Kick-Off Meeting	CXOs, FP&A	1/22/21	5/27/21												
Kick-Off Meeting	BU SMEs, BU Mgrs, CXOs, FP&A	5/28/21	5/28/21												
Distribution of Info and Materials	BU SMEs, BU Mgrs, CXOs, FP&A	5/28/21	5/28/21												
ROUND 1		6/1/21	7/29/21												
BUs prepare O&M and Labor Plans, Biz Cases	BU SMEs, BU Mgrs, FP&A	6/1/21	6/29/21												
Office Hours, Four 2-hr sessions	BU SMEs, BU Mgrs, FP&A	6/10/21	6/29/21												
Collect/Process of O&M, Labor and Biz Cases	BU SMEs, BU Mgrs, FP&A	6/29/21	7/12/21												
CXOs and BUs review and edit processed info	CXOs, BU Mgrs, BU SMEs	7/13/21	7/21/21												
Collect/Process Non-Op Rev/Exp/Inputs, Fin Fx and CXO docs	Acctg, Trsry, Rates, Risk, WS, FP&A	6/8/21	7/27/21												
Round 1 CXO meetings -> Finalize Round 1	CXOs, Sr Mgrs, FP&A, EPPM	7/28/21	7/29/21												
ROUND 2		7/30/21	9/7/21												
Distribution of Info and Materials	FP&A	7/30/21	7/30/21												
BUs refine O&M and Labor Plans, Business Cases	BU SMEs, BU Mgrs, FP&A	7/30/21	8/17/21												
Capital Project Processing and Review	CXOs, BU Mgrs, EPPM	8/1/21	8/25/21												
Collect/Process of O&M, Labor, Biz Cases, Fin Fx, CXO docs	BU SMEs, BU Mgrs, FP&A	8/17/21	8/31/21												
Round 2 CXO Meetings -> Finalize Round 2	CXOs, Sr Mgrs, FP&A, EPPM	9/1/21	9/7/21												
ROUND 3		9/8/21	12/17/21												
Prepare and Review Materials for Commission/Public Review	FP&A, CXOs, Commission	9/8/21	10/11/21												
Public Meetings	Commission, CXOs, FP&A	10/12/21	10/14/21												
Budget Adopted	Commission	11/9/21	11/9/21												
Budget Upload to ODS	Acctg, FP&A	11/9/21	12/17/21												



# 02 Strategic Initiatives Overview



# Strategic Initiatives Overview: Hydro Generation Management

**Organization:** Wanapum Dam, Priest Rapids Dam and Wanapum Maintenance Center reporting to Senior Manager of Hydro Generation.

**Defined:** Hydro Generation is responsible for safely, efficiently and reliably generating power with Grant PUD's 4 hydro generation projects.

#### Vision:

Every employee understands how the work they do to generate power contributes to providing customer value and are motivated to improve on that value while keeping risks to an acceptable level.

#### **Results:**

Increased hydro generation profit

- (Total hydro gen revenue) / (Total hydro gen O&M + labor + new capital)
- (Total hydro gen revenue) / (Total hydro gen O&M & labor & debt service costs)

Reduced safety, compliance and operational risk, working toward an optimized profit/risk profile



## Strategic Initiatives Overview: Asset Management

Organization: Power Delivery Asset Management, Power Production Asset Management

**Defined:** Asset Management is the coordinated activity of the organization to realize the most value from our assets.

<u>Vision:</u> Grant PUD will clearly understand how asset activities (Install, inspect, maintain, refurbish, replace, dispose) impact our corporate objectives.

#### Results:

- Better asset data for increased confidence in **decision making**.
- Ability to measure the results of asset decisions and demonstrate the outcome.
- Ensuring value for our customers today and for the next generation.



# Strategic Initiatives Overview: Long Range Resource Planning

**Organization:** Long range resource planning will be placed in the Wholesale Marketing and Supply team and will work closely with Risk, Financial Planning and Analysis, Power Production and Power Delivery.

**Defined:** Long range resource planning will focus on longer term (3–10 years) decisions on load and resource balancing. This is an area in the past that has not been a large priority at Grant due to the amount of resources from the Priest Rapids Project. This has changed as Grant PUD's load has grown over the past 15 years.

The latest Integrated Resource Plan indicated that Grant PUD will need seasonal capacity by as early as 2026, and yearly capacity and energy by 2028. Long range resource planning will focus on the evaluation of future alternatives including new generation build(s), Power Purchasing Agreements (PPA), demand side response, and distributed generation to meet this need.

#### Vision:

Lead the development of better planning and analysis on long range load and resource balancing.

#### **Results:**

Improved assessment of Grant PUD's future capacity and energy requirements.

Improved planning strategy to inform the acquisition of power resources that deliver customer value through long term reliable service, and competitive, stable, and predictable pricing.



# Strategic Initiatives Overview: Enterprise Technology (2022)

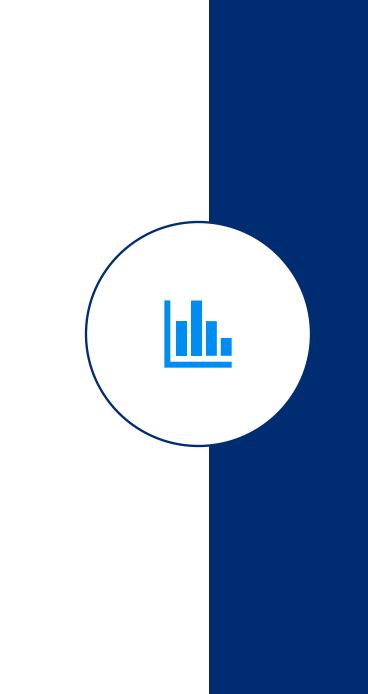
**Organization:** Software Engineering & Architecture, Network Engineering & Telecom, Service Desk, Platform Operations, Enterprise Applications

#### Key 2022 Results & Starts:

- **GEN2** Go-Live. 2-year effort to modernize our Electric Distribution and Fiber system design and as-built tracking environment with world-class ESRI Geographic Information System (GIS) based tools for the office and field. Enables engineering and field workers to access the designs in real-time and provide markup in the field.
- EMS Kick-off. 2-year effort to replace our Energy Management System (EMS). A new EMS will support planned changes in the District's operating paradigms and open the opportunities to utilize more standardized core functions of an EMS system including Automatic Generation Control (AGC).
- Mobile Workforce Management Go-Live. 9-month effort to deploy best in class mobile tools for coordinating and tracking field service work in Power Delivery with full integration between Customer Service and Power Delivery Crews for real-time assignment and update on field activities.
- **Technology Infrastructure Modernization** Go-Live for Hyper-converged Data Center Infrastructure, Optical Backbone Core, Cyber Infrastructure, Business Ethernet Network and related tools for monitoring/alerting/configuration management. Provides a high performance, scalable, reliable and cost-efficient environment for the foreseeable future.
- Finance & Supply Chain Modernization Kick-off. This will be a multi-year effort to replace our Microsoft Great Plains legacy finance solution and add Inventory/Warehouse/Supply Chain management.



# 03 Summary of Results



### Total expenses for 2022 (before offsets)

All figures in Millions		2019 Actual	2020 Actual	2021 Budget	2021 YEP	2022 Budget	
Operations & Maintenance – Total:		\$126.4	\$134.7	\$143.6	\$154.6	\$156.9	
	Electric System O&M – Total:	\$52.2	\$55.7	\$59.4	\$64.1	\$66.9	
	Electric System O&M – Direct:	*	*	\$22.4	\$22.2	\$23.9	*Historical breakout not
	Electric System O&M – Labor:	*	*	\$37.0	\$41.9	\$43.1	available
	Priest Rapids Project O&M – Total:	\$74.2	\$79.0	\$84.1	\$90.5	\$89.9	
	PRP O&M – Direct:	*	*	\$39.5	\$39.4	\$40.0	
	PRP O&M – Labor:	*	*	\$44.6	\$51.1	\$50.0	
Тах	(es:	\$17.9	\$17.7	\$18.1	\$19.3	\$19.5	

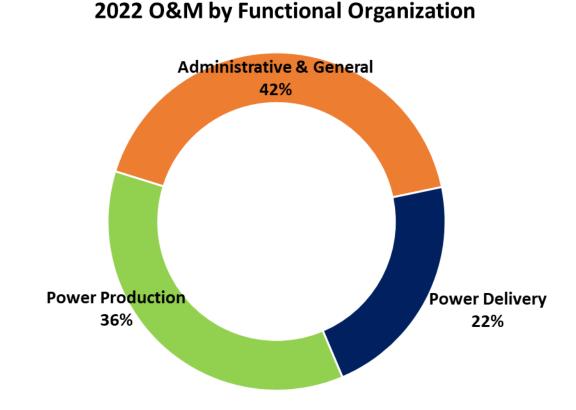


### Total expenses for 2022 (before offsets) – Cont.

All f	igures in Millions	2019 Actual	2020 Actual	2021 Budget	2021 YEP	2022 Budget	
Ca	pital –Total:	\$123.7	\$122.5	\$143.3	\$139.6	\$145.4	
	Electric System Capital – Total:	\$57.2	\$74.4	\$73.7	\$88.2	\$90.1	
	Electric System Capital – Direct:	*	*	\$60.7	\$78.8	\$78.6	*Historical breakout not
	Electric System Capital – Labor:	*	*	\$13.0	\$9.4	\$11.5	available
	Priest Rapids Project Capital – Total:	\$66.5	\$48.1	\$69.7	\$51.4	\$55.3	
	PRP Capital – Direct:	*	*	\$52.4	\$41.3	\$42.0	
	PRP Capital – Labor:	*	*	\$17.2	\$10.1	\$13.4	
De	bt Service (net of rebates):	\$87.8	\$72.9	\$75.6	\$74.5	\$75.7	
ТО	TAL EXPENSES (before offsets):	\$356.9	\$356.9	\$380.6	\$387.9	\$397.5	



### **Operations and Maintenance Expense**

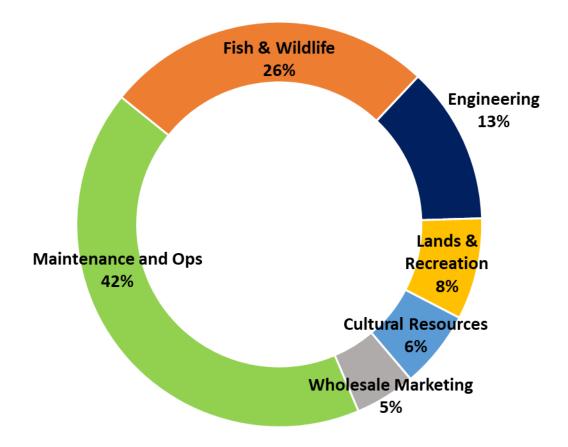


CostType	2022
Labor	\$93.1
Purchased Services	\$34.5
General & Administration	\$10.5
Operating Materials and Equipment	\$7.7
Information Technology	\$6.0
Risk	\$3.0
Transportation	\$2.2
Total	\$156.9

- Operations and maintenance (O&M) expense includes both labor and operating expenses, net of labor to capital.
- Total 2022 O&M of \$156.9M can be reviewed programmatically in three categories.



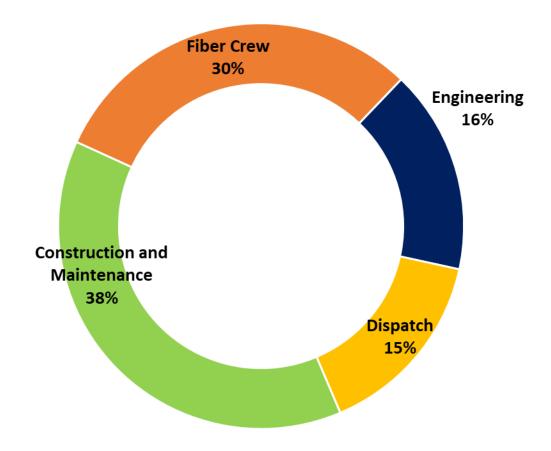
#### **2022 Power Production O&M**



CostType	2022
Labor	\$32.1
Purchased Services	\$15.5
General & Administration	\$6.2
Operating Materials and Equipment	\$2.6
Information Technology	\$0.1
Risk	\$0.0
Transportation	\$0.1
Total	\$56.6



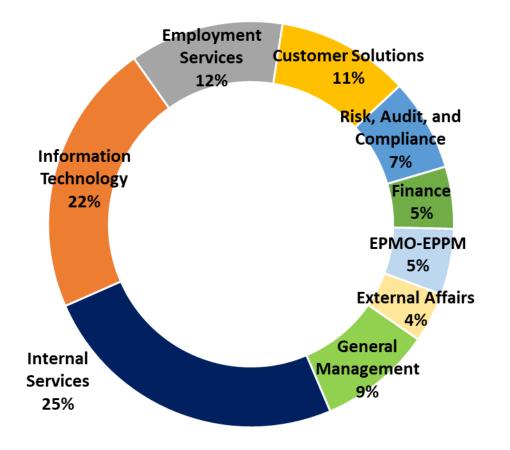
### 2022 Power Delivery O&M



CostType	2022
Labor	\$26.6
Purchased Services	\$3.5
General & Administration	\$0.5
Operating Materials and Equipment	\$3.7
Information Technology	\$0.1
Risk	\$0.0
Transportation	\$0.0
Total	\$34.3



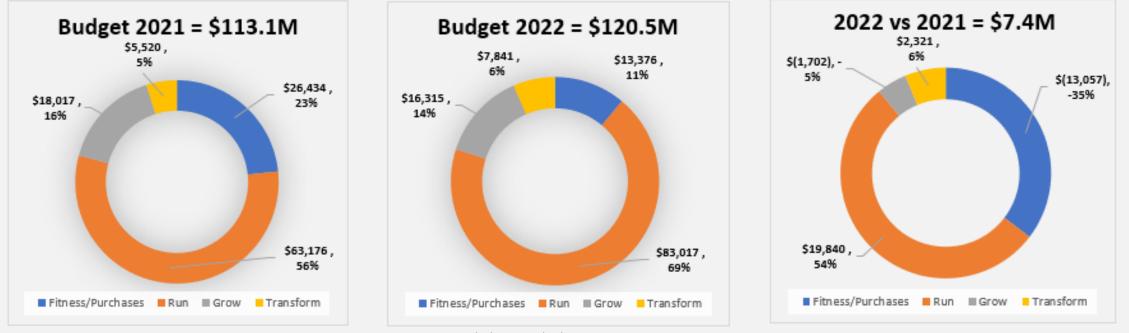
#### 2022 Administrative & General O&M



CostType	2022
Labor	\$34.5
Purchased Services	\$15.6
General & Administration	\$3.8
Operating Materials and Equipment	\$1.4
Information Technology	\$5.8
Risk	\$3.0
Transportation	\$2.0
Total	\$66.1



### **2022 Consolidated Capital Plan**



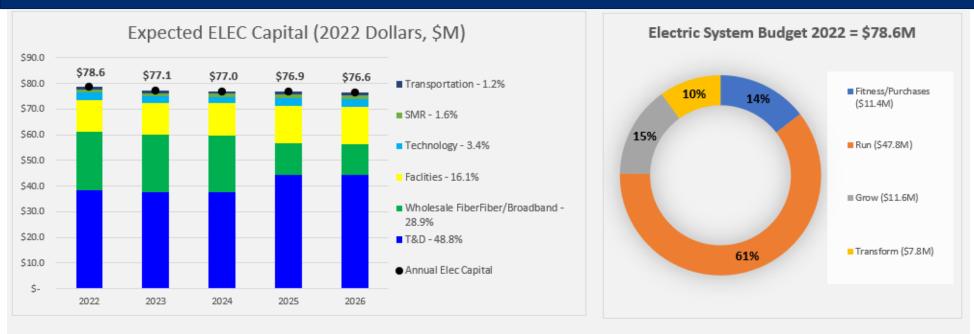
#### \$121 Million in 2022

Note: Costs exclude Internal Labor

- RUN + Fitness/Purchases (Operate & Maintain): Power Production = \$31.0M (32%), Power Delivery = \$28.8M (30%), IS/Facilities = \$16.1M (17%), Enterprise Technology = \$1.7M (3%), Fiber/Other = \$18.7M (19%)
- GROW (Enhance & Expand): Power Production = \$4.5M (28%), Power Delivery = \$4.8M (30%), IS/Facilities = \$2.6M (16%), Enterprise Technology = \$0.3M (2%), Fiber/Other = \$4.0 (24%)
- TRANSFORM (Innovate & Drive): Power Production = \$1.3M (16%), Power Delivery = \$6.5M (83%), IS/Facilities = \$0 (0%), Enterprise Technology = \$0 (0%), Fiber/Other = \$0 (0%)
   Grant County PUBLIC UTILITY

DISTRICT

### **2022 Electric System Capital Plan**



Electric System Capi	tal Plan Characteristics
Concentration of Projects %	Notable Forecasted Projects
In 2022, 10 modes to represent 170% of superstand superiod of \$70M	1- QTEP WAN MT View 230kV Line: 2022-2026 = \$33.6M
- In 2022, 10 projects represent +70% of expected spend of \$79M.	2- QTEP Monument Hill: 2022-2026 = \$15.6M
	3- Distribution Feeder Lines: 2022-2026 = \$13.6M
Even 2022 2026 the "Netchie" E prejects represent 22% of evented	4- QTEP Segment COL RF LAR 230 kV: 2022-2026 = \$12.7M
- From 2022-2026, the "Notable" 5 projects represent 22% of expected	5- Customer Line Extensions: 2022-2026 = \$10.5M
spend of \$386M.	DB2: 2022-2026 = \$18.8M [Project Dollars = \$34.0M]
	QTEP: 2022-2026 = \$77.3M [Project Dollars = \$111.4M]
	LPS: 2022-2026 = \$5.8M [Project Dollars = \$37.3M]
	IQ: 2022-2026 = \$13.9M [Project Dollars = \$69.7M]

#### **Fiber System**

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• Included in the Electric system capital plan

#### **Fiber Expansion Project**

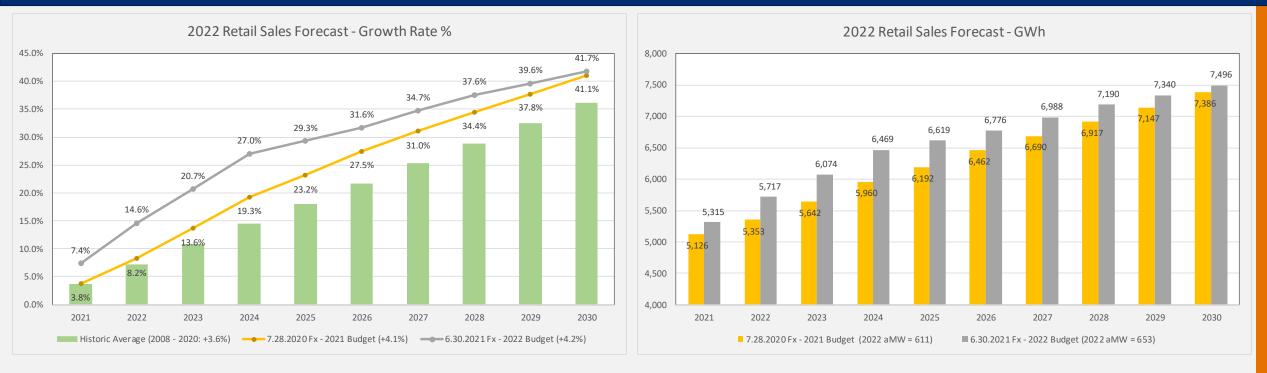
2022-2024 = +\$40.0M
 Broadband Customer Connects
 2022-2026 = +\$25.4M

#### **Electric System Expansion**

- Retail growth is significant in Grant County
- To meet this growth, there are:
  - 2 large system expansions: Design Build 2 (DB2) and the Quincy Transmission Expansion Project (QTEP), and
  - 2 customer engagement functions, Large Power Solutions (LPS) and Transmission Interconnections (IQ)



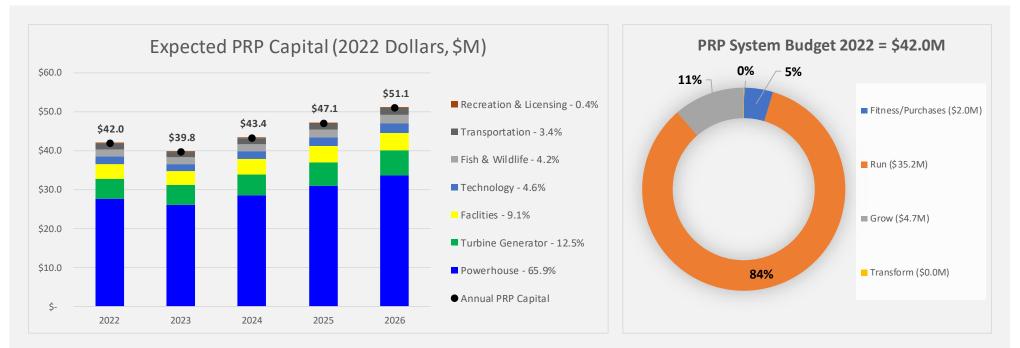
### 2022 Electric System Capital Plan – Load Growth



- Forecast over Forecast, for the current year through 2030, load growth rates increase by 0.8%
  - The 2022 growth outpaces the previous forecast by 6.4%
  - By 2030 growth rates nearly intercept at ~+40%
    - 2022 Fx = 4.2% annual growth vs 2021 Fx = 4.1% annual growth
- Expected load growth continues to outpace the historical rate of 3.6%
  - The increasing growth rate is associated with new large customers



### 2022 Priest Rapids System Capital Plan



	Priest Rapids Project System Capital Plan Characteristics						
	Concentration of Projects %	Notable Forecasted Projects					
- F	In 2022, 5 projects represent +90% of expected spend of \$42M. From 2022-2026, the "Notable" 5 projects represent 70% of xpected spend of \$223M.	<ol> <li>PR Turbine Upgrade: 2022-2026 = \$76.2M</li> <li>PR Embankment Improvements: 2022-2026 = \$51.9M</li> <li>PR Generator Rewind: 2022-2026 = \$16.9M</li> <li>PRP Station &amp; Substation Replace: 2022-2026 = \$6.3M</li> <li>Carlton Accl Facility Wells: 2022-2026 = \$2.9M</li> </ol>					

#### Capital allocation between systems

- For most of the recent history, the PRP system has dominated the allocation of capital work.
- This will be reversed for the foreseeable future.

#### Performance since Q1 2020

- The combination of high project concentration and pandemic's supply-chain impacts have been a drag on project delivery.
- Both the PR Turbine & Generator and the PR Embankment work was delayed in 2020



### **Expense Offsets for 2022 Budget**

- 1. Contributions in Aid of Construction......(\$8.3M) (Money paid by customers to build infrastructure)
- 2. Sales to Power Purchasers at Cost......(\$22.3M) (As required by our Federal License)
- 3. Net Power (expenses minus revenue)......(\$81.5M) (Net of market power purchases and sells)
- 4. Conservation Loans......(\$0.1M) (Money paid back from low-interest conservation loans to customers)
- 5. Total Offsets ......(\$112.3M)
- 6. Total Expenses after Offsets......\$285.3M



#### Preliminary Budget Summary – Total Expenditures

Exhibit A - Summary of Budget Items	Budget	Forecast					$\longrightarrow$
\$'s in thousands	2021	2021	2022	2023	2024	2025	2026
TOTAL 0&M	143,552	154,585	156,871	162,184	167,123	171,905	178,225
TAXES	18,098	19,318	19,531	20,032	20,832	21,224	21,619
ELECTRIC CAPITAL	73,676	88,177	90,096	89,174	89,363	89,794	89,89
PRP CAPITAL	69,657	51,380	55,348	53,604	57,536	61,625	65,93
DEBT SERVICE (net of rebates)	75,574	74,458	75,689	72,423	74,202	77,357	81,453
TOTAL EXPENDITURES	380,556	387,918	397,535	397,417	409,056	421,905	437,12
Expenditure offsets for deduction							
Contributions in Aid of Construction	(6,478)	(8,918)	(8,295)	(9,480)	(7,910)	(7,128)	(7,133
Sales to Power Purchasers at Cost	(17,777)	(23,157)	(22,308)	(14,002)	(14,162)	(14,336)	(14,952
Net Power (+ Expense, - Revenue)	(77,757)	(86,327)	(81,533)	(80,332)	(73,269)	(59,269)	(51,277
Conservation Loans	(125)	(125)	(125)	(125)	(125)	(125)	(125
TOTAL EXPENDITURE OFFSETS	(102,137)	(118,527)	(112,261)	(103,939)	(95,466)	(80,858)	(73,487
TOTAL BUDGETED EXPENDITURES	278,419	269,391	285,274	293,478	313,590	341,048	363,634



#### Preliminary Budget Summary – **Net Position**

	Exhibit B - \$'s in thousands		Budget	Forecast					<b>→</b>
	CONSOLIDATED OPERATIONAL PERFORMANCE		2021	2021	2022	2023	2024	2025	2026
	Sales to Power Purchasers at Cost		17,777	23,157	22,308	14,002	14,162	14,336	14,952
	Retail Energy Sales **		211,798	227,289	236,077	249,014	261,286	267,251	273,092
**Annual Rate	Net Power (Net Wholesale+Other Power	Revenue)	77,757	86,327	81,533	80,332	73,269	59,269	51,277
Adjustments	Fiber Optic Network Sales		10,400	10,950	11,150	11,350	11,550	11,750	11,950
set at 0.1%	Other Revenues		1,453	1,057	2,354	2,354	2,354	2,354	2,354
beginning 2022	Operating Expenses		(143,552)	(154,585)	(156,871)	(162,184)	(167,123)	(171,905)	(178,225)
	Taxes		(18,098)	(19,318)	(19,531)	(20,032)	(20,832)	(21,224)	(21,619)
	Net Operating Income(Loss) Before Depreciation		157,535	174,877	177,021	174,836	174,666	161,831	153,781
	Depreciation and amortization		(76,092)	(75,857)	(75,086)	(77,259)	(79,705)	(82,551)	(86,454)
	Net Operating Income (Loss)		81,443	99,020	101,935	97,577	94,961	79,280	67,326
	Other Revenues (Expenses)								
	Interest, debt and other income		(40,239)	(38,721)	(34,019)	(33,640)	(31,900)	(31,518)	(33,512)
	CIAC		6,478	8,918	8,295	9,480	7,910	7,128	7,133
	Change in Net Position		47,682	69,216	76,211	73,417	70,971	54,890	40,948



### Preliminary Budget Summary – Key Metrics

	Budget	Forecast					<b></b>
Target	2021	2021	2022	2023	2024	2025	2026
NET INCOME	47,682	69,216	76,211	73,417	70,971	54,890	40,948
LIQUIDITY (measured at year end)							
Elect System Liquidity (Rev + R&C) \$105 MM	109,858	112,593	114,503	116,886	119,870	123,460	127,161
Excess Liquidity	102,660	48,923	25,459	387	149	179	207
Days Cash On Hand >250	412	324	344	284	280	280	278
LEVERAGE							
Consolidated DSC >1.8x	2.10	2.37	2.40	2.36	2.44	2.23	2.05
Consolidated Debt/Plant Ratio ≤ 60%	52%	49.8%	46.9%	45.0%	44.4%	44.6%	45%
PROFITABILITY							
Consolidated Return on Net Assets >4%	2.0%	3.0%	3.2%	3.0%	2.9%	2.2%	1.6%
Retail Operating Ratio ≤ 100%	116%	111%	108%	108%	106%	107%	109%



# 04

#### **Appendix A - Scenarios**

Events that could have a significant impact on budget

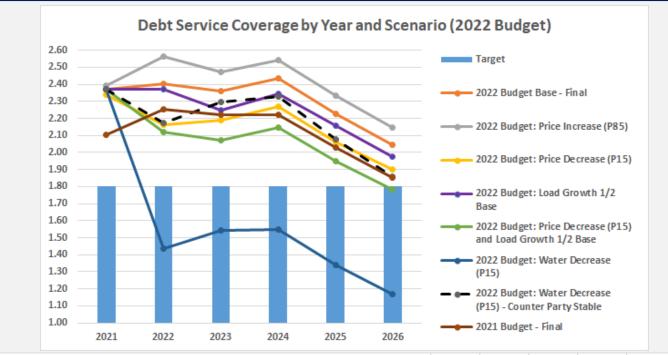
### **Operational Scenario Descriptions**

6 Scenarios – provide metrics impact for movement in volatile parts of Grant PUD operations

- Scenarios that provide insight on Grant PUD's exposure to wholesale prices, that is selling and buying from the market when Grant's resources don't match load needs.
  - High wholesale prices (P85, prices only higher 15% of time)
  - Low wholesales prices (P15, prices only lower 15% of time)
- Scenarios that show how Grant PUD's financial metrics respond when load growth (electricity sales to retail customers) slows down from expected growth.
  - Low load growth at 1/2 growth rate of base forecast
  - Low load growth (<sup>1</sup>/<sub>2</sub> Base) combined with low wholesale prices (P15)
- Scenarios that provide the impact of changing water conditions on the Columbia River
  - Low water (P15, water flow at dams only lower 15% of the time) Isolated
  - Low water and Counter Party Stable



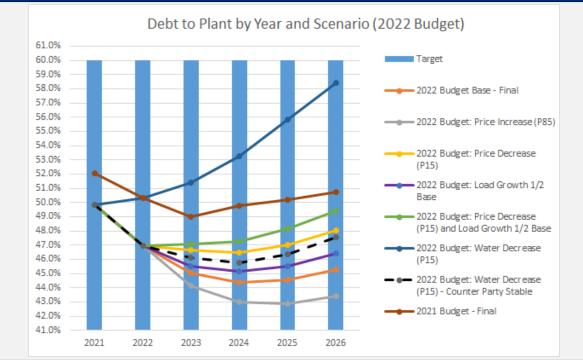
#### Operational Scenarios – Comparison to Base Budget



Debt Service Coverage (DSC)	2021	2022	2023	2024	2025	2026
Target	1.80	1.80	1.80	1.80	1.80	1.80
2022 Budget Base - Final	2.37	2.40	2.36	2.44	2.23	2.05
2022 Budget: Price Increase (P85)	2.39	2.56	2.47	2.54	2.33	2.15
2022 Budget: Price Decrease (P15)	2.34	2.16	2.19	2.27	2.06	1.90
2022 Budget: Load Growth 1/2 Base	2.37	2.37	2.25	2.34	2.16	1.97
2022 Budget: Price Decrease (P15) and Load Growth 1/2 Base	2.37	2.12	2.07	2.15	1.95	1.78
2022 Budget: Water Decrease (P15)	2.37	1.43	1.54	1.55	1.34	1.17
2022 Budget: Water Decrease (P15) - Counter Party Stable	2.37	2.17	2.30	2.33	2.08	1.86
2021 Budget - Final	2.10	2.25	2.22	2.22	2.03	1.86



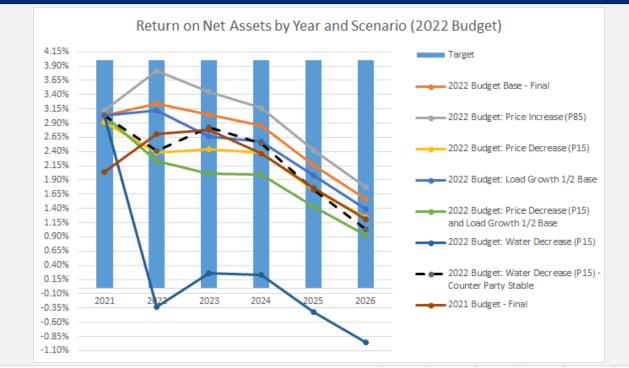
### Operational Scenarios – Comparison to Base Budget



Debt to Net Plant	2021	2022	2023	2024	2025	2026
Target	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
2022 Budget Base - Final	49.8%	46.9%	45.0%	44.4%	44.6%	45.3%
2022 Budget: Price Increase (P85)	49.8%	46.9%	44.1%	43.0%	42.9%	43.4%
2022 Budget: Price Decrease (P15)	49.8%	46.9%	46.6%	46.5%	47.0%	48.0%
2022 Budget: Load Growth 1/2 Base	49.8%	46.9%	45.5%	45.2%	45.5%	46.4%
2022 Budget: Price Decrease (P15) and Load Growth 1/2 Base	49.8%	46.9%	47.1%	47.3%	48.1%	49.4%
2022 Budget: Water Decrease (P15)	49.8%	50.3%	51.4%	53.3%	55.8%	58.4%
2022 Budget: Water Decrease (P15) - Counter Party Stable	49.8%	46.9%	46.1%	45.7%	46.3%	47.6%
2021 Budget - Final	52.0%	50.3%	49.0%	49.8%	50.2%	50.7%



#### **Operational Scenarios – Comparison to Base Budget**

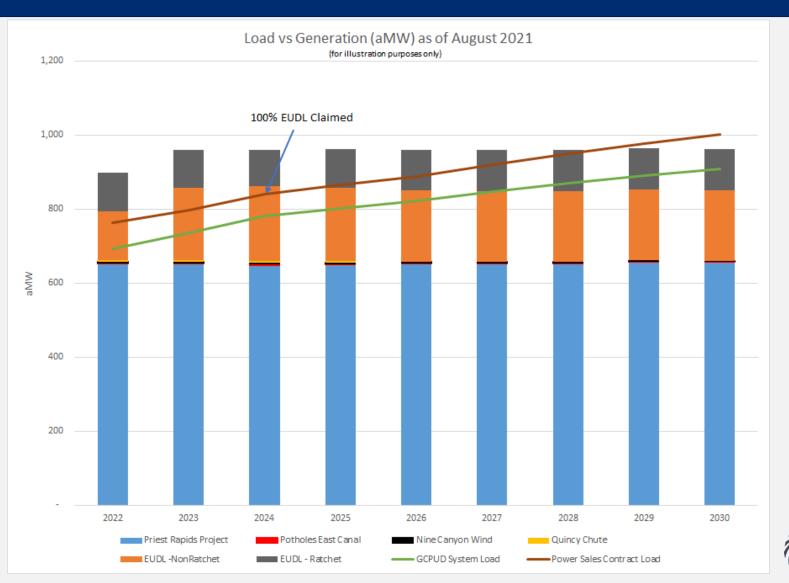


Return on Net Assets (RONA)	2021	2022	2023	2024	2025	2026
Target	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
2022 Budget Base - Final	3.04%	3.25%	3.04%	2.86%	2.15%	1.56%
2022 Budget: Price Increase (P85)	3.12%	3.82%	3.45%	3.17%	2.42%	1.77%
2022 Budget: Price Decrease (P15)	2.92%	2.38%	2.44%	2.38%	1.73%	1.24%
2022 Budget: Load Growth 1/2 Base	3.04%	3.13%	2.66%	2.58%	1.98%	1.39%
2022 Budget: Price Decrease (P15) and Load Growth 1/2 Base	3.04%	2.23%	2.02%	2.00%	1.43%	0.92%
2022 Budget: Water Decrease (P15)	3.04%	<b>-0.34</b> %	0.26%	0.23%	-0.42%	- <b>0.96</b> %
2022 Budget: Water Decrease (P15) - Counter Party Stable	3.04%	2.41%	2.83%	2.54%	1.73%	1.03%
2021 Budget - Final	<b>2.0</b> 4%	2.70%	2.78%	2.37%	1.76%	1.21%



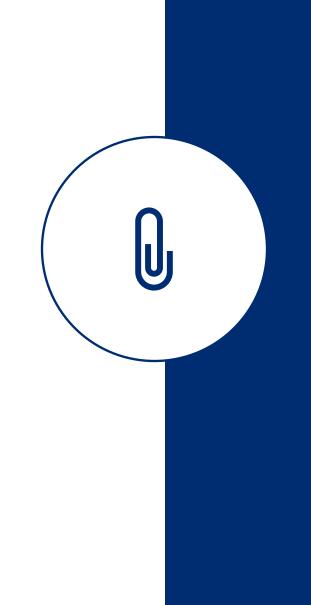
#### **Operational Scenarios** – Priest Rapids Remaining Availability Load Growth

- Grant's total rights (physical and financial) to the project are exhausted in 2024
- Grant County retail customers' loads won't surpass expected project capabilities until after 2030

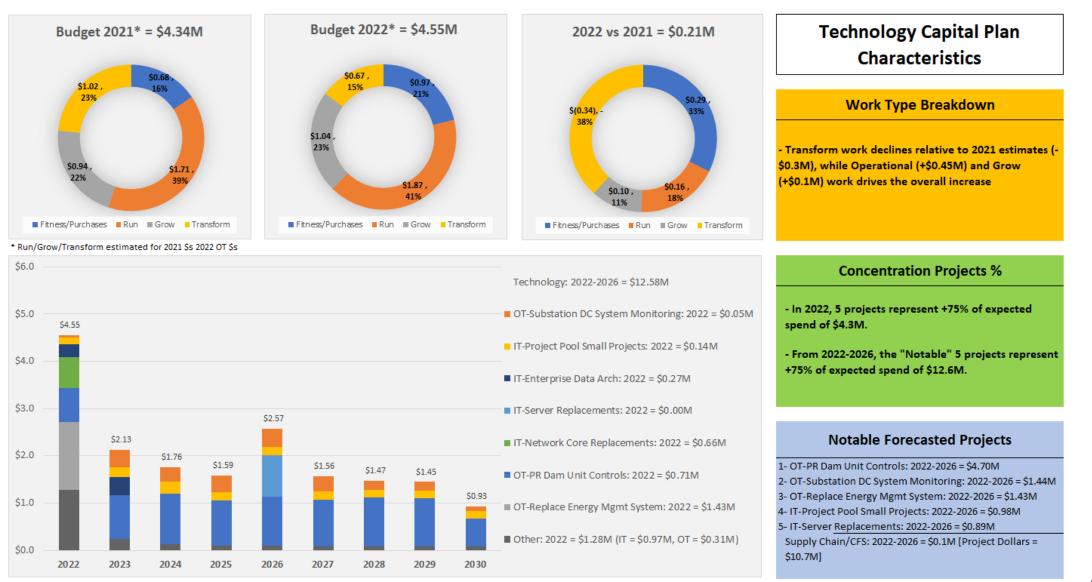


ant County U**BLIC UTILIT** 

### 04 Appendix B – Capital Plan Details

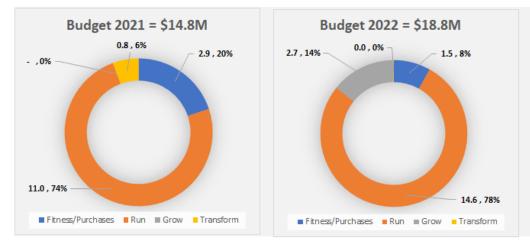


#### 2022 Capital Plan – Technology

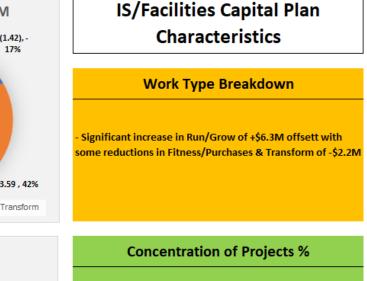




#### 2022 Capital Plan – Internal-Services/Facilities





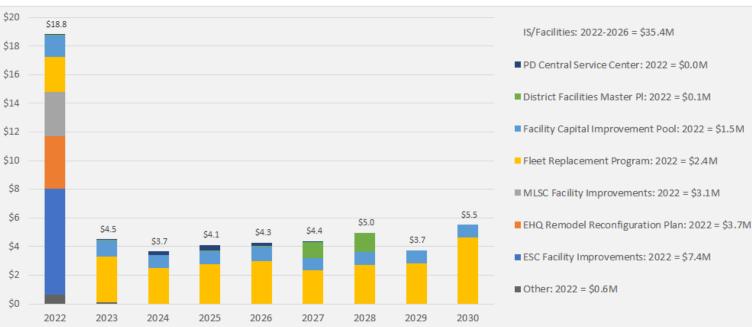


- In 2022, 3 projects represent +70% of expected spend of \$19M.

- From 2022-2026, the "Notable" 5 projects represent +80% of expected spend of \$100M.

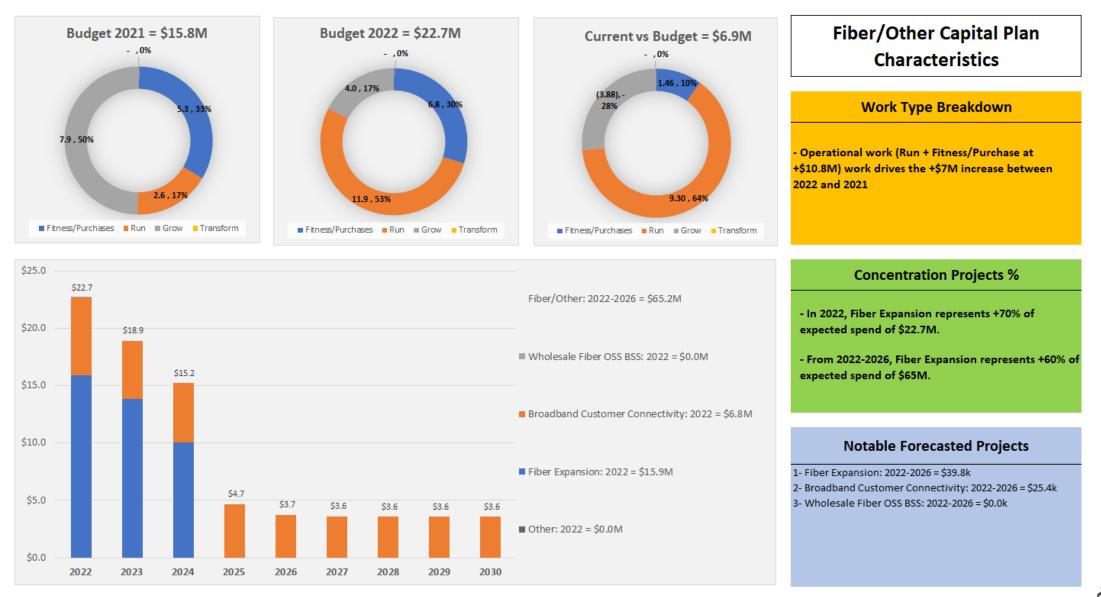
#### **Notable Forecasted Projects**

Fleet Replacement Program: 2022-2026 = \$13.9M
 ESC Facility Improvements: 2022-2026 = \$7.4M
 Facility Capital Improvement Pool: 2022-2026 = \$5.4M
 EHQ Remodel Reconfiguration Plan: 2022-2026 = \$3.7M
 MLSC Facility Improvements: 2022-2026 = \$3.1M
 MLSC: 2022-2026 = \$3.1M [Project Dollars = \$5.5M]
 ESC: 2022-2026 = \$3.7M [Project Dollars = \$14.5M]
 EHQ: 2022-2026 = \$3.7M [Project Dollars = \$5.8M]
 PD: 2022-2026 = \$0.9M [Project Dollars = \$112.0M]





#### 2022 Capital Plan – Fiber / Other







Powering our way of life.

# **State of Security**

Q3 2021 Review



Powering our way of life.

### Details of Q3 Security Review

- Security Contract
- Incidents
- Seasonal Security
- Security Risk Assessment
- Quarterly Business Review
- Genetec Project Status

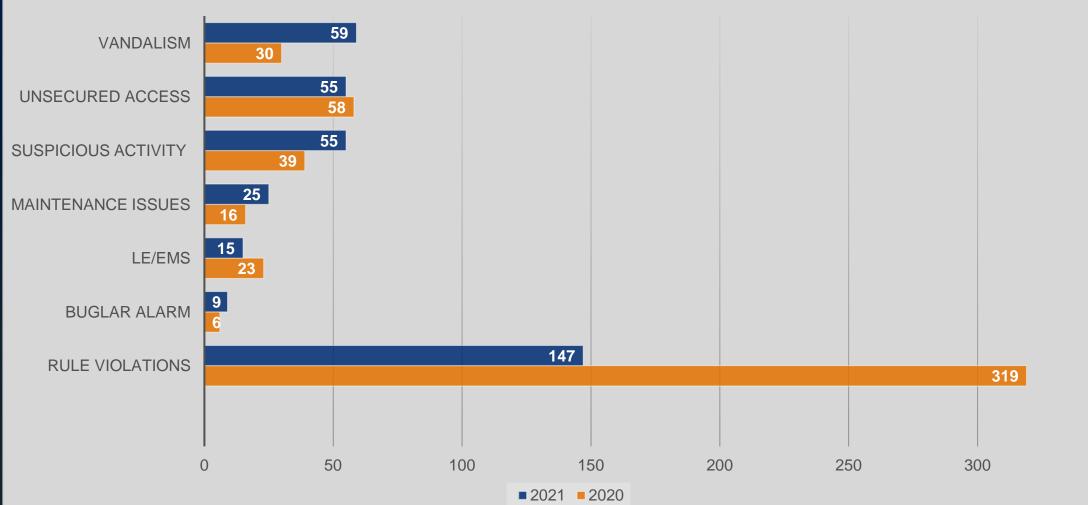




#### Star Protection Agency

- Added Grant PUD vehicle decal on all vehicles
- Q3 Highlights:
  - Staffing Changes- New Account Manager, Troy Donahue.
  - An abundance of applications leads to a very small list of interviews.
- <u>Training:</u>
  - All staff were formally training in the following:
    - De-escalation
    - Driver Safety
- In progress:
  - Post Orders
  - Training
  - Safety Procedures

#### Year-to-Date Reportable Incidents



350

#### 2021 vs. 2020 Year-to-Date Reportable Incidents

#### <u>Seasonal</u> <u>Recreation</u> <u>Security</u>

An assessment was conducted and we determined the need to increase our security presence and measures at the recreation sites for the 2021 season.

In addition to Grant PUD Security team, we have added our security contractor and dedicated hours with the Grant County Sheriff's Office.

As of now we are reaching record high numbers for camping reservations and seeing an increase of activity at all our recreation sites.



**SECURITY** 







# Vantage Boat Launch



# **Crescent Bar**

## Rattlesnake Cove 2021

## Rattlesnake Cove 2018





# Physical Security Risk Assessment



### **SCOPE OF SERVICE**

Discovery – Assessment – Findings/Ratings/Recommendations for Improvement – A Written Contingency & Mitigation Plan – Risk Policies –Defined Controls -- Delivered in Formal Review with Leadership

**Project Milestones** 

Pre-Site Visit Data Collection
 On-Site Assessments
 Completion Date: 2/23/21
 Data Review and Analysis
 Completion Date: 3/5/21
 Final Reports and Presentation
 Completion Date: 3/12/21

5th Milestone- Risk Criticality and Consequence7/30/216th Milestone- Short and Long-Term Mitigation Roadmap12/31/2021

# Security QBR by Department v4 Aug2021

View in Power Bl 🦯

Last data refresh: 9/9/2021 3:49:39 PM UTC

Downloaded at: 9/9/2021 4:46:13 PM UTC

## Budget Versus Actuals



### Capital Labor & Net Actuals YTD Vs. Year-End-Projections







Cost Category Type/Cost Category	Budgeted	Actuals	Budget Var	Budget Var %	Consumed %
📄 Purchased Services	\$993,369	\$985,964	-\$7,405	-0.7%	99.3%
🖂 Labor	\$729,894	\$622,940	-\$106,954	-14.7%	85.3%
Salaries & Wages	\$448,675	\$396,603	-\$52,072	-11.6%	88,4%
Benefits	\$264,429	\$222,830	-\$41,599	-15.7%	84.3%
Overtime	\$12,000				
Other Labor	\$4,790	\$3,507	-\$1,283	-26.8%	73.2%
🖂 Operating Materials & Equipment	\$75,335	\$29,690	-\$45,644	-60.6%	39.4%
🗉 G&A	\$5,600	\$2,345	-\$3,255	-58.1%	41.9%
🗉 Utilities	\$1,200				
∃ IT		\$115			
Total	\$1,805,398	\$1,641,054	-\$164,344	-9.1%	90.9%

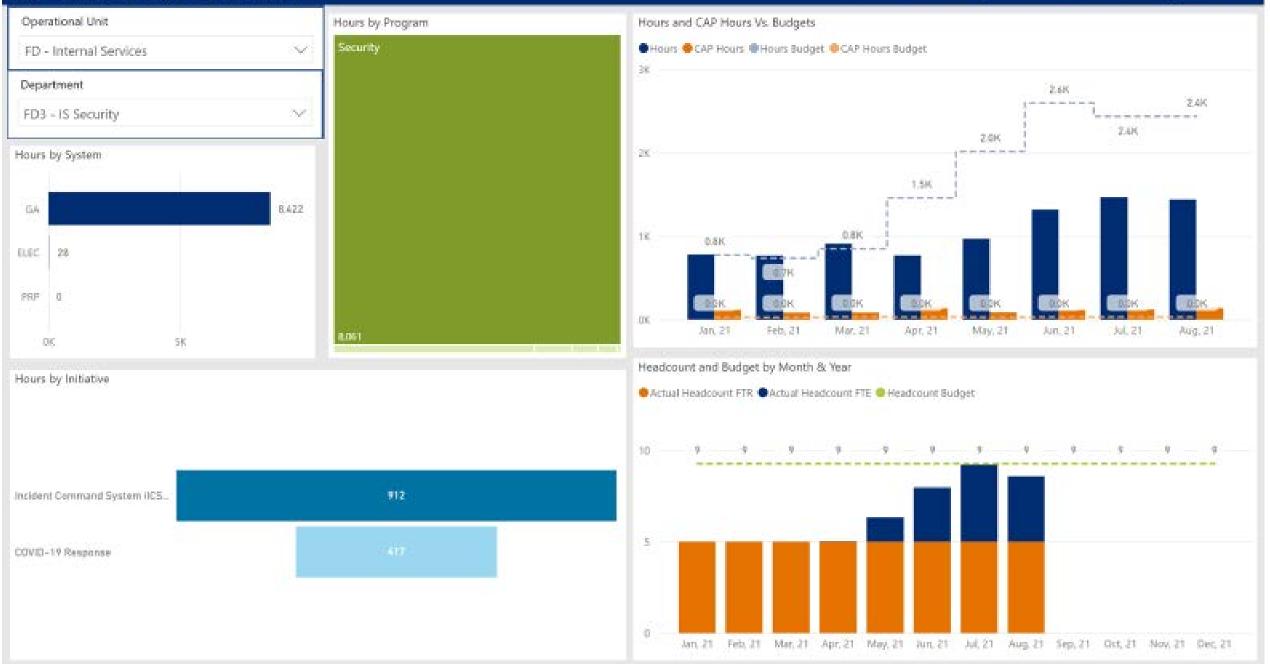
#### - Capital Labor is a subset of the Labor above

#### - Net Actuals vs Budget = Gross Actuals minus Capital Labor

### FD3 - IS Security QBR Year-to-Date August, 2021

## 🕞 🔤 🛛 Employee Activity

### FD3 - IS Security QBR Year-to-Date August, 2021



## Capital Budget Versus Actuals

## FD3 - IS Security QBR Year-to-Date July 31, 2021

Initiative	ID Name		CY Scope	CY S	Schedule	CY Pric	ice	CY Variance		TP Scope	Т	'P Schedule	P Price	TP Varia	iance
IN036	Physical Access System Control Modernization.xlsm			927 🔺	\$77,891 (	0	\$0		9,818 🔺	\$77,891	<b>A</b>	\$51,927	\$0		\$129,818
Total			\$51,93	27	\$77,891		\$0	\$129	818	\$77,891		\$51,927	\$0	1	\$129,818
Project P	Phase	Project Ty	уре		YTL	D Actuals	s								
		١													
		۱ ۱													
		1		V		\$44.54K	teren								
	- 6 Execution		- Project	t	\$0K		\$556K								
Initiative I	D Name		CY Approved	CY Actuals	BOY Fx	CY YEP	$\neg$								
			Spend												
IN036	Physical Access System Control Modernization.xlsm	\$0		\$44,541.81											
Total		\$0	\$556,224	\$44,541.81	\$641,500	0 \$686,041	1.81								

# **Genetec Project Update**

Year	Milestones/Deployment	Target Dates	Actual Date	Notes			
	Coulee City	Dec-18	1/11/19	Site is 100% complete including CO.			
	Royal City	February 4 – 8, 2019	2/22/19	Site is 100% complete. CO Warehouse CR install on punch list scheduled to complete 9/8 week.			
	Ephrata Annex	March 4 - 8, 2019	3/8/19	100% complete.			
	Quincy Local Office	March 18 – 22, 2019	3/22/19	100% complete.			
2019	Moses Lake Local Office	April 8 – 12, 2019	4/26/19	100% complete.			
	Wanapum Maintenance Center	April 15 – May 2019	6/14/19	100% complete.			
	Moses Lake Service Center Jul-19 10		10/11/19	100% complete.			
	НОВ	June 10 – 21, 2019	7/12/19	100% complete.			
	Heritage Center	Aug-19	11/12/19	Original scope is 100% complete. Change order scope scheduled 8/			
	Ephrata Service Center	ata Service Center Jul-19 5/22/20		Original scope is 100% complete.			
	Ephrata HQ	Oct-19	July 2020.	100% complete.			
2020	Quincy Chute	Nov. 2019	Sep-20	100% complete.			
2020	Potholes East Canal	Nov. 2019	Sep-20	100% complete.			
	Wanapum Switchyard (WSY)	Sep-20	Nov-20	All access controls & gate complete. (3) Cameras replacement must wait until WD Control Center is completed.			
	Priest Rapids Maint Buildings	Dec-20	Feb-2021	Site installation delayed due to sequestration and pursuant resource constraint.			
	CIP PACS Compliance Policies & Procedure	<del>1/1/2021</del> -Oct-2021	9/29/2021	CIP PACs Policies and Procedure audit/certification by GDS completed in August. Team is resolving punch list required for Dispatch go-live on week of 10/4.			
	Ephrata Dispatch	<del>Dec. 2021</del> -Oct -2021	10/6/2021	Cross functional team is resolving punch list required for Dispatch go-live.			
2021	MLSC Dispatch	<del>Dec.2021</del> -Aug-2021	10/4/2021	Cross functional team is resolving punch list required for Dispatch go-live.			
	Wanapum Dam	Mar 2021 Jun-2021	Jun-21	Existing cameras can be viewed in Genetec. New camera installation is in progress.			
	Priest Rapids Dam	<del>Mar 2021</del> -Aug-2021	Aug-21	All access controls installation completed. Existing cameras can be viewed in Genetec. New cameras will be installed by Electronic Technicians following completion of WD camera install.			
	Project close	<del>Jun 2021</del> Oct-2021		NOTE: This project is heavily dependent on hardware equipment for security, doors, latches, cables, and Network devices. COVID related delays will affect the timeline. To mitigate the			

#### Accomplishments:

- Priest Rapids Dam installation completed.
- WSY CIP-14 Thermal/IR camera installation complete. Analytics need to be programmed.
- CIP PACS policies and procedure audit completed by GDS and Risk & Compliance department. Punch list created and IT cross functional teams prioritized tasks required for CIP PACS golive. 90% of tasks are complete. Remaining tasks will be completed by 9/15 for GDS review/approval.
- MLBDC & EDC infrastructure are ready for Go-live effective week of 10/4.
- WHC additional camera installation in change order completed effective week of 9/1 – 9/7.

#### Planned activities:

#### Original scope

- Replace existing dam and interior cameras at WD and PRD. These tasks may continue beyond project close as ADT resources will not be required to replace the cameras. The camera orders delayed due to national/global supply chain issues. Electronics Techs will perform all physical installation and configuration and operation in Genetec will be supported by Security team.
- Migrate EDC and MLBDC pending CIP PACS Policies and Procedure certification. 10/4 – 10/7.
- Rollout new HID cards.
- Project close 10/15 10/28.



## Powering our way of life.



# **Quarterly Business Report**

September 2021 Leadership & Organizational Development



- 1. Organizational Linkage
- 2. Performance Indicators
- 3. Progress Toward Objectives
- 4. The Year Ahead



# 01 Organizational Linkage Aligning the work of the team with the needs of the organization

# Organizational Objective 2

## **OBJECTIVE 2**

#### DESIGN AND SUSTAIN AN ENGAGING & FULFILLING GRANT PUD CULTURE

Workplace culture is the infrastructure that guides how we function. Business outcomes, such as safety, compliance, financial results, and operational excellence, all hinge on a healthy workplace culture that supports people. We continuously design our culture so every role has purpose and every employee has value. We make meaningful investments in our workforce. We encourage transparent and authentic communication, and engage our teammates with respect and empathy.

### STRATEGIES

- Recruit, develop and retain a best-inclass workforce
- Translate organizational values into actionable behaviors
- Deliver a rigorous onboarding experience
- Sponsor a vibrant employee association
- Establish a deliberate, continuous learning strategy aligned to business outcomes
- Implement the ADDIE instructional systems design framework for training
- Articulate and reinforce our desired leadership culture
- Deliver industry-leading educational reimbursement programs

## **KEY METRICS**

- Organizational Health Index
- Employee Engagement Assessment
- Educational ReimbursementTarget
- Training Effectiveness Assessment

## **Organizational Objectives**

## Department Objectives

## Individual Objectives

# **Department Objectives**





To reinforce a people-centric culture where employees acknowledge problems, focus on possibilities and share responsibility for their growth.



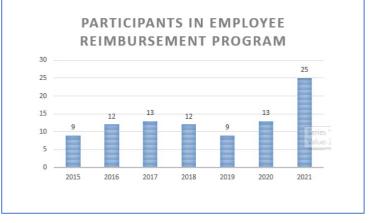
NoiseWe exist to support<br/>organizational health by<br/>creating clarity around how<br/>we lead, train and treat<br/>people at Grant PUD.



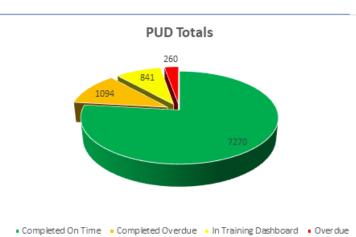


# 02 Performance Indicators Making good on our commitments

# Active Education Reimbursement

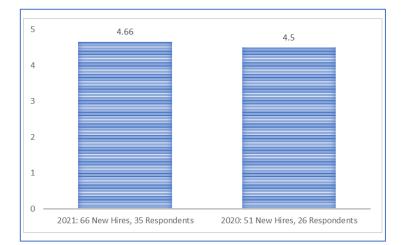


# **Training Completion**

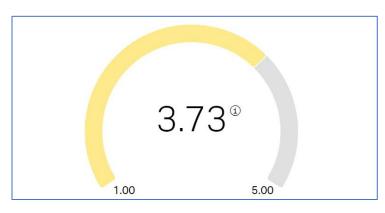


As of August 24, 2021

# Orientation Satisfaction



Q12, Engagement



Online Training Satisfaction



YTD responses: 1,819

Live Training Satisfaction  $\bigstar \bigstar \bigstar \bigstar$ 

As of 2020

As of August 30, 2021

As of August 30, 2021

## C&M Budget Versus Actuals

 $\checkmark$ 

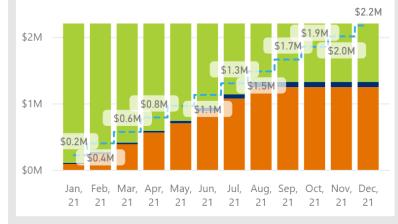


DH - Organizational Development

O&M Budget vs Actuals (Including Cap Labor)

Capital Labor & Net Actuals YTD Vs. Year-End-Projections

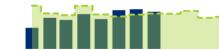
● Net Actuals ● Capital Labor ● YEP Remaining ● Budget YTD



Cost Category Type/Cost Category	Budgeted	Actuals	Budget Var	Budget Var %	Consumed %
📃 Labor	\$849,648	\$845,133	-\$4,515	-0.5%	<b>99.5</b> %
Salaries & Wages	\$542,398	\$545,805	\$3,407	0.6%	100.6%
Benefits	\$302,955	\$296,006	-\$6,949	-2.3%	97.7%
Other Labor	\$4,296	\$3,323	-\$973	-22.7%	77.3%
+ Purchased Services	\$556,900	\$378,728	-\$178,172	-32.0%	68.0%
+ Operating Materials & Equipment	\$53,200	\$39,041	-\$14,159	-26.6%	73.4%
+ G&A	\$21,300	\$57,313	\$36,013	<b>169.1</b> %	269.1%
+ IT		\$3,594			
Total	\$1,481,048	\$1,323,809	-\$157,239	<b>-10.6</b> %	89.4%

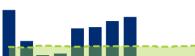
#### Gross Actuals Vs. Budget

\$1.3M -10.6%



Capital Labor Actuals Vs. Budget

\$78.6K +139.1%



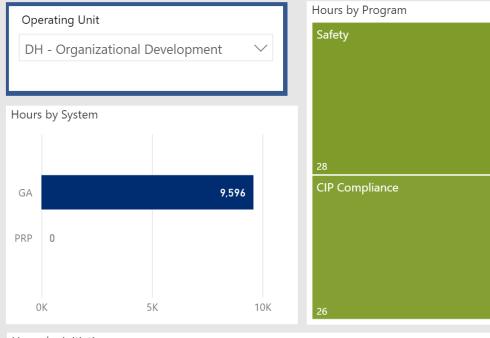
Net Actuals Vs. Budget

\$1.2M -14.0%



## Employee Activity

#### DH - Organizational Development QBR Year-to-Date August, 2021





Hours and CAP Hours Vs. Budgets

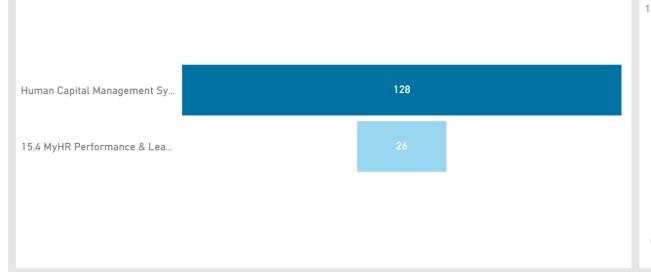
● Hours ● CAP Hours ● Hours Budget ● CAP Hours Budget

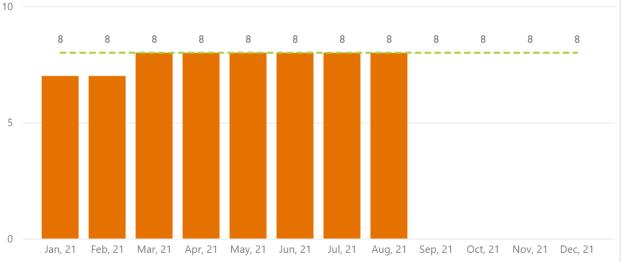


#### Hours by Initiative

#### Headcount and Budget by Month & Year







# 03 Progress Toward Objectives Making good on our commitments

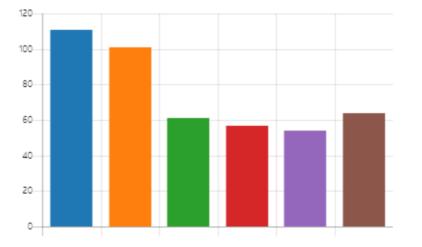
# Employee Interest Survey

1. Which of the following events would you be most likely to participate in: (mark all that apply)



4. Please mark all the Community Outreach activities you would be interested in: <u>More Details</u>





# Activities in 2020

- 30 Grant PUD employees made 500 homemade masks, donated to co-workers.
- EA Dollar Drive raised \$3,345.10 for Grant County food banks COVID needs.
- EA helped get groceries or running errands for anyone experiencing COVID-19 symptoms.
- EA members reached out to the families of sequestered employees.
- EA hosted several Virtual Happy Hour Events.
- EA hiked to Clara and Marion Lakes
- EA took part in stand-up paddle boarding
- EA sponsored a pumpkin decorating contest 31 entries, 3 Prizes Adult \$50, Teen \$25, and Kiddo \$25
- EA hosted a virtual Cooking Class with Chef R.J. Harvey, 25 employees and their families participated
- EA promoted an employee "Snow fun" contest
- Grant PUD and EA partnered to raise \$2,046.52 for food banks/pantries in Grant County



# Employee Association

#### Mission

With compassion and kindness, we will promote and empower employees to express themselves, explore new experiences, and participate in meaningful service.

### Vision



To inspire a sense of connection, belonging, and purpose in our jobs as well as our community.

# Goals 2021

# Act



- Clubs
- Employee Events
- Community Outreach
- Co-worker Recognition

# Adapt

- Communicate/Awareness
- Meet Member Needs/Desires
- Head, Heart, Hands Wellness Events

# Advance

# ~~~

- Continuous Improvement
- Financial Stability
- Organizational Improvement

# **Activities 2021-2022**

- Summer family event Surf & Slide Park Moses
   Lake Summer 2022
- Family Movie Night Summer 2022
- Winter Celebrations Kid's Party and Adult Party – Virtual in 2021 and in person 2022
- Scholarship Awards Spring 2022
- Care Committee -Recognition of employees for life events, work events - Ongoing
- Welcoming of new employees during onboarding - Ongoing
- Seasonal Contests : Pumpkin Art, Winter Fun Photo and Hiking bingo – Ongoing
- Dollar Food Bank Drive & Fill the Bucket 2021
- Book Club Active

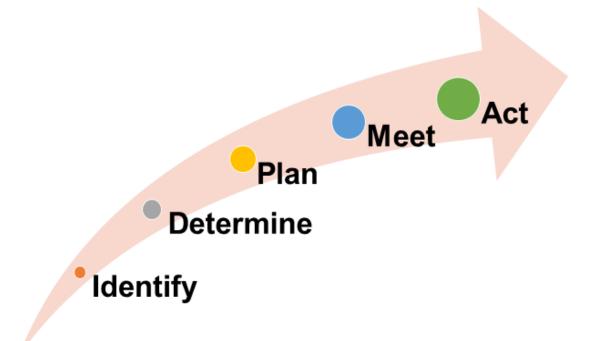


- Travel Club 2022
- Gardening Club Spring/Summer 2022
- Golf Club 2022
- Head, Heart & Hands Wellness Events Ongoing
- Ski Trips Winter 2021/2022
- Indoor Activities Board Games, Trivia, Cribbage, Bridge – Planning for In person
- Family Paint Nights Active on Teams
- Community Clean Ups Active
- 2021 October Day of Giving, Ephrata Clean Up -Active



# Individual Development Plan (IDP)

What's an IDP? A process the employee directs, in partnership with their manager, to enhance their own professional growth.



#### IDP EXAMPLE:

Name	Jane Smith	Date	1/23/19
What are	l sional Goals/Motivations (1-3) e my professional growth & career aspir. I think these aspirations can be best me		?
Thís coi		uld influence	, a more senior role, maybe in the next 3-5 years : decision-making and contribute to a better ganization.
	& Strengths to Recognize e my Talents & Strengths?		pment Opportunities owledge or skills do I need to enhance?
1.) Acco	unting knowledge	1.) ( nee	d more experience managing people.
2.) Abílí people	ity to explain finance info to non-fina	noe 2.) ( nee	d to learn how to effectively delegate.
з.) Stro	ng Analytics	3.) I nee busines	d better understanding of the organizational ; lines.
	led at presenting data visually in a cl pelling manner	ear	
What de	d IDP Objectives & Action Steps velopment goals do I have for the next of ecific actions can I take to achieve these		e next 5 years?
	ent @ 2 or 3 key financial meetings- e tunities at the start of each Quarter by		data or new process to senior leaders. Identify these :
	tpríl 30-create a plan to meet with 5 dí Work. I will then follow up with my M		nagers for 1 hour with the intent to learn more abou uss what I learned.
	icipate in the Fall Leading@Grant Ser here at Grant PUD.	íes wíth the ínt	ent to learn the fundamentals of what it means to
	-	íes wíth the ínt	ent to learn the fundamentals of what it means to
	-	íes wíth the ínt	ent to learn the fundamentals of what it means to

# Edu. Reimbursement – Target: 75% Completion

**Completion Rate:** 64% (Since 2016)

- Master Degrees Completed: 4
- Bachelor Degrees Completed: 2
- Certifications Completed: 1 (CDL)
- **Other:** 2 (Apprenticeship)

What: Reflects that employees complete what they set out to accomplish

Why: Gives indication of program effectiveness, barriers, organizational support

Phase 2 of this metric: % of program participants promoted following completion of program

# 04 The Year Ahead Q4 Commitments

# **Organizational Health Index Assessment**

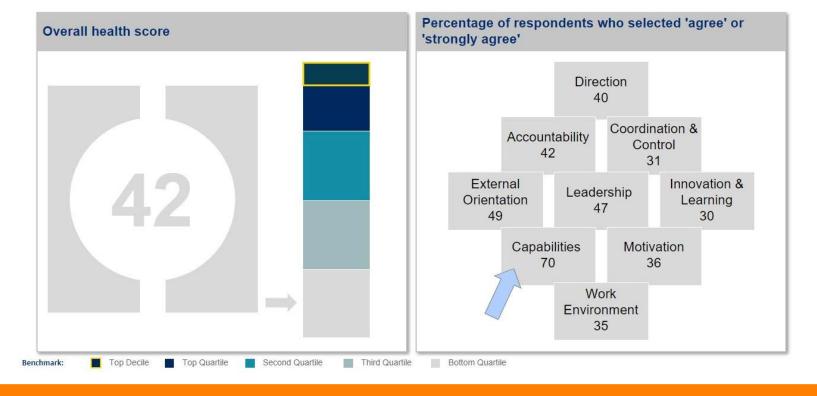
What: We are administering another Organizational Health Index assessment starting October 27th 2021

Why: This is one of our methods for measuring "Organizational Health" as outlined in Objective 2 of the Strategic Plan

## **Objective 2**

## **KEY METRICS**

- Organizational Health Index
- Employee Engagement Assessment
- Educational Reimbursement Target
- Training Effectiveness Assessment



## **2019 - Organizational Health Index Assessment Data**

# **Performance Development Competencies**

•Technical Expertise and Usage: Learns quickly and acquires necessary skills in area of specialty. Comprehends job procedures and methods as outlined in job description.

•Interpersonal Understanding: Aligning one's behavior and actions with the behaviors identified within the Commitment to the Code of Excellence.

•Outcomes Orientation: Demonstrating disciplined attention and focus on achieving concrete and tangible results in alignment with agreed upon deadlines.

•Sensing Systems: Considers the impact of one's work product on the larger system and adjusts their approach based on the needs of those impacted. Includes an ability to foresee unintended consequences and mitigate for future risks.



**From Boss to Coach:** Focused on developing and distributing one's leadership to those served. Concerned with having the right questions, identifying the strengths of team-members, being a growth partner, supporting self-accountability and interdependency among teams. Someone that seeks to listen first, provide clarity of intention, direction and purpose.

# **Workforce Development Position**

- Position will support both HR and Leadership & Org Development. Focus will be on supporting outreach and coordination with area colleges, high schools, trade schools and local workforce development councils.
- The position will also support the work ahead relative to succession management.
- Priority #1 for this role will be the creation of a workforce development strategy that will become the workplan for the coming years.
- To be posted internal/external in September

# **Department Top 3 Priorities For 2022:**



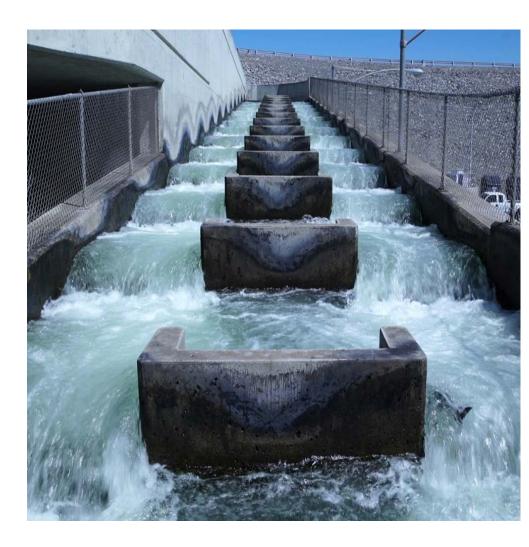
Individual Development Plans & Mentorship Program



Succession Management within MyHR



Orange & Blue U (Emergent Leadership Curriculum Development and Pilot)



# **Questions?**

# **Commission Report**

# **Operational Excellence Quarterly Business Report**

September 28, 2021

Senior Manager of Operational Excellence Daniel Blazquez



Powering our way of life.

Safety | Service | Heritage | Integrity | Respect | Teamwork | Innovation



# **Operational Excellence Team**

## **OPEX Vision**

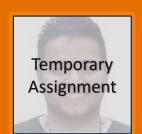
Excellence in service and leadership as a high reliability organization

# **OPEX** Mission

To make Grant PUD the safest, most reliable, and efficient provider of energy and fiber on earth.



#### **Continuous Improvement**



Rey Pulido Cl Manager



Abel Sabedra Sr. Program Spc



Tyler O'Brion Sr. Safety Coordinator



Brad Martinez Sr. Program Spc Interim Cl Mgr.



Cindi Harr Admin. Assistant





Robert Lougee CAP Manager



Danny Combs **Program Spc.** 

### Human Performance Improvement



Mark Beattie Project Spc. IX



Montague Meadows Lead Program Spc.

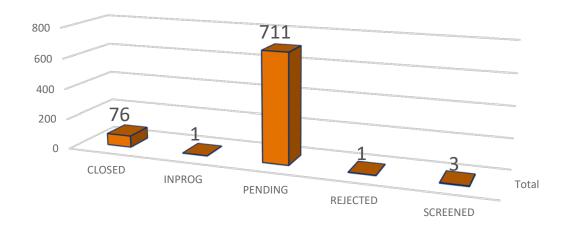
# **Corrective Action Program (CAP)**



**Condition Reporting System is now operational** 

- Close Call reporting
- Injury and Incident reporting
- Safety Action Items
- Mobile Incidents

### **Condition Reports**



792 Count of Condition Reporting by Status

### **Open Evaluations**

- Receipt of Payment #12047
- COVID-19 Exposure #12585
- Security Contract Vehicle Accident #12261
- W-1 Broken Shear Pin #11274
- Tainter Gate Event #11116
- Rescue Vessel Event #10647

### In Work

- Uploading of historic safety data
- PowerBi reporting improvement



# **Continuous Improvement (CI)**

## Closed

- District System Load Processes
- Planning and Scheduling
- Service Connection Agreement Process
- WAN Planning and Scheduling

## On Hold

- SCA Work Order Request Process
- Clearance Request Process

Open

- Confined Space Standardization
- Leadership Assessment
- Fiber Workflow/ Staffing Process
- W-1 Broken Shear Pin
- 25-ton Bulkhead Crane Wheel Bearing Failure
- Outage Reporting Process



# Human Performance Improvement (HPI)

## Closed

## WAN Plant Maintenance Procedures

- Standardize procedures
- Increase unit availability
- Increase plant employee knowledge of complex maintenance operations

## On Hold

• NA

## Open

## FERC 12 - Dam Safety and Plant SOPs

- Standardize procedures
- Meet compliance requirements
- Improve safety at projects

## FME Program

- Improve reliability
- Increase unit availability
- Standardize practices and procedures

### Central Ephrata Sub Station Outage

- Improve system reliability
- Standardize practices and procedures
- Increase employee knowledge of complex switching operations



### **OPEX**

Overview

#### **OPEX** Integration

- Quarterly review of risk registry and risk reporting
- Quarterly review of CRS analytics
- Deep dive review of Internal Audit reports
- Providing focus areas that require support from CXO's
- Performance improvement training
- Safety Metrics Review Improvement Prioritization

#### **OPEX 2022**

- Grant Standards
- CI, CAP, & HPI Training Paths
- OPEX Key Performance Indicators
- Grant Quality Assurance
- Initiatives and focus efforts



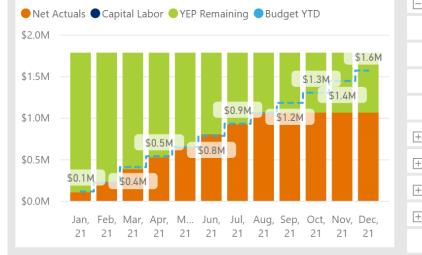
#### **Grant** O&M Budget Versus Actuals

 $\checkmark$ 



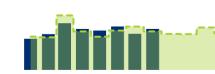
#### O&M Budget vs Actuals (Including Cap Labor)

Capital Labor & Net Actuals YTD Vs. Year-End-Projections

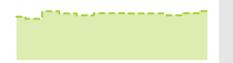


Gross Actuals Vs. Budget

\$1.1M +0.4%



Capital Labor Actuals Vs. Budget



Net Actuals Vs. Budget

\$1.1M +6.8%



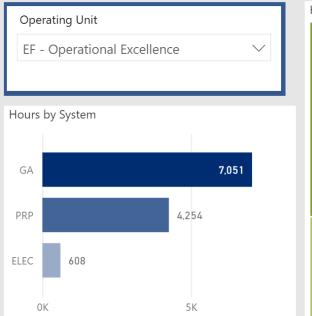
Cost Category Type/Cost Category	- Budgeted	Actuals	Budget Var	Budget Var %	Consumed %
🖃 Labor	\$888,925	\$1,037,222	\$148,296	16.7%	116.7%
Salaries & Wages	\$564,269	\$657,807	\$93,538	16.6%	116.6%
Benefits	\$318,183	\$362,816	\$44,632	14.0%	114.0%
Other Labor	\$6,473	\$16,409	\$9,936	153.5%	253.5%
Overtime		\$190			
Purchased Services	\$119,000	\$16,179	-\$102,821	-86.4%	13.6%
∃ G&A	\$47,976	\$8,484	-\$39,492	-82.3%	17.7%
+ IT	\$1,600	\$177	-\$1,423	-89.0%	11.0%
Operating Materials & Equipment	\$540	\$15	-\$525	<b>-97.2</b> %	2.8%
Total	\$1,058,041	\$1,062,076	\$4,035	0.4%	100.4%

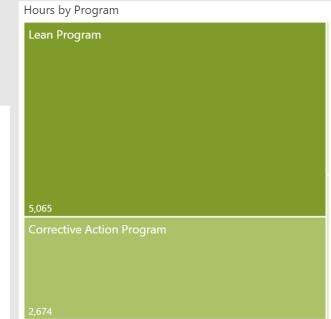
QBR v4 Aug2021



#### Employee Activity

#### EF - Operational Excellence QBR Year-to-Date August, 2021





#### Hours and CAP Hours Vs. Budgets

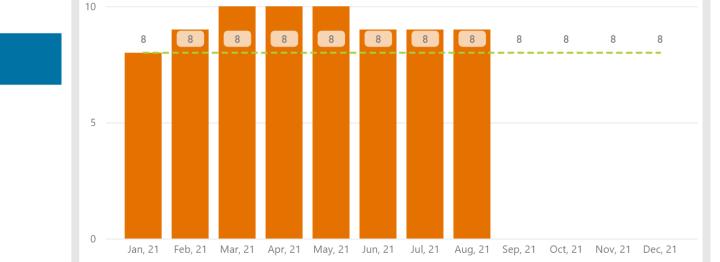


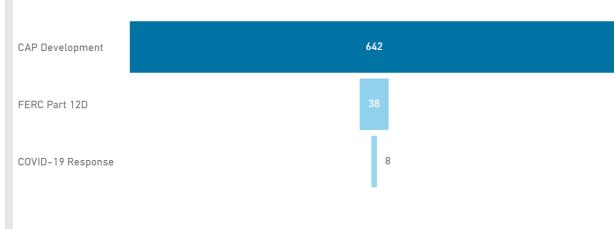


#### Hours by Initiative

#### Headcount and Budget by Month & Year

● Actual Headcount FTR ● Actual Headcount FTE ● Headcount Budget





# Thank

# You



Powering our way of life.



### PUBLIC POWER / INDUSTRY OUTREACH ACTIVITY REPORT

Commission Presentation Sept. 28, 2021

Andrew Munro, Senior Manager External Affairs & Communications Chuck Allen, Supervisor Public Affairs



Powering our way of life.

# Public Power/Industry Outreach Activity Report – Agenda:

- I. Vision and Goals
- II. Memberships
- III. Leadership
- **IV. Recent Activities**

V. All-New Waterpower Tradeshow 2021!

# O1 Vision & Goals Trusted & Reliable Utility Leader

### **2021 Goals** External Affairs & Communications

### **1. Increase Revenue Opportunities**

- \$50M for Fiber by end of 2021
- \$100M for PP/PD by end of 2021
- ≥ 65% Fiber take rate by end of 2021

### 2. Top 5% Utility in Communications Excellence

- Develop "Bot" for grantpud.org by Q4 deferred to 2022.
- Develop customer engagement comms. plan by Q2 deferred to 2022.
- Conduct customer satisfaction survey by Q4

### 3. Operational & Compliance Excellence

- Achieve balanced WA carbon policy (CETA)
- Maintain 100% compliance with PRA
- Implement Policy Mgt. Tool Districtwide



Operating Unit Goals align/support GCPUD Strategic Plan Objectives.

# 02 Industry Memberships Unified Voice

### Industry Memberships (Unified Voice)































Pacific Northwest Utilities Conference Committee

# 03 Industry Leadership Powerful Voice



**Board of Directors – Tom Flint** 

President of Board of Directors – Chuck Allen

**Environmental Task Force CEO Sponsor – Kevin Nordt** 

**Board of Directors – Andrew Munro** 

**Resource Adequacy Steering Committee – Rich Flanagan** 







ENERGY

IOP'



### Industry Leadership (Powerful Voice)



# **O4** Recent Activities Industry Collaboration & Outreach

# Public Power Week Campaign

Participated with hydro industry partners in social media campaign for National Hydropower Day on Aug. 24 by posting Two Dams video.



Published by Chuck Allen @ · August 24 at 9:58 AM · 🕤

To celebrate National Hydropower Day, we're sharing our Two Dams video, which celebrates the construction of Priest Rapids and Wanapum dams. For more than 60 years, these dams have been producing clean, renewable hydropower for Grant PUD and beyond. #HydroDay

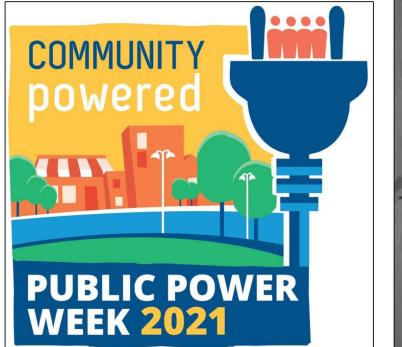




# Public Power Week Campaign

Working with Moses Lake Museum & Art Center for "Art of Dam Building" exhibit.

- Exhibit featuring photos from construction of Wanapum Dam opens on Oct. 8.
- Lecture on Oct. 8 by Chuck Allen to open exhibit.





## **FWEE & NWHA**

 Collaborated to provide for hydro power teacher kits and training to science teachers throughout the Northwest.



#### PowerWheel

#### Available to Teachers at No Cost

- \$200 kit with PowerWheel for classroom activity
- Google Classroom access to:
   o Curriculum with teacher notes via PowerPoint
  - Video tutorials
- 90-minute training with WA OSPI clock hours offered October 12 or 14: 4:00 – 5:30 PM

#### Supplies Limited, Apply Now

- Sign up for training at [insert PD Enroll link]
- Distribution will be First Come, First Serve
- Kits will be distributed after participant attends training

#### Questions?

Contact Bob Bauer (509) 661-4939 Robert.bauer@chelanpud.org

#### **Quality Assurance**

- Written by Mechelle Lalanne, STEM Educational Consultant and former North Central ESD Managing Director of Science Education
- Aligned with Next Generation Science Standards
- · Reviewed and supported by power generation providers



#### Electricity Production for Secondary Students

Middle and High School Virtual Teacher Training

The curriculum acts as an introduction to learning about engineering design, alternative energy, or physical science concepts. The PowerWheel was designed to be a foundational tool for the instruction of energy and physics.

Students will learn how decisions are made while considering tradeoffs and stakeholders. To do this, they will explore which form of energy best meets the needs for Dakota Brown, a fictitious environmental engineer looking to relocate to a new state.

> Science Standard Alignment

Middle School MS-ETS1-1: nextgenscience.org/pe/ms-ets1-1engineering-design

MS-ETS1-2: nextgenscience.org/pe/ms-ets1-2engineering-design

MS-ETS1-3: nextgenscience.org/pe/ms-ets1-3engineering-design

High School HS-ETS1-1: <u>nextgenscience.org/pe/hs-</u> ets1-1-engineering-design

HS-ETS1-2: nextgenscience.org/pe/hsets1-2-engineering-design

HS-ETS1-3: nextgenscience.org/pe/hsets1-3-engineering-design

HS-ETS1-4: nextgenscience.org/pe/hsets1-4-engineering-design

With the PowerWheel HS-PS3-3: nextgenscience.org/pe/hsps3-3-energy

HS-PS2-5: https://www.nextgenscience.org/pe/hsps2-5-motion-and-stability-forces-and-

# **Columbia River Treaty Power Group**



Highlights include:

- Action alerts for Power Group Members.
- Defining list of engagement opportunities for key Power Group members.
- Website and other branding material updates for the power group.
- Press releases and future op-eds to regional media.

# 05 All-New Waterpower Tradeshow Clean Currents 2021

# All-New Waterpower Tradeshow + Conference!





#### INTRODUCING THE ALL-NEW WATERPOWER INDUSTRY EXPERIENCE

Clean Currents 2021 is the all-new, official waterpower tradeshow + conference of the National Hydropower Association—promoted by North American waterpower to benefit the industry.

ноѕт итіLіту: 📥 Georgia Power

### **Industry Participants**





### Powering our way of life.