



## **11.28.22 Meeting Minutes (cont.) Staffing Methodology**

- Cost Allocation / Staffing SMEs Check In: Cherie to schedule with Jessica and Doug for sometime this week
- Clarification on Departmental vs Position by Position: Brad to mock up example to walk through
- Line Item in Budget per Activity for Certain Departments (not Support Staff):  
Mechanic repairs, Tree crew, etc.
- How would the Modified Massachusetts formula apply to this apply to this function? (Can explore with BPA SMEs)



## **11.28.22 Meeting Minutes (cont.) Capital Budget Breakout**

- Revisit ideas from last meeting, time permitting
- Proposed Budget activity timeline is feasible (Closeout activities are completed by a separate team than justification sheets and Project budget)
- Could follow similar process for BPA's FCRPS umbrella agreements and subagreement style: process line item by line item
- 2 month cadence to talk through upcoming projects
- Mike to share process from FCRPS in future meeting



## **11.28.22 Meeting Minutes (cont.)**

### **Action Items:**

- Brad to send Budget Packet by end of day 11/28 (COMPLETE)
- BPA to send Budget Letter by 12/1
- Cherie to follow up with BPA Accountants (Jessica and Doug) to schedule Staffing Methodology discussion
- Brad to create mockup example for departmental vs. position by position staffing methodology
- Mike to share FCRPS example process for team to decide if this can serve as a template for Capital Budget process



# Cowlitz Falls Budget Agenda

## 12.1.22

### 2023 Budget Timeline / Schedule

- Approval Letter Progress
- Budget Packet Progress
- 12/1 deadline

### Budget Cycle Process Changes

- Flowchart view of BPA FCRPS Process
- What makes sense to borrow from this process?
- Payment Structure for Capital Budget if not following current 1/12 structure
- Closeout Process Visualization
- 2-Year Process: considerations

### Staffing Allocation Discussion

- Cost Allocation / Staffing SMEs Check In (joining next week)
- Mockup of Departmental vs Position by Position

### Kiona Creek Additional Info

- Joe had sent some additional context for Kiona Creek



COWLITZ FALLS PROJECT

# 2023 Budget Timeline – November

S	M	T	W	T	F	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

NOV  
21

- 2023 Budget Approval Draft / Process Check In
- Staffing Expertise Check In
- Budget Cycle Process Changes
- Closeout Process

NOV  
28

- Budget Draft Circulated
- Approval Letter in Process
- Staffing Methodology Discussion ongoing
- Budget Process Discussion ongoing

DEC  
1

- Deadline for 2023 Budget Agreement
- Ongoing discussion for Staffing Methodology
- Ongoing Discussion for Additional Topics



COWLITZ FALLS PROJECT

# 2023 Budget Timeline – December

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DEC  
8

- Morning and Afternoon session scheduled
- Will structure agenda to include Budget Process topics that can be more easily accomplished alongside Support Staffing Methodology

DEC  
15

- Possible Additional Meeting during the week Plan for Q1 2023 Budget Discussions
- Report of Issues Resolved



# BPA FCRPS Process



### PROJECT IDENTIFICATION

Already determined/agreed upon by the overall Long Range Plan but with a shorter time horizon. Projects nearly ready to be executed.

### JUSTIFICATION

Data and Justification information with more scrutiny to current OY/why now vs. cost of not completing project

### THRESHOLD FOR FORMAL REVIEW

For BPA, follow different processes for different costs. What thresholds should be applied to CFP?

### PAYMENT PROCESS

What would work from a payment process or agreement in an ideal world? BPA uses subagreement contract for each project, but may need to be changed for CFP.



### CHECKPOINTS THROUGHOUT PROJECT

Checkpoints help to check and adjust if project is on track and needs additional funding within an operating year or in multiple operating years



# Closeout Process

## End of Cycle Reconciliation

- Identify under runs of previous 2 year operating period by line item
- Adjustments should be made between 1st and 2nd year
- Budget close out should be completed within 90 days of the end of the 2nd OY
- Deduct overall under run from next FY's 2 year budget and reduce remaining monthly payments equally by that amount.
- Adjust the monthly installments according to the final under run for the previous year. For example, Monthly Installments =  $(\text{Remaining OY} - \text{Under Run Amount}) / \# \text{ Remaining Periods}$

## Outstanding Projects Status Report

- Estimate whether non-completed line items still need to be completed and costs
- Capture plans to complete non-completed line items

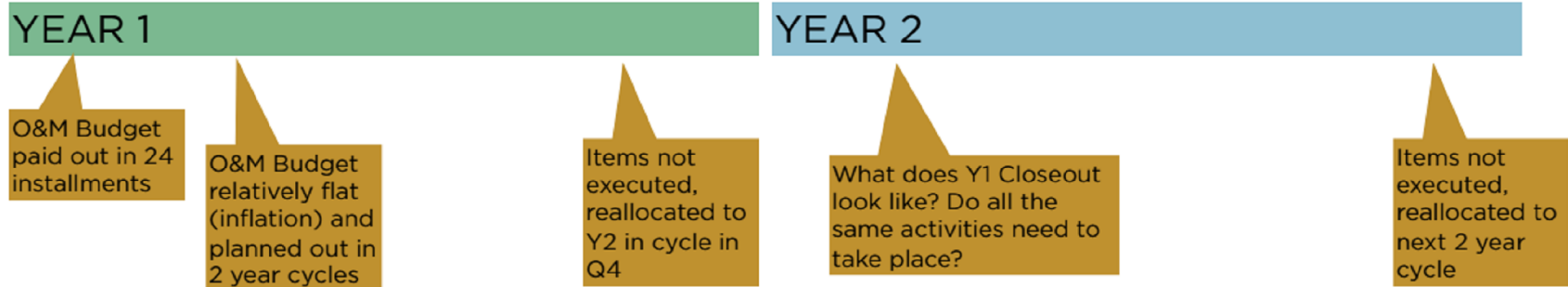
## Residual Value Report

- Lists all OR&R line items completed and depreciation rate and current value to include a total residual value
- Include an attachment of the depreciation schedule for each of the OR&R completed items





# 2-Year Budget Cycle



How does this affect the Capital Budget Breakout process?



# 2-Year Budget Cycle

- Both O&M and Special O&M should be built upon a two year budget. Recurring and non-recurring line items should be included. (A true up should be performed in between years to include any cost over/under runs and line items that were not completed or line items that were not in an OY's budget but were executed due to need or under run of other line items.)
- O&M and Special O&M should be paid through monthly installments with adjustments as needed (24 installments)
- Deduct overall under run from next FY's 2 year budget and reduce remaining monthly payments equally by that amount.



# 2023 Budget Timeline Draft

	QUARTER 1 • 2023			QUARTER 2 • 2023			QUARTER 3 • 2023			QUARTER 4 • 2023		
CAPITAL BUDGET (OR&R)	Long Range Plan & Projects for Next OY			Agreement on Long Range Planning								
OPERATING BUDGET (O&M / SPECIAL O&M)				Identify Any Allocation Changes and/or New Proposed Staff								
CLOSEOUT PROCESS	End of Q1 - Reconciliation											
	End of Q1 - Residual Value Report											
OVERALL BUDGET PROCESS	Justification Sheets Completed						Draft Budget for Next Cycle - July			Finalize Budget		
							Budget Discussions Start - August					
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC

COWLITZ FALLS PROJECT



# 12.1 Minutes



COWLITZ FALLS PROJECT

# 2023 Budget Timeline – November

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NOV  
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- 2023 Budget Approval Draft / Process Check In
- Staffing Expertise Check In
- Budget Cycle Process Changes
- Closeout Process

NOV  
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- Budget Draft Circulated
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- Staffing Methodology Discussion ongoing
- Budget Process Discussion ongoing

DEC  
1

- Deadline for 2023 Budget Agreement
- Ongoing discussion for Staffing Methodology
- Ongoing Discussion for Additional Topics



COWLITZ FALLS PROJECT

# 2023 Budget Timeline – December

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DEC  
8

- Morning and Afternoon session scheduled
- Will structure agenda to include Budget Process topics that can be more easily accomplished alongside Support Staffing Methodology

DEC  
15

- Possible Additional Meeting during the week Plan for Q1 2023 Budget Discussions
- Report of Issues Resolved



# 12.1.22 Meeting Minutes

## 2023 Budget Progress

- Brad to send revised Schedule of Payments reflecting minor changes
- Residual Value Report for the 2021 assets is necessary from Lewis
- Update on Document Management Software: Joe needs to send an Implementation Plan by 12/8 for the software with written justification, steps to implement (including setup of tags for meta-data usability), steps for training, and schedule for when these activities would take place and software would be operational/go-live
- Kiona Creek Enhancement: additional documentation is on the Sharepoint site, Legal to review after Infrastructure Grant is resolved, additional discussion tabled until late Q1 next year (possibly later)



# 12.1.22 Meeting Minutes

## Staffing Methodology

- BPA Subject Matter Experts and Accountants Doug and Jessica are joining next week  
(12/8) Afternoon session
- Brad will create a mockup of departmental allocation calculation for that meeting





# BPA FCRPS Process



### PROJECT IDENTIFICATION

Already determined/agreed upon by the overall Long Range Plan but with a shorter time horizon. Projects nearly ready to be executed.

### JUSTIFICATION

Data and Justification information with more scrutiny to current OY/why now vs. cost of not completing project

### THRESHOLD FOR FORMAL REVIEW

For BPA, follow different processes for different costs. What thresholds should be applied to CFP?

### PAYMENT PROCESS

What would work from a payment process or agreement in an ideal world? BPA uses subagreement contract for each project, but may need to be changed for CFP.



### APPROVALS THROUGHOUT PROJECT

Checkpoints help to check and adjust if project is on track and needs additional funding within an operating year or in multiple operating years



# CFP OR&R Capital Budget Cycle

ON A MONTHLY CADENCE:



**PROJECT IDENTIFICATION**

Long Range Plan provides some visibility, but Lewis will notify BPA when Projects are nearly ready to be executed.

**JUSTIFICATION**

Justification Process can be initiated in advance of execution time frame, but this Capital Project Funding Cycle still occurs before a project is formally funded by BPA.

**MONTHLY MEETING**

Review the Justification and Alternative Analyses and Cost Estimates and extraneous dependencies, if project meets all requirements, passes through for funding.

**THRESHOLD FOR FORMAL REVIEW**

**Unresolved Q: What thresholds should be applied to CFP?**

**PAYMENT PROCESS**

Incremental Funding.  
**Open Q: Is this constrained by a total amount for OR&R projects in a budget cycle?**

**WHEN A PROJECT IS FUNDED V**



WHEN A PROJECT IS JUSTIFIED ^

**APPROVALS THROUGHOUT PROJECT**

Checkpoints help to check and adjust if project is on track and needs additional funding within an operating year or in multiple operating years

**PROJECT ADDED TO RESIDUAL VALUE REPORTING IN YEARLY CLOSEOUT**



# 12.1.22 Meeting Minutes (cont.)

## BPA FCRPS Process Structure

- Edited version on Slide 7
- What rate can BPA release funds? Within a week. Accounts Payable needs a 3 day lead time.
- Monthly cadence may be a means to start
- Scheduling a project (Long Range Plan) is separate from Approval of project (OR&R Capital Budget Cycle)
- Long Range Plan is an important tool but does not replace an approval process
- Biggest concern with doing justifications far in advance is stale cost estimates/budget/alternative analyses



## **12.1.22 Meeting Minutes (cont.)**

# **BPA FCRPS Process Structure**

- Projects come through Approval process in Scoping phase
- No issue with starting to collect justifications ahead of time, but will still need to follow timing for approval
- How does Staffing impact Capital Projects or how do the O&M/Special O&M budgets interact with the OR&R budget if being separated
- Should not have direct labor costs in OR&R budget
- Are there any outlying concerns that need to be incorporated into this process?
- If separating Labor (O&M/Special O&M) from Capital Projects (OR&R), O&M/Special O&M follows similar yearly budgeting process currently used with 1/12 payment. OR&R would follow monthly cycle proposed either with or without a set \$ limit before entering the year (need to continue to discuss payment mechanics and process)

# **P** 12.1.22 Meeting Minutes (cont) Closeout Process

- No additional proposed edits
- Need to revise language if not using 2-year cycle
- Let's revisit next week with more granularity to depreciation rate

## End of Cycle Reconciliation

- Identify ~~under runs of previous 2 year operating period by line item~~ budget to actuals
- Adjustments should be made to the Budget between 1st and 2nd year
- Budget close out should be completed within 90 days of the end of the 2nd OY
- Deduct overall under run from next FY's 2 year budget and reduce remaining monthly payments equally by that amount.
- Adjust the monthly installments according to the final under run for the previous year. For example, Monthly Installments = (Remaining OY - Under Run Amount) / # Remaining Periods

## Outstanding Projects Status Report

- Estimate whether non-completed line items still need to be completed and costs
- Capture plans to complete non-completed line items

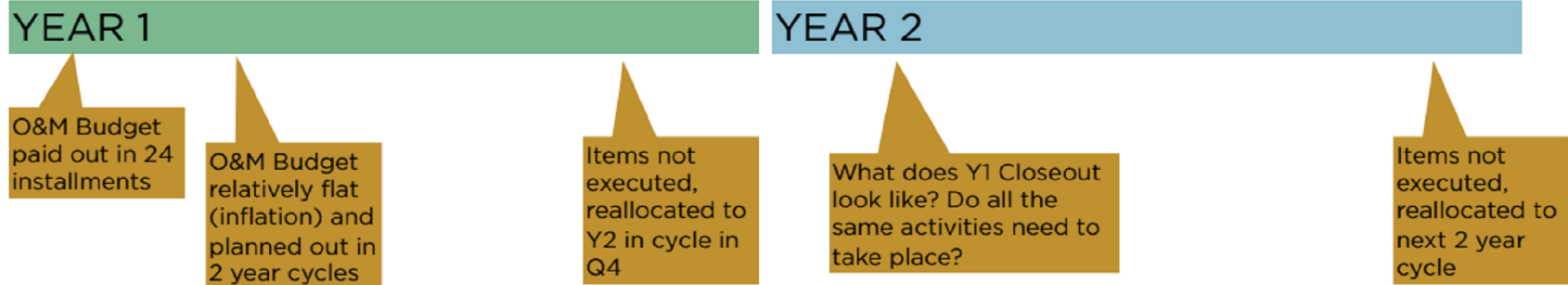
## Residual Value Report

- Lists all OR&R line items completed and depreciation rate and current value to include a total residual value
- Include an attachment of the depreciation schedule for each of the OR&R completed items



# 2-Year Budget Cycle

- Fiscal years do not match so less benefit to adopting
- Rate case is currently 2023-2024, next available cycle to adopt in alignment would be 2025
- Ultimately requires similar level of rigor to yearly process
- Continuing to be evaluated as an option



How does this affect the Capital Budget Breakout process?



# 2023 Budget Timeline Draft – Updated 12.1.22

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CAPITAL BUDGET (OR&R) LPUD: JOE BPA: MICHAEL	Long Range Plan & Projects for Next OY			Alignment on Long Range Planning								
	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle
OPERATING BUDGET (O&M / SPECIAL O&M)				Identify Any Allocation Changes and/or New Proposed Staff								
CLOSEOUT PROCESS LPUD: BRAD & NICHOLE BPA: CHERIE	End of Q1 - Reconciliation											
	End of Q1 - Residual Value Report											
OVERALL O&M/SPECIAL O&M BUDGET PROCESS							Draft Budget for Next Cycle - July			Finalize Budget		
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# Cowlitz Falls Budget Morning Agenda

**12.8.22 AM**

## **2023 Budget Timeline / Schedule**

- Follow Up on Document Management Software Implementation Plan

## **Budget Cycle Expectations**

- 2-Year Cycle
- Justification Process / Timeline
- Long Range Planning Purpose and Usage
- Approval Process / Timeline for Operating Budget vs Capital Project Budget

## **OR&R Process**

- Revisiting process from last week and tightening up cadence, logistics, possible edits to PPA

## **Justification Sheet Improvements**

- View example of Justification Sheet
- Decide on Key Information and Edits to Improve Usability





# Cowlitz Falls Budget Afternoon Agenda

12.8.22 PM

## Staffing Allocation Methodology

- Doug and Jessica from BPA to join and help anchor discussion for first half
- For positions that will be utilizing line items, best estimate for those work orders supported by actuals in future years is preferred
- Start documentation/draft for process in this meeting (not final iteration/discussion)

## Closeout Process

- Blue Book is being utilized for most assets
- What is being utilized for computers/technology assets?
- Best Practices & Additional Resources / IRS



COWLITZ FALLS PROJECT

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- Morning and Afternoon session scheduled
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- Possible Additional Meeting during the week Plan for Q1 2023 Budget Discussions
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# 2023 Budget Open Items:

- Document Management Software Implementation Plan
- Any more meetings or information needed to resolve?

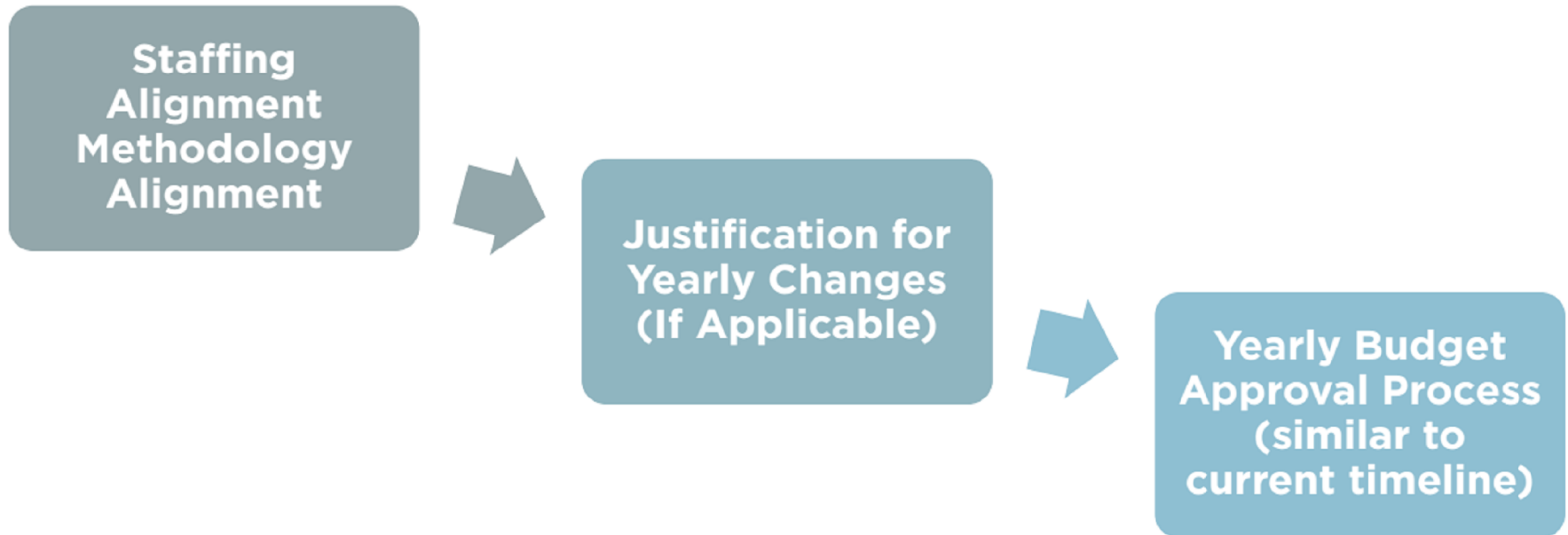


# Two-year Cycle

- Is there a strong desire to adopt a 2-year cycle?
- Cons: fiscal years are misaligned for Lewis/BPA, cannot align to rate case currently
- Pros: potential time savings in second year of cycle, levels of granularity (long range plan → two year budget → one year execution → monthly OR&R)



# O&M / Special O&M Budget Process





# OR&R Budget Process





# Justification Sheets

- Let's look at an example.
- Are there any concerns with the current process/timeline for Justification Sheets?
- What are the Key Criteria from the Justification Sheets for BPA?
- Which projects require Justification Sheet? Should there be different types for different sized projects?
- What are some of the usability concerns that have arisen?
- How early can this process be started and when do the Justification Sheets need to be revised? (Cost estimates, Alternative Analyses)
- What is a trigger for 3<sup>rd</sup> party Alternative Analysis? (Complexity, Dollar Amount)
- How many Justification Sheets should be completed in a year? How far out is appropriate? (limit to account for staff time?)





# CFP OR&R Capital Budget Cycle

ON A MONTHLY CADENCE:



**PROJECT IDENTIFICATION**

Long Range Plan provides some visibility, but Lewis will notify BPA when Projects are nearly ready to be executed.

**JUSTIFICATION**

Justification Process can be initiated in advance of execution time frame, but this Capital Project Funding Cycle still occurs before a project is formally funded by BPA.

**MONTHLY MEETING**

Review the Justification and Alternative Analyses and Cost Estimates and extraneous dependencies, if project meets all requirements, passes through for funding.

**THRESHOLD FOR FORMAL REVIEW**

**Unresolved Q: What thresholds should be applied to CFP?**

**PAYMENT PROCESS**

Incremental Funding.  
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**APPROVALS THROUGHOUT PROJECT**

Checkpoints help to check and adjust if project is on track and needs additional funding within an operating year or in multiple operating years

**PROJECT ADDED TO RESIDUAL VALUE REPORTING IN YEARLY CLOSEOUT**



# CFP OR&R Capital Budget Cycle

- Does this proposed process work for Cowlitz Falls Project?
- What cadence works the best for Project Approval?
- Do Lewis/BPA want to create a threshold for which projects must run through this process or do all Capital / OR&R projects follow this process? (over/under \$100,000+)
- Is this constrained by a finite amount for OR&R projects in an operating year?
- How does the Operating Budget (Special O&M/O&M) interact with OR&R funding currently?
- Will projects be approved in a phase by phase method?
- When do Justification Sheets need to be finalized for this process?



# Long Range Planning Expectations

- Serves as guidance/visibility but not a method for project approval
- Should this be reviewed/iterated on a regular cadence? (Yearly?)
- What are the Model Parameters?
- What involvement does BPA have in the Long Range Planning?  
(Viability of Projects?)
- When does a project start justification process?



# Staffing Allocation Methodology: Departments Converting to Budget Line Items ( Work Orders)

- Engineering
  - Tree Crews
  - Operations
  - Mechanics
  - Technical Services
  - GIS
  - Line Crews
  - Dispatch
  - Energy Services
  - Customer Service
  - Power Supply\*
- For these line items, best estimates (budget) for work orders and reconciling to actuals in future years
  - How would this change with actuals/during the operating year? (Example 40 hours budgeted, 80 hours actual)



# Staffing Allocation Methodology

Department	Cost Driver	Justification	(Other Criteria)	(Other Criteria)	(Other Criteria)
Accounting	(A&G Ratio)				
Human Resources	Employee Ratio				
Procurement	Capital Budget				
Admin	(A&G Ratio)				
Commission	(A&G Ratio)				



# Staffing Allocation Methodology

Department	Cost Driver	Justification	(Other Criteria)	(Other Criteria)	(Other Criteria)
Compliance	NERC Registration Ratio				
Safety	Employee Ratio				
Power Supply*	50% of Managed Capacity Rating Ratio				
IS	Equally Weighted Component and A&G Ratio				
Records	Equally Weighted Component and A&G Ratio				



# Residual Value Report

- *Lists all OR&R line items completed and depreciation rate and current value to include a total residual value*
- *Include an attachment of the depreciation schedule for each of the OR&R completed items*
- **How does Lewis envision this process?**
- **The Blue Book is being used for the asset management depreciation schedule. For items not included (technology, etc) what is the methodology for depreciation? (Under \$5000, Expensed)**
- **What other best practices and/or resources could be utilized? (IRS)**

COWLITZ FALLS PROJECT



# 12.8 Morning Minutes





COWLITZ FALLS PROJECT

# 2023 Budget Timeline – December

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- Morning and Afternoon session completed
- OR&R Process more solidified in terms of monthly review, need to finalize yearly and Long Range Planning
- Refresh of Justification Sheets finalized
- Staffing Methodology started with BPA accountants



# Action Items from 12.8.22

- **Justification Sheet 2.0:** Prior to January Monthly Budget Meeting, **Joe** to send new draft version optimized for the recommendations previous and any other usability improvements to Budget Team for review.
- **Staffing Allocation Methodology:** **Brad and team** to add Justification/Reasoning, Example Calculation, Risk Factors and Controls to Matrix; meanwhile **Jessica and Doug/BPA** to review proposed cost drivers and information provided so far for feedback
- **Residual Value Report:** Both **BPA/Lewis** to read and review **Agreement Letter from June 2020** Brad sent to team on 12.8.22 and identify any concerns



# 12.8.22 Morning Minutes

## 2023 Budget Open Items

- Document Management Software (Collabware) Implementation Plan - Joe to send team Implementation plan written by Taresa with more information on timelines
- Typical Collabware implementation (more complex) takes 6 months; due to estimated workload and simpler setup, CFP implementation should take 2-3 months
- Michael to review Implementation Plan and follow up if additional documentation or quick meeting needed with Joe and Taresa to resolve any other questions



# 12.8.22 Morning Minutes

## Justification Sheets

- **Are there any concerns with the current process/timeline for Justification Sheets?**
  - Everyone in agreement, Justification sheets are a helpful tool but cumbersome in terms of use
- **Which projects require Justification Sheet? Should there be different types for different sized projects?**
  - Every project above \$100,000 total cost should include a justification sheet
  - Line Items under \$100,000 that are part of OR&R budget should follow separate approval process with an approval letter and summary view of Items, Quick Reasoning/Justification (within same excel document), and can be discussed as a part of the monthly meeting
- **What are the Key Criteria from the Justification Sheets for BPA?**
  - Header Information, “Identify Need” Section (succinct but thorough), Recommended Alternative are first level absolutely necessary
  - In early Scoping Phase, not expected to have all the fields filled out but over time and as project nears execution, thorough completion aids the readiness and viability
- **How early can this process be started and when do the Justification Sheets need to be revised? (Cost estimates, Alternative Analyses)**
  - Justification Process can start a year or two out from execution with the knowledge that as execution nears, more Alternatives, Cost Estimates, other contingencies should be updated



# 12.8.22 Morning Minutes

## Justification Sheets cont.

- **What is a trigger for 3<sup>rd</sup> party Alternative Analysis? (Complexity, Dollar Amount)**
  - Alternative Analyses provide other ways to complete similar objective as project
  - Total Project Cost can serve as a trigger for Alternative Analyses
  - More discussion needed to determine optimal threshold (FCRPS uses \$1M as benchmark)
- **Recommended Edits / Points of Discussion About Justification Sheets:**
  - Wherever possible, utilize dropdowns and fillable fields
  - Version Control dates – alternative way to discern different version/final either via Sharepoint or alternate method within document
  - For paragraph style answers, make textarea fit the page width to allow for less formatting errors on calculations and other parts of sheet
  - Move Header, Identify Need, and Recommended Alternative near the top to help with early project scoping
  - Move “Schedule” Below “Recommended Alternative” text area
  - Add Operating Years to Cost Estimates
  - Rename “Risk” to “Risk of Noncompletion” or similar language
  - Add Definition or agreed upon criteria for Risk Level column
  - Status Quo Alternative Assumed- possibly have this be the Recommended Alternative #0?
  - For Benefits, add more categories and allow for different questions to be chosen to help fit criteria of project (ex. Compliance benefit does not have immediate employee or productivity or other tangible benefit, but has other extraneous benefit longer term).
  - Notes are helpful, but unsure if there are better format for capturing



## 12.8.22 Morning Minutes Justification Sheets cont.

- **Action Item for Justification Sheet 2.0:** Prior to January Monthly Budget Meeting, **Joe** to send new draft version optimized for the recommendations previous and any other usability improvements to Budget Team for review.
- Recommendation is to utilize new format and continue to iterate on a regular cadence (to be determined) to develop format that best captures information BPA needs in a user-friendly and easy to complete manner



## **12.8.22 Morning Minutes Long Range Plan + OR&R Budget**

- Long Range Plan will be iterated on yearly cadence
- BPA will be part of regular pre-review and yearly readout on the Long Range Plan with Lewis and Black and Veatch
- Start of discussion about OR&R Monthly Budget and agreement on Long Range Plan (overall viability of slate of projects with a wide view)
- OR&R Monthly Cycle will be methodology for formal approval/funding of projects
- Yearly, there will be an estimate and plan of upcoming operating year's Capital/OR&R Projects that serves as a guidance for appropriating funding for the upcoming 12 OR&R Budget Cycles

COWLITZ FALLS PROJECT



# 12.8 Afternoon Minutes





## 12.8.22 Afternoon Minutes

# Staffing Allocation Methodology: Departments Converting to Budget Line Items ( Work Orders)

- Engineering
- Tree Crews
- Operations
- Mechanics
- Technical Services
- GIS
- Line Crews
- Dispatch
- Energy Services
- Customer Service
- Power Supply\*
- Jessica and Doug agree with the Departments/Activities slated to follow Work Order Process
- For these line items, best estimates for budget, but will charge as work orders/actuals as they occur throughout the Operating Year
- For some of these departments, work is proactively planned but reactive in nature (may only occur in dam issue or necessary scenario) so not certain of budget amounts



## 12.8.22 Afternoon Minutes

# Staffing Allocation Methodology

- **Reasoning for Utilizing A&G ratio over other ratios:** when developing Exhibit F, tried multiple cost drivers like # of checks cut, POs reviewed, other metrics, and came to same allocation as the A&G Calculation at 18-20%
- **Departmental Percentage:** blended approach in terms of percentage so whole department follows one percentage and cost driver and calculation
- Team walked through **A&G / Exhibit F (Modified Massachusetts)** example calculations and agreed to utilize this work to aid the ratios/cost drivers for some departments
- **Additional Criteria added to Matrix for Department/Cost Driver:** Example Calculation, Risk Factors, Controls in Place
- Justification meaning: simple straightforward approach that fairly represents the costs
- **Action Items:** Brad and team to add Justification/Reasoning, Example Calculation, Risk Factors and Controls to Matrix; meanwhile Jessica and Doug/BPA to review proposed cost drivers and information provided so far for feedback



# Staffing Allocation Methodology

## Excel Version Accompanying This Deck!

Department	Cost Driver	Justification/Reasoning	Example Calculation	Risk Factors	Controls in Place (for Data Quality)
Accounting	(A&G Ratio)				
Human Resources	Employee Ratio				
Procurement	Capital Budget				
Admin	(A&G Ratio)				
Commission	(A&G Ratio)				



# Staffing Allocation Methodology

## Excel Version Accompanying This Deck!

Department	Cost Driver	Justification/Reasoning	Example Calculation	Risk	Quality Control of Data
Compliance	NERC Registration Ratio				
Safety	Employee Ratio				
Power Supply*	50% of Managed Capacity Rating Ratio				
IS	Equally Weighted Component and A&G Ratio				
Records	Equally Weighted Component and A&G Ratio				



# 12.8.22 Afternoon Minutes

## OR&R Process

- Both teams are in alignment on monthly cadence and process for OR&R Monthly Funding Cycle
- Looking at funnel or firming up of viability of projects over the Long Range Plan to 2 year to 1 year and final execution in the 12 year cycle, there is agreement that project viability should be identified early and confirmed throughout justification process
- Low level of certainty/High level of awareness in the Long Range Plan



## **12.8.22 Afternoon Minutes**

# **Two-year Cycle**

- 2 year cycle helpful for Lewis as this is how other side of the business has historically planned budgets and helpful for Commissioners
- BPA/Lewis aligned on planning ahead at 2 years with major planning cycle and minor off-cycle
- Both teams want to discuss internally and formalize process ideas
- BPA to review and identify any concerns



## **12.8.22 Afternoon Minutes Residual Value Report**

- Action Item: Both BPA/Lewis to read and review Agreement Letter from June 2020 Brad sent to team and identify any concerns
- Blue Book identifies useful life, residual value from original costs, and engineer assessment reduced by blue book depreciation amount based on useful life



COWLITZ FALLS PROJECT



# Anchor Slides from the Discussion



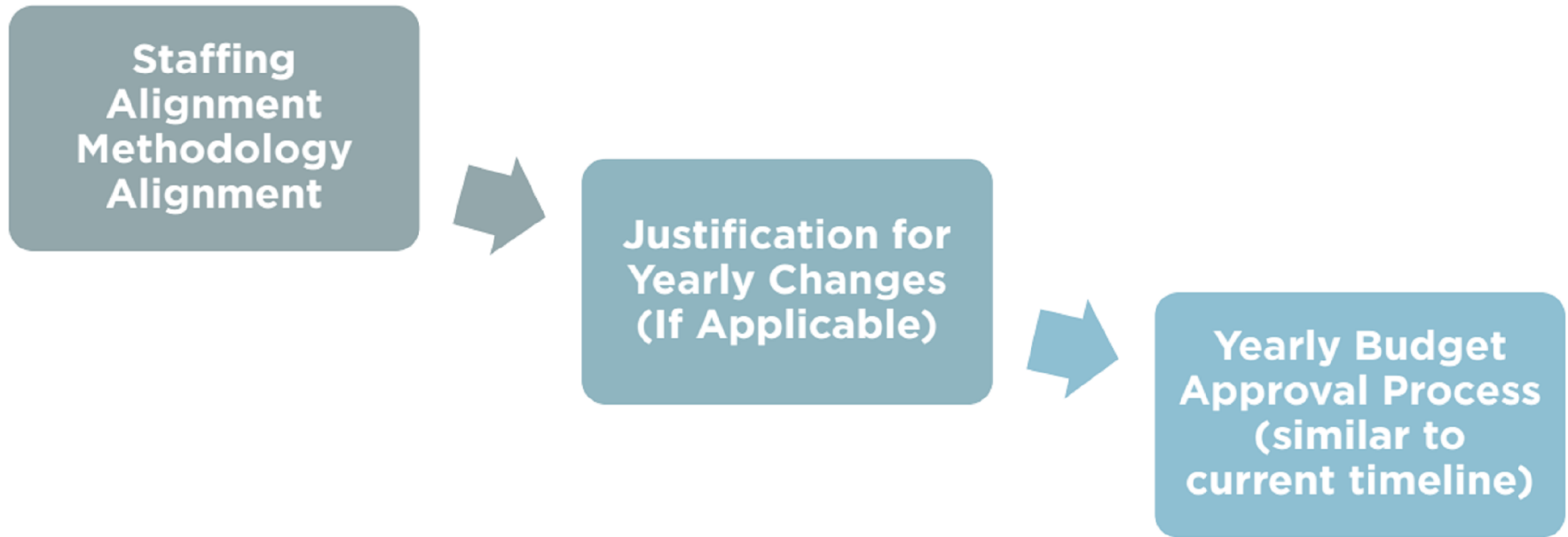


# 2023 Budget Timeline Draft – Updated 12.1.22

	QUARTER 1 • 2023			QUARTER 2 • 2023			QUARTER 3 • 2023			QUARTER 4 • 2023		
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	End of Q1 - Residual Value Report											
<b>OVERALL O&amp;M/SPECIAL O&amp;M BUDGET PROCESS</b>							Draft Budget for Next Cycle - July			Finalize Budget		
							Budget Discussions Start - August					
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# O&M / Special O&M Budget Process





# OR&R Budget Process





# CFP OR&R Capital Budget Cycle

ON A MONTHLY CADENCE:



**PROJECT IDENTIFICATION**

Long Range Plan provides some visibility, but Lewis will notify BPA when Projects are nearly ready to be executed.

**JUSTIFICATION**

Justification Process can be initiated in advance of execution time frame, but this Capital Project Funding Cycle still occurs before a project is formally funded by BPA.

**MONTHLY MEETING**

Review the Justification and Alternative Analyses and Cost Estimates and extraneous dependencies, if project meets all requirements, passes through for funding.

**THRESHOLD FOR FORMAL REVIEW**

**Unresolved Q: What thresholds should be applied to CFP?**

**PAYMENT PROCESS**

Incremental Funding.  
**Open Q: Is this constrained by a total amount for OR&R projects in a budget cycle?**

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WHEN A PROJECT IS JUSTIFIED ^

**APPROVALS THROUGHOUT PROJECT**

Checkpoints help to check and adjust if project is on track and needs additional funding within an operating year or in multiple operating years

**PROJECT ADDED TO RESIDUAL VALUE REPORTING IN YEARLY CLOSEOUT**



# Residual Value Report

- *Lists all OR&R line items completed and depreciation rate and current value to include a total residual value*
- *Include an attachment of the depreciation schedule for each of the OR&R completed items*
- **How does Lewis envision this process?**
- **The Blue Book is being used for the asset management depreciation schedule. For items not included (technology, etc) what is the methodology for depreciation? (Under \$5000, Expensed)**
- **What other best practices and/or resources could be utilized? (IRS)**



# Cowlitz Falls Budget Agenda

**12.15.22**

## **2023 Budget Timeline / Schedule**

- Follow Up on Document Management Software
- Infrastructure Grant Proposal

## **Spillway 4 Rail Extension**

- Timing
- Cost
- Deferred Funding

## **Residual Value Report**

- 4 Required Components
- Follow up from June 2020 Agreement
- Format / Necessary Info Needed

## **Staffing Methodology Part II**

- Matrix ready next week
- Meeting early next week to resolve?

## **Budget Cycle Progress**

- Review of Issue List
- OR&R Monthly Process
- Special O&M/O&M Budget Process
- Yearly Budget Milestones (End of Year Closeout, Long Range Plan)

## **Q1 Priorities**

- BPA + Lewis share their priorities for next year
- Alignment on next milestones



COWLITZ FALLS PROJECT

# 2023 Budget Timeline – December

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- Review of open items for 2023 Budget
- Review of Items Resolved
- Open Issues
- Recommendations



# Spillway 4 Rail Extension

The request for \$3,768,300 to complete the construction of the Spillway 4 Rail Extension is approved but deferred pending issuance of all required permitting and licensing from regulatory bodies having jurisdiction over CFP. When the District receives all required permits, it shall represent to Bonneville that a sufficient amount of time remains to complete all construction activities prior to the end of OY 2023 at or below the current cost estimate. After such representation is made, the deferred money will be distributed as an additional \$314,025 monthly payment, including a one-time lump sum payment to account for elapsed months.

## Open Questions:

- Timing (within the calendar year)
- Cost (at or below the current cost estimate)





# Residual Value Report

4 Components:

- Acquisition Cost (Capital - Expenses)
- Estimated Time of Acquisition (Different for different assets)
- Expected Usable Life in Months
- Expected Residual Value at End of Contract

**Format/Information:** What other components would be helpful to include?



# Staffing Methodology

- Lewis still working on reasoning and example calculations for cost drivers (ready early next week)
- Secondary Meeting Option for Next Week: Monday through Wednesday with Brad and BPA accountants
- Reminder that Lewis has open reqs for staff for 2023 and this is a priority item into the new year

# Issues Explored

Issue Summary	BPA Position	Shared Position	Lewis PUD Position	Actions to Resolve
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							Budget Discussions Start - August					



# Priority Items for 2023:

- Staffing Methodology Resolution
- Closeout Procedures / Residual Value Reporting
- BPA and Lewis to share vision on Priority entering next year





# Ways of Working Recommendations

01

## Documentation

Try to have consistent written agendas and minutes throughout the calendar year, possibly alternating on providing documentation week to week or month to month.

02

## Visualization

Throughout this budget process, visualization and sharing documents on calls have proven easy ways to ensure alignment in communication. In addition, providing documentation in advance allows others to be comfortable with the information and eases decision making.

03

## Communication

Being able to have open communication and clarification has been key to improving the efficiency of our meetings. Not all of these meetings have to run the allocated time, and being able to pivot to time sensitive or critical items and have understanding of open action items and accountability markedly improved time to decisions.

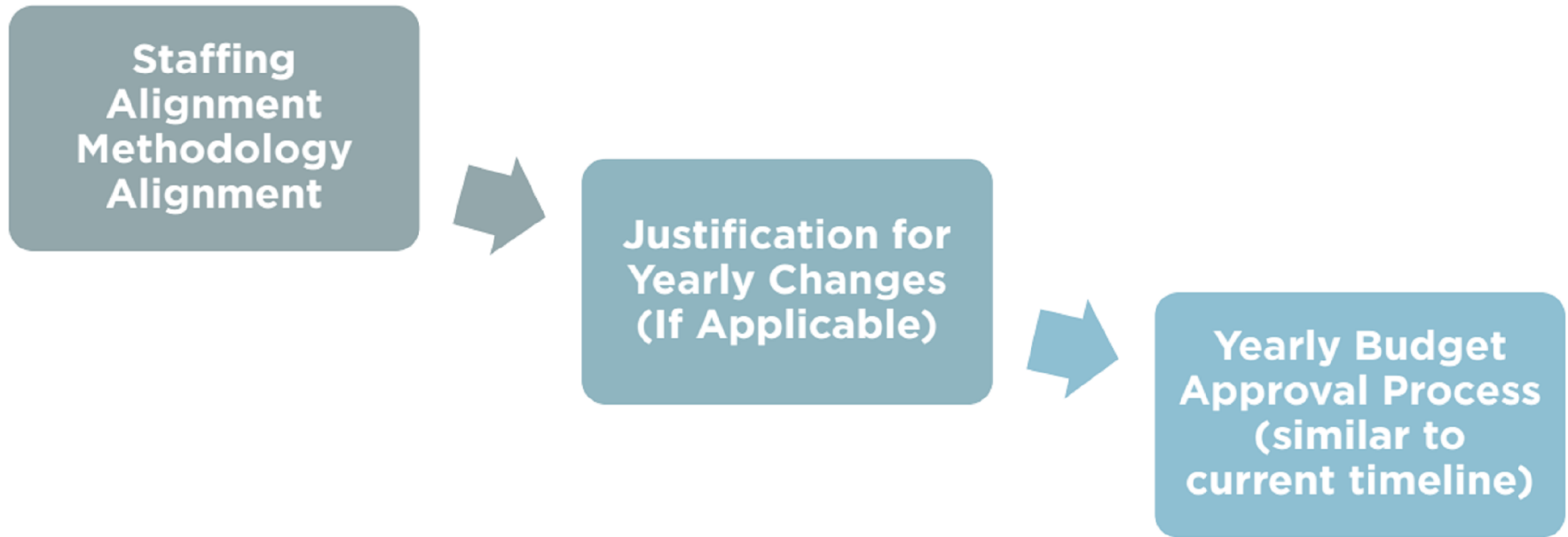
04

## Roles and Responsibilities

Lewis County and BPA both need to align on the responsibility each has to this working relationship. Lewis County needs to understand BPA's fiduciary responsibility to steward ratepayers' funds for this project, and BPA needs to understand Lewis County's role as owner and operator.



# O&M / Special O&M Budget Process





# OR&R Budget Process





# CFP OR&R Capital Budget Cycle

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COWLITZ FALLS PROJECT



# 12.15 Minutes



COWLITZ FALLS PROJECT

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- Review of open items for 2023 Budget
- Review of Items Resolved
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# **12.15.22 Meeting Minutes**

## **Items Resolved:**

- Document Management Software – agreed to fund
- Infrastructure Grant Proposal – okay to fund the grant proposal, still need to figure out the payment process and whether BPA can front money for projects



## **12.15.22 Meeting Minutes Spillway 4 Rail Extension**

The request for \$3,768,300 to complete the construction of the Spillway 4 Rail Extension is approved but deferred pending issuance of all required permitting and licensing from regulatory bodies having jurisdiction over CFP. When the District receives all required permits, it shall represent to Bonneville that a sufficient amount of time remains to complete all construction activities prior to the end of OY 2023 at or below the current cost estimate. After such representation is made, the deferred money will be distributed as an additional \$314,025 monthly payment, including a one-time lump sum payment to account for elapsed months.

### **Open Questions:**

- Timing (within the calendar year) -- estimated start end of Feb, early March
- Cost (at or below the current cost estimate)
- Meaning of above paragraph clarified by BPA, in accordance with OR&R process





# 12.15.22 Meeting Minutes

## Residual Value Report

4 Components:

- Acquisition Cost (Capital - Expenses)
- Estimated Time of Acquisition (Different for different assets)
- Expected Usable Life in Months
- Expected Residual Value at End of Contract

**Timing: Part of Closeout End of Q1 – 2021 Assets and 2022 Assets Due**



# 12.15.22 Meeting Minutes

## Staffing Methodology

- Lewis still working on reasoning and example calculations for cost drivers (ready early next week)
- **Secondary Meeting** Scheduled for Tuesday at 1:30pm with BPA Accountants and Brad
- Reminder that Lewis has open reqs for staff for 2023 and this is a priority item into the new year



# **12.15.22 Meeting Minutes**

## **Additional Schedule for January:**

- January 9<sup>th</sup> - Budget to Actuals
- January 19<sup>th</sup> - Budget Process Improvement Meeting (1 hour)
- January 23<sup>rd</sup> - OR&R Approval Cycle
- **Action Item: Michael to send agenda for January 19<sup>th</sup> meeting**

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<b>LONG RANGE PLAN (PROJECT VIABILITY)</b>	Long Range Plan (Through End of the PPA) & Projects for Next OY			Alignment on Long Range Planning								
<b>CAPITAL BUDGET (OR&amp;R)</b> LPUD: JOE BPA: MICHAEL	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle	OR&R Budget Cycle
<b>OPERATING BUDGET (O&amp;M / SPECIAL O&amp;M)</b>				Identify Any Allocation Changes and/or New Proposed Staff								
				Identify Any Non-Reoccurring O&M Projects for Upcoming Year								
<b>CLOSEOUT PROCESS</b> LPUD: BRAD & NICHOLE BPA: CHERIE	End of Q1 - Reconciliation											
	End of Q1 - Residual Value Report											
<b>OVERALL O&amp;M/SPECIAL O&amp;M BUDGET PROCESS</b>							Draft Budget for Next Cycle - July			Finalize Budget		
							Budget Discussions Start - August					





# **12.15.22 Meeting Minutes**

## **Priority Items for 2023:**

Loose Order of Priority:

- Staffing Methodology Resolution + Reconciliation for 2023
- OR&R process mapping and final language (budget and payment process)
- Closeout Procedures / Residual Value Reporting
- Infrastructure Grant Procedure of Payment
- 2 - Year Budget Cycle



# CFP OR&R Capital Budget Cycle

ON A MONTHLY CADENCE:



**PROJECT IDENTIFICATION**

Long Range Plan provides some visibility, but Lewis will notify BPA when Projects are nearly ready to be executed.

**JUSTIFICATION**

Justification Process can be initiated in advance of execution time frame, but this Capital Project Funding Cycle still occurs before a project is formally funded by BPA.

**MONTHLY MEETING**

Review the Justification and Alternative Analyses and Cost Estimates and extraneous dependencies, if project meets all requirements, passes through for funding.

**THRESHOLD FOR FORMAL REVIEW**

**Unresolved Q: What thresholds should be applied to CFP?**

**PAYMENT PROCESS**

Incremental Funding.  
**Open Q: Is this constrained by a total amount for OR&R projects in a budget cycle?**

**WHEN A PROJECT IS FUNDED V**



WHEN A PROJECT IS JUSTIFIED ^

**APPROVALS THROUGHOUT PROJECT**

Checkpoints help to check and adjust if project is on track and needs additional funding within an operating year or in multiple operating years

**PROJECT ADDED TO RESIDUAL VALUE REPORTING IN YEARLY CLOSEOUT**



# 12.15.22 Meeting Minutes

## CFP Capital Budget Cycle

### Projects Included

OR&R / Capital Projects , Non-Reoccurring O&M Projects

### Yearly Planning

Looking at the overall **Long Range Plan** for projects and estimated total costs, this serves as the guidance for the next operating year.

### Project Threshold

- \$100,000 threshold for justification sheet / formal business case
- Items under \$100,000 will be handled via monthly collective Excel sheet with written reasonings/comments
- Both will be part of the Excel document and discussed in OR&R meeting, items above \$100,000 will also have justification sheets and business cases

### Payment Process

- Separate from OR&R Approval Cycle
- Not a 1/12 Payment Schedule
- Approved Project enters next phase of project with schedule of costs
- Lewis asks for amount needed in certain month, BPA cuts check

### Logistics

- Ideally have final justification sheets (with up to date cost schedule) or excel sheet completed for OR&R projects completed a month prior to seeking approval



# 12.15.22 Meeting Minutes

## Ways of Working Recommendations

01

### Documentation

Try to have consistent written agendas and minutes throughout the calendar year, possibly alternating on providing documentation week to week or month to month.

**Michael to take up documentation for January meetings- can alternate if Lewis would like.**

03

### Communication

Being able to have open communication and clarification has been key to improving the efficiency of our meetings. Not all of these meetings have to run the allocated time, and being able to pivot to time sensitive or critical items and have understanding of open action items and accountability markedly improved time to decisions.

02

### Visualization

Throughout this budget process, visualization and sharing documents on calls have proven easy ways to ensure alignment in communication. In addition, providing documentation in advance allows others to be comfortable with the information and eases decision making.

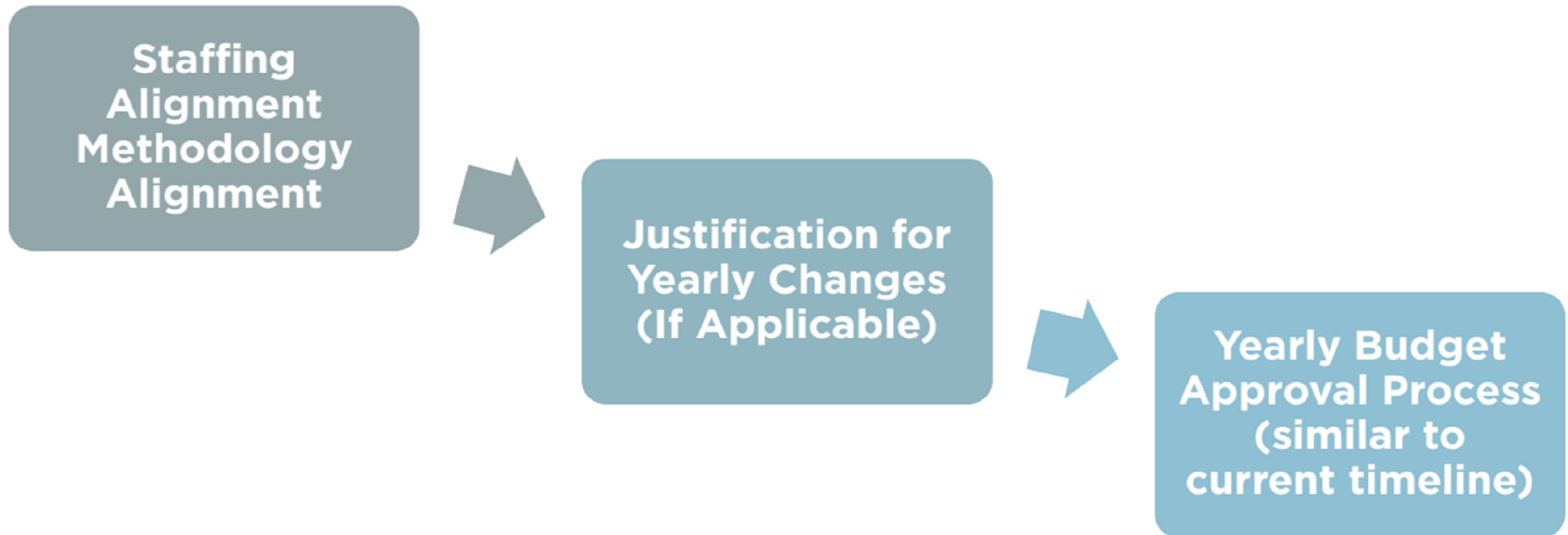
04

### Roles and Responsibilities

Lewis County and BPA both need to align on the responsibility each has to this working relationship. Lewis County needs to understand BPA's fiduciary responsibility to steward ratepayers' funds for this project, and BPA needs to understand Lewis County's role as owner and operator.



# O&M / Special O&M Budget Process





# OR&R Budget Process





# Cowlitz Falls Budget Agenda

**1.19.23**

## **OR&R 2023 Monthly Process**

- Estimated Costs
- Estimated Timeframes
- Similar list for 2024?
- Format for Monthly Check In

## **Residual Value Report**

- 4 Required Components
- Follow up from June 2020 Agreement
- Cumulative / Total Residual Value
- Format Example

## **Definitions of O&M / OR&R**

- List of Consumables / Inventory

## **Staffing Methodology Part II**

- What progress has been made?

## **Closeout**

- Estimated Underrun - Still Being Determined

## **2023 Open Items**

- Infrastructure Grant Proposal
- Long Range Plan Progress?

## **PPA Amendments Necessary**

- 60 to 90 days for Closeout
- Other Items for Legal Review



# OR&R Monthly Process

- How to decide monthly agenda?
- Yearly- how to agree on what is in the plan versus out of plan for next year's tentative funding?
- Does Budget's OR&R Plan / Long Range Plan translate into monthly plan that can be broken out and budgeted toward?





# 12.16.22 Meeting Minutes

## CFP Capital Budget Cycle

### Projects Included

OR&R / Capital Projects , Non-Reoccurring O&M Projects

### Yearly Planning

Looking at the overall **Long Range Plan** for projects and estimated total costs, this serves as the guidance for the next operating year.

### Project Threshold

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### Payment Process

- Separate from OR&R Approval Cycle
- Not a 1/12 Payment Schedule
- Approved Project enters next phase of project with schedule of costs
- Lewis asks for amount needed in certain month, BPA cuts check

### Logistics

- Ideally have final justification sheets (with up to date cost schedule) or excel sheet completed for OR&R projects completed a month prior to seeking approval



# 2023 OR&R Example Visualization

Group	Project Name	Phase	Month Work Starting	Meeting to Discuss	Total Estimated Costs	Justification Sheets Completed?
Example Category	EXAMPLE NAME	(Scoping / Design / Construction / Complete )	MONTH 2023	PRIOR MONTH OR TWO MONTHS PRIOR	Estimate from Justification Sheet	Yes / No
Bridges	Transmission Line Access - Bridge Replacement Design	Design	(EXAMPLE! March)	(January & February)	75,000	Yes
Resv, Dams & Waterways	Sluice Gate Replacement	Design 2			867,700	Yes
Resv, Dams & Waterways	Spillway 4 Rail Extension	Construction	(EXAMPLE! April )	(February and/or March)	3,768,300	Yes
< COMPLETE FOR REST OF PROJECTS >						



# Residual Value Report

4 Components:

- Acquisition Cost (Capital - Expenses)
- Estimated Time of Acquisition (Different for different assets)
- Expected Usable Life in Months
- Expected Residual Value at End of Contract

**Timing: Part of Closeout End of Q1 - 2021 Assets and 2022 Assets Due**

**Format/Information:** What other components would be helpful to include?

PPA says that Consumables (from O&M Budget) are reimbursable. Should they be added to the report to help keep track of all reimbursable costs for Lewis?

# Residual Value Report

Asset Name	Year In Service	Total Acquisition Cost	Estimated Time of Acquisition	Blue Book ID Number	Expected Usable Life (Months)	Expected Residual Value at End of Contract
	2021					
	2022					



# OR&R vs O&M

- Definitions of O&M and OR&R



# Open Items for 2023:

- Staffing Methodology Resolution + Reconciliation for 2023
- Infrastructure Grant Procedure of Payment
  - Any additional information on Infrastructure Grant?
- ~~2 - Year Budget Cycle~~

COWLITZ FALLS PROJECT



# 1.19 Minutes



# 1.19.23 Meeting Minutes

## OR&R Monthly Process

- Joe will create 2023 Project list with corresponding month for review and send to Michael/BPA
- Excel file will have 3 components:
  - 2023 Projects to Review
  - 2024 Onward Business Cases
  - Expense List for OR&R Expenses < \$100,000
- 7-year Look Ahead will provide basis for next year's planned OR&R schedule
- 1/23 Meeting will be a test run of this process and will also dive into logistics of payments as well as potential edits to Justification Sheets





# 1.19.23 Meeting Minutes

## Residual Value Report

- Lewis will include 4 Components per last agreement:
  - Acquisition Cost (Capital - Expenses)
  - Estimated Time of Acquisition (Different for different assets)
  - Expected Usable Life in Months
  - Expected Residual Value at End of Contract
- Timing: Part of Closeout End of Q1 – 2021 Assets and 2022 Assets Due
- Straight-line amortization and following BlueBook guidance whenever possible
- Cumulative Report (includes 2021, 2022 assets put in service, next year would add on 2023)
- Consumables per PPA: oil, wire, tools, safety equipment, office supplies
  - Starting with next budget, identify qualifying expenses for tracking
  - Non-OR&R equipment (vehicles & boats, and other) treated the same as consumables (most would fall into OR&R)



# 1.19.23 Meeting Minutes

## Open Items for 2023:

- Staffing Methodology Resolution + Reconciliation for 2023
  - Follow up from Brad with New Staffing Methodology Proposal to Finish Up
  - New Payment Schedule for last minute 2023 budget items and Support Labor all together
- Infrastructure Grant Procedure of Payment
  - HDR has matched Lewis County with opportunities
  - HDR is waiting for more information/guidance on grants from the Department of Energy
- Long Range Plan
  - Black & Veatch receiving additional information via filesharing from Lewis for 3<sup>rd</sup> party inspections, Hydroamp scores, budgets, anticipated resource available time, etc
  - Revising the model



# 1.19.23 Meeting Minutes

## PPA Amendments

- 60 to 90 days for Closeout may need an Amendment if following from now on
- OR&R Revised Process will be presented to Executives and relayed to Legal teams to determine if an amendment would be necessary down the road

**From:** Smith, Glen A (BPA) - PG-5  
**Sent:** Wed Aug 03 10:58:15 2022  
**To:** Sonoda, Cherie D (BPA) - PGAC-RICHLAND  
**Subject:** Cowlitz FY23 Roll Up - Please Check My Math  
**Importance:** Normal  
**Attachments:** Copy of 2023 - 2029 DRAFT 07.26.2022\_BPA initial questions (smith edits).xlsx; image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg

Hi Cheri,

I created a spreadsheet that has OM and ORR broken out and it looks at the percent change in FY (FY22 – FY23). I have looked at it several times and the numbers don't match the original Grand Totals in some sections.

Can you check the math?

And, it looks like OM went down and ORR in maintenance went up significantly. I've highlighted some other areas where we could dive into the details. It would be really great to get their actual expenditures for FY22 and add a couple of budget years before FY22 to get a trend for the various categories.

Thanks,

Glen

**Glen A. Smith**

Senior Policy Advisor | PG-5

[Bonneville Power Administration](#)

[gasmith@bpa.gov](mailto:gasmith@bpa.gov) | P 503-230-3105 | C (b)(6)



2023 - 2029 Routine (O&M and Special O&M)				Budget Year					
(Excludes Wages & Benefits)	2022	2023	% Change	2024	2025	2026	2027	2028	2029
<b>Fish &amp; Wildlife</b>	\$ 210,380	\$ 238,740	13%	\$ 137,300	\$ 340,600	\$ 909,700	\$ 903,480	\$ 726,570	\$ 249,850
General	\$ 1,004,700	\$ 1,094,460	9%	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680
Maintenance	\$ 1,767,950	\$ 1,333,900	-25%	\$ 1,054,900	\$ 856,600	\$ 904,600	\$ 704,300	\$ 2,376,800	\$ 1,853,900
Operations	\$ 307,040	\$ 262,600	-14%	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 95,000	\$ 95,000
Recreation	\$ 2,016,800	\$ 526,760	-74%	\$ 307,660	\$ 319,760	\$ 320,460	\$ 332,280	\$ 334,780	\$ 346,260
Taxes	\$ 65,100	\$ 65,100	0%	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
Training & Travel	\$ 215,650	\$ 135,910	-37%	\$ 129,060	\$ 91,400	\$ 90,300	\$ 82,300	\$ 80,700	\$ 80,700
Transmission	\$ 63,000	\$ 62,000	-2%	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000
Wheeling	\$ 768,000	\$ 791,000	3%	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000
<b>Grand Total</b>	\$ 6,418,620	\$ 4,510,470	-30%	\$ 7,731,620	\$ 12,303,360	\$ 13,922,150	\$ 8,226,250	\$ 7,742,080	\$ 6,671,110
<b>2023 - 2029 OR&amp;R</b>									
(Excludes Wages & Benefits)	2022	2023	% Change	2024	2025	2026	2027	2028	2029
<b>Fish &amp; Wildlife</b>	\$ -	\$ 955,000	100%	\$ 360,000	\$ 950,000	\$ 600,000	\$ -	\$ 550,000	\$ 150,000
Fleet	\$ 37,000	\$ 90,000	143%	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000
Maintenance	\$ 2,292,270	\$ 13,723,900	499%	\$ 3,037,000	\$ 7,281,000	\$ 8,276,000	\$ 3,125,000	\$ 1,072,000	\$ 1,350,000
Operations	\$ 75,400	\$ 105,000	39%	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 95,000	\$ 95,000
Recreation	\$ 1,600,000	\$ 220,000	86%	\$ 260,000	\$ -	\$ 273,000	\$ 501,000	\$ -	\$ -
<b>Grand Total</b>	\$ 8,846,290	\$ 15,093,900	71%	\$ 7,731,620	\$ 12,303,360	\$ 13,922,150	\$ 8,226,250	\$ 7,742,080	\$ 6,671,110
<b>Grand Total (All Items)</b>	\$ 15,264,910	\$ 19,604,370	28%						
Target (Proposed)		\$ 15,722,857							

2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year							
	2022	2023	2024	2025	2026	2027	2028	2029
<b>Fish &amp; Wildlife</b>	\$ 210,380	\$ 1,193,740	\$ 497,300	\$ 1,290,600	\$ 1,509,700	\$ 903,480	\$ 1,276,570	\$ 399,850
<b>O&amp;M</b>	\$ 210,380	\$ 238,740	\$ 137,300	\$ 340,600	\$ 909,700	\$ 903,480	\$ 726,570	\$ 249,850
American Fisheries Society (AFS) Membership		\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110
<b>CISPUS ADULT FISH SITE RELEASE ANALYSIS</b>		\$ 75,000						
Creel Study	\$ 18,000			\$ 50,000	\$ 20,000			
ESA BiOp Studies					\$ 748,000	\$ 758,000	\$ 580,000	\$ 100,000
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Fish Gate Position Indicators	\$ 32,000							
<b>Fishing Pond Sediment Removal</b>	\$ 30,000	\$ 30,000						
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,300	\$ 9,600	\$ 9,600	\$ 9,600
Kid's Trout Derby	\$ 5,400	\$ 5,600	\$ 5,600	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,000	\$ 6,200
Mitigation Trout Program	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000	\$ 51,000	\$ 53,000	\$ 53,000	\$ 55,000
Noxious Weed Control Contractor	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500	\$ 9,500	\$ 9,700	\$ 9,700	\$ 9,700
TPU Rearing Facilities Studies			\$ 150,000					
USGS Gauging Station Fees	\$ 41,600	\$ 42,640	\$ 43,700	\$ 44,800	\$ 45,900	\$ 46,980	\$ 48,070	\$ 49,150
Wildlife Society Membership	\$ 80	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90
<b>OR&amp;R</b>	\$ -	\$ 955,000	\$ 360,000	\$ 950,000	\$ 600,000		\$ 550,000	\$ 150,000
(CHAP) Comprehensive Habitat Action Plan - Wildlife Evaluation							\$ 550,000	\$ 150,000
Alternative Fishing Derby Site Development - Construction				\$ 600,000				
Alternative Fishing Derby Site Development - Design			\$ 200,000	\$ 50,000				
<b>Kiona Creek Enhancement</b>		\$ 120,000	\$ 120,000	\$ 750,000				
Man-Made Island Canal - Construction				\$ 150,000				
Man-Made Island Canal - Design		\$ 50,000						
Wildlife Meadows Unit #5			\$ 40,000					
<b>Wildlife Mitigation Land</b>	\$ -	\$ 785,000						
<b>Fleet</b>	\$ 37,000	\$ 90,000	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000
<b>OR&amp;R</b>	\$ 37,000	\$ 90,000	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000
Mower	\$ 22,000							
RT Fork Lift		\$ 85,000						
Side By Side			\$ 30,000	\$ 30,000				
Truck Box Crane		\$ 5,000						
Vehicle	\$ 15,000				\$ 38,000			
Vehicle for Replacement					\$ 45,000	\$ 83,000	\$ 45,000	\$ 45,000
Vehicle for Resource Worker			\$ 47,000					
<b>General</b>	\$ 1,004,700	\$ 1,094,460	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680
<b>Special O&amp;M</b>	\$ 1,004,700	\$ 1,094,460	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680
A&G Exhibit F	\$ 371,600	\$ 382,800	\$ 394,800	\$ 405,600	\$ 418,800	\$ 430,800	\$ 444,000	\$ 457,200
ASDSO - Government Membership	\$ -	\$ 50	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60
Auditing - Accountability	\$ 2,300	\$ 2,350	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900
Auditing - Financial	\$ 19,000	\$ 19,450	\$ 20,200	\$ 20,900	\$ 21,600	\$ 22,400	\$ 23,200	\$ 24,000
Budget Facilitator	\$ -							
CEATI - MEMBERSHIP	\$ 65,300	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 46,000	\$ 46,000
CEATI - PROJECTS	\$ 30,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000
Compliance Consultant	\$ 65,000	\$ 65,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 75,000
Document Management Software		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Document Scanning		\$ 5,000	\$ 5,000	\$ 5,000				
FERC Annual Fee	\$ 100,000	\$ 103,000	\$ 106,100	\$ 109,300	\$ 112,600	\$ 116,000	\$ 119,500	\$ 123,000
Fire District Payment	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,000	\$ 21,500	\$ 21,850	\$ 22,200
Infrastructure Grant Proposal (HDR)		\$ 50,000						
INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS	\$ 7,200	\$ 7,500	\$ 7,900	\$ 8,300	\$ 8,750	\$ 9,200	\$ 9,600	\$ 10,100
INSURANCE - EXCESS LIABILITY	\$ 25,000	\$ 26,000	\$ 27,000	\$ 28,000	\$ 29,000	\$ 30,000	\$ 31,000	\$ 32,000
INSURANCE - LIABILITY	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000
INSURANCE - PROPERTY	\$ 200,000	\$ 210,000	\$ 220,500	\$ 231,500	\$ 243,100	\$ 255,250	\$ 268,000	\$ 281,420

Since the adult fish program is managed by Tacoma, please explain Tacoma's role along with Lewis. For example, are you all cost sharing this effort? Please provide any agreements or MOU with Tacoma pertaining to this issue.

Expenditures would be helpful to answer this question. How much was done last year and what is remaining to be completed in FY23?

Need additional information for this project and associated costs and justification in a justification sheet.

Under legal review. BPA cannot support finding at this time.

2023 - 2029 CFP Budget Estimates (2022 for reference)										
	Budget Year									
	2022	2023	2024	2025	2026	2027	2028	2029		
<b>(Excludes Wages &amp; Benefits)</b>										
LEGAL SERVICES - B-OP & FERC ISSUES	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	
LEGAL SERVICES - GENERAL ISSUES	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	
<b>Long Range Plan Analysis</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	Please provide current LRP for BPA review and justification for necessity of perpetual costs.
NWHA Membership	\$ 800	\$ 1,000	\$ 1,000	\$ 1,200	\$ 1,200	\$ 1,400	\$ 1,400	\$ 1,400	\$ 1,600	
OFFICE SUPPLIES AND EXPENSES	\$ 9,300	\$ 9,300	\$ 9,600	\$ 9,600	\$ 9,900	\$ 9,900	\$ 10,200	\$ 10,200	\$ 10,200	
Records Clean Up		\$ 15,000								
<b>Maintenance</b>	<b>\$ 4,060,220</b>	<b>\$ 15,057,800</b>	<b>\$ 4,051,900</b>	<b>\$ 8,137,600</b>	<b>\$ 9,180,600</b>	<b>\$ 3,829,300</b>	<b>\$ 3,448,800</b>	<b>\$ 3,203,900</b>		
<b>O&amp;M</b>	<b>\$ 1,767,950</b>	<b>\$ 1,333,900</b>	<b>\$ 1,054,900</b>	<b>\$ 856,600</b>	<b>\$ 904,600</b>	<b>\$ 704,300</b>	<b>\$ 2,376,800</b>	<b>\$ 1,853,900</b>		
230 KV Circuit Maintenance				\$ 45,000					\$ 45,000	
ARC FLASH STUDY	\$ 35,000									
Automatic Transfer Switch Grouting	\$ 1,000									
AVR Testing					\$ 45,000					
<b>Bridge Sections Inspection &amp; Analysis</b>		<b>\$ 106,000</b>								Please provide reasoning for the bridge inspection for FY23. is it on a cyclic schedule that is best engineering practice or requirement?
Buffer Zone Management	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,600	\$ 3,600	\$ 3,600	
CAD Software Licensing	\$ 4,500	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	
Construction Management Software	\$ 12,000	\$ 7,600	\$ 7,600	\$ 7,800	\$ 7,800	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,200	
Contract Crane Inspections	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 16,000	\$ 16,000	\$ 16,000	
Contract Diesel Generator Maintenance	\$ 10,000	\$ 12,000	\$ 12,000	\$ 14,000	\$ 14,000	\$ 16,000	\$ 16,000	\$ 18,000	\$ 18,000	
Contract Drafting Services	\$ 50,000	\$ 50,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ 57,500	\$ 59,500	\$ 61,500	\$ 61,500	
Contract Maintenance Elevator	\$ 15,200	\$ 18,500	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,500	\$ 21,500	
Control Room / Office Area Repairs - Construction	\$ 586,030									
Control Room / Office Area Repairs - Design	\$ 7,500									
Control Room Paperless Recorders	\$ 42,000									
Dam Instrumentation	\$ 2,200	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	
Debris Barrier - Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debris Removal - Trash Rake Debris Box	\$ 6,000	\$ 6,200	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600	\$ 6,800	\$ 6,800	
Diesel Generator Connection to Spillway Gates 2 & 3	\$ 14,000									
Diesel Generator Load Bank	\$ 8,500									
Diving Services	\$ 16,500	\$ 16,500	\$ 17,000	\$ 17,000	\$ 17,500	\$ 17,500	\$ 18,000	\$ 18,000	\$ 18,000	
Drainage Pump			\$ 20,000							
Drainage Pump Handrail	\$ 2,500									
Drainage Sump Level Indication		\$ 3,500								
Drainage Sump Study		\$ 48,000								
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	
Electrical Parts	\$ 5,400	\$ 14,400	\$ 14,400	\$ 14,800	\$ 14,800	\$ 15,200	\$ 15,600	\$ 16,000	\$ 16,000	
Equipment Rental	\$ 17,000	\$ 17,000	\$ 18,000	\$ 18,000	\$ 19,000	\$ 19,000	\$ 20,000	\$ 20,000	\$ 20,000	
Equipment Watch Annual Fee		\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
FERC Part 12 Recommendations			\$ 125,000	\$ 150,000	\$ 150,000	\$ 175,000	\$ 175,000	\$ 200,000	\$ 200,000	
Forebay and Tailrace Level Sensor Replacement			\$ 45,000							
Fuel - Diesel Generator	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
Gantry Crane Jib Hoist Load Cell	\$ 15,000									
Generator Bus Boots	\$ 8,000									
Generator Oil Mist Piping	\$ 3,000									
Generator Parameter Validation Testing				\$ 120,000						
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	
Governor and Turbine Oil Replacement			\$ 225,000							
Governor Jockey Pump		\$ 4,000								
Governor Oil Sump Level Indication		\$ 5,000								
GSU Transformer #1 Metering CT Replacement	\$ 15,000									
GSU Transformer Maintenance	\$ 3,240			\$ 45,000						
GSU Transformer Oil Processing & Testing	\$ 165,780									
GSU Transformer Testing					\$ 45,000					
HVAC	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,800	\$ 3,800	\$ 3,800	
Inspect Upstream Coating Spillway Gate 4			\$ 60,000							
Instrumentation Parts	\$ 5,400	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	

2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year									
	2022	2023	2024	2025	2026	2027	2028	2029		
Investigate Draft Tube Liner Issues	\$ 25,000									
MAINTENANCE - LOG BRNC	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	
Maintenance - Unanticipated Dam Repairs	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Maintenance Management System	\$ 15,000	\$ 15,000	\$ 17,000	\$ 17,000	\$ 18,000	\$ 18,000	\$ 20,000	\$ 20,000		Are these costs the support contract for the software?
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	
Mechanical & Piping	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 13,000		
Mechanical Parts	\$ 10,600	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000		
Metal	\$ 10,000	\$ 13,000	\$ 13,000	\$ 14,000	\$ 14,000	\$ 14,500	\$ 14,900	\$ 15,300		
Mobile Crane Maintenance		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
North Rock Wall Scaling	\$ 75,000	\$ 150,000								Prior rock scaling was estimated to be good for 6-7 years. Please provide reasoning this cost expenditure is required in FY23
Oil Bearing Level Sensors - Unit 1		\$ 24,000								
Oil Bearing Level Sensors - Unit 2			\$ 24,000							
Oil Storage Tank Level Sensors		\$ 6,000								
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200		
Piezometer Pressure Transmitters	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000						
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000		
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200		
Protection & Control Support		\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000		Need more detail as for this line item.
Protective Relay Testing				\$ 55,000						
Recoat Top Deck Above Control Room	\$ 3,500									
Repaint Elevator Shaft Exterior	\$ 1,500									
Repaint Stairwell Interior	\$ 500									
Rotor Braided Jumpers	\$ 10,000									
Safety Equipment - Non PPE	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000		
Sandblast and Coat Draft Tube Platform Brackets	\$ 3,000									
SCADA Network Support	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700		
SCADA Support	\$ 120,000	\$ 200,000	\$ 120,000	\$ 124,000	\$ 128,000	\$ 132,000	\$ 136,000	\$ 140,000		What is the driver for the \$80k increase from FY22
Seismic Study	\$ 150,000									
Septic System Maintenance - Dam				\$ 4,000			\$ 4,000			
Service Air Compressor	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000		
Service Water System Design	\$ 2,500									
Service Water System Rehabilitation		\$ 45,000								
Sluice Gate Bulkhead Seals - Replacement		\$ 2,500								
SMAG Power Connection & Cable	\$ 4,500									
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 3,000	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,800	\$ 3,800	\$ 4,200		
Spillway Gate 4 Bottom Seal Repair			\$ 80,000							
Spillway Gate Finite Element Analysis		\$ 90,000								
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000		
Steel Structures & Equipment: Coating							\$ 600,000			
Structure Maintenance: Concrete, Fencing		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Temporary Offices	\$ -	\$ 230,000	\$ 72,000	\$ 72,000	\$ 72,000					What are these offices for? Why the large charge in FY23 and assuming that they will be leased?
Tools & Equipment - Operations	\$ 15,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000		
Transformer Oil Processing & Testing		\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000		
Trunnion Friction Testing	\$ 65,000									
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000		
Turbine Oil Level Indication		\$ 15,000								
Turbine Shaft Seals	\$ 30,000	\$ 30,000								
Unit 1 Major Inspection & Cleaning								\$ 500,000		
Unit 1 Turbine Hub & Discharge Ring Recoating								\$ 600,000		
Unit 2 Major Inspection & Cleaning							\$ 500,000			
Unit 2 Turbine Hub & Discharge Ring Recoating							\$ 600,000			
Unit Control Board Meter Replacement	\$ 42,000									
Unit Turbine Gage Board Inputs into SCADA - Design	\$ 4,000									
Upper Guide Bearing Oil Sample Ports		\$ 4,000								
Warehouse Repairs	\$ 64,000									
<b>OR&amp;R</b>	<b>\$ 2,292,270</b>	<b>\$ 13,723,900</b>	<b>\$ 3,037,000</b>	<b>\$ 7,281,000</b>	<b>\$ 8,276,000</b>	<b>\$ 3,125,000</b>	<b>\$ 1,072,000</b>	<b>\$ 1,350,000</b>		



2023 - 2029 CFP Budget Estimates (2022 for reference)	Budget Year									
	(Excludes Wages & Benefits)	2022	2023	2024	2025	2026	2027	2028	2029	
5-Ton Bridge Crane	\$ 490,000	\$ 865,000								Updated JS required.
Battery Bank Replacement		\$ 80,000								
Battery Chargers		\$ 60,000								
Boat Barrier Replacement - Alternative Analysis	\$ 35,000									
Boat Barrier Replacement - Design	\$ 41,375	\$ 80,000								
Boat Barrier Replacement - Installation		\$ 1,800,000								Updated JS required.
Debris Barrier Coating & Cathodic Protection - Construction		\$ 3,680,800								
Debris Barrier Coating & Cathodic Protection - Design	\$ 60,000									
Downstream Boat Ramp			\$ 200,000	\$ 50,000						
Downstream Notification Siren - Design		\$ 10,000								
Downstream Notification Siren - Installation		\$ -	\$ 40,000							
Drainage Gallery Air Supply - Alternative Analysis		\$ 60,000								
Drainage Gallery Air Supply - Design			\$ 145,000							
Drainage Gallery Air Supply - Installation				\$ 450,000						
Drainage Sump Oil Skimmer - Design						\$ 45,000				
Drainage Sump Oil Skimmer - Installation							\$ 150,000			
Elevator Controls - Design		\$ 60,000								
Elevator Controls - Installation			\$ 125,000							
Elevator Roof Access - Design	\$ 10,000									
Elevator Roof Access - Installation		\$ 25,000								
Exciter Brush Dust Vacuum System	\$ 92,200									
Exciter Replacement - Design			\$ 125,000							
Exciter Replacement - Phase I				\$ 250,000						
Exciter Replacement - Phase II						\$ 700,000				
Fire Detection System Upgrade							\$ 42,000			
Gantry Crane Controls and Drive Upgrade - Design					\$ 150,000					
Gantry Crane Controls and Drive Upgrade - Upgrades							\$ 600,000			
Generator Cooling Water Refurbishment			\$ 78,000							
Generator Hatch Cover Seals & Drains	\$ 25,000	\$ 215,000								Updated JS required
Generator Protective Relay Replacement - Design		\$ 100,000								Updated JS required
Generator Protective Relay Replacement - Installation			\$ 50,000							
HVAC AH-1 Replacement Office Area		\$ 50,000								
Intake Gate Slot Cover - Alternative Analysis							\$ 100,000	\$ 150,000		
Lathe	\$ 18,000									
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000									
New Facility - Construction				\$ 1,200,000	\$ 2,000,000					
New Facility - Design			\$ 180,000	\$ 100,000						
New Facility - Site Preparation	\$ 60,000	\$ 1,068,100								Updated JS required
Plant Auxiliary Equipment Inputs into SCADA - Design			\$ 8,000							
Plant Auxiliary Equipment Inputs into SCADA - Installation				\$ 38,000						
Revenue Meters	\$ 24,000									
Roadway Gates	\$ 12,000	\$ 18,000								
Roadway Lighting	\$ 20,000									
Service Water VFD & Controls Replacement		\$ 16,000								
Sluice Gate Replacement - CFD & Physical Model Design	\$ 115,605									
Sluice Gate Replacement - Construction 1			\$ 1,200,000							
Sluice Gate Replacement - Construction 2				\$ 1,400,000						
Sluice Gate Replacement - Construction 3					\$ 5,536,000					
Sluice Gate Replacement - Design 1	\$ 372,000									
Sluice Gate Replacement - Design 2		\$ 867,700								Updated JS required
Sonar & Turbidity Sensors	\$ 25,000									
South Downstream Abutment Wall Handrail	\$ 27,000									
South Well Pump			\$ 3,000							
Spillway 1 Apron Repairs						\$ 300,000				
Spillway 1 Apron Repairs - Alternative Analysis			\$ 60,000							
Spillway 1 Apron Repairs - Design				\$ 90,000						

2023 - 2029 CFP Budget Estimates (2022 for reference)	Budget Year									
	2022	2023	2024	2025	2026	2027	2028	2029		
(Excludes Wages & Benefits)										
Spill way 4 Gate Uplift Anchoring				\$ 250,000						
<b>Spill way 4 Rail Extension - Construction</b>		\$ 3,768,300	\$ -							Updated JS required
Spill way 4 Rail Extension - Design	\$ 330,025									
Spill way Gate Control - Alternative Analysis		\$ 50,000								
Spill way Gate Control - Design			\$ 200,000							
Spill way Gate Control - Installation				\$ 75,000						
Spill way Gate Hoist Covers - Construction	\$ 95,000									
Spill way Gate Hoist Covers - Design	\$ 25,000									
Spill way Gate Structural Reinforcement				\$ 500,000						
Spill way Handrail & Guardrail	\$ 226,585									
Station Air Compressor Replacement							\$ 60,000			
Station Service cabinet Inputs into SCADA - Design		\$ 4,000								
Station Service cabinet Inputs into SCADA - Installation			\$ 16,000							
Station Service Circuit Breaker Replacement - Alternative Analysis						\$ 60,000				
Station Service Circuit Breaker Replacement - Design							\$ 120,000			
Station Service Circuit Breaker Replacement - Installation								\$ 1,200,000		
Surge Arrestor Replacement						\$ 70,000				
Tailrace Repairs & Improvements - Alternative Analysis			\$ 60,000							
Tailrace Repairs & Improvements - Design				\$ 250,000						
Tailrace Repairs & Improvements - Installation						\$ 2,000,000				
<b>Transmission Line Access - Bridge Replacement</b>		\$ 275,000	\$ -	\$ -	\$ -					JS required
Trash Rake - Alternative Analysis	\$ 86,850									
Trash Rake Construction			\$ 700,000	\$ 1,070,000						
Trash Rake Design		\$ 191,000								
Trash Removal System - Alternative Analysis	\$ 76,630									
Trash Removal System - Construction			\$ -	\$ 1,700,000						
Trash Removal System - Design		\$ 300,000	\$ 50,000							
Unit Instrumentation - Alternative Analysis		\$ 45,000								
Unit Instrumentation - Design			\$ 45,000							
Unit Instrumentation - Installation				\$ 200,000						
Unit Turbine Gage Board Inputs into SCADA - Installation		\$ 35,000								
<b>Operations</b>	\$ 405,440	\$ 424,900	\$ 373,040	\$ 375,940	\$ 380,880	\$ 381,580	\$ 396,020	\$ 401,620		
<b>O&amp;M</b>	\$ 291,040	\$ 262,600	\$ 230,640	\$ 233,440	\$ 238,280	\$ 238,880	\$ 242,820	\$ 248,320		
1D Sediment Transport Study	\$ 100,000									
Advertising - Dam	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200		
CFP Cell Phones	\$ 1,600	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400		
CFP Telephones	\$ 7,000	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800		
CFP Vehicle Verizon Connect	\$ 540	\$ 2,300	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900		
COMMUNICATIONS - RADIOS, ETC	\$ 7,900	\$ 8,100	\$ 8,100	\$ 8,100	\$ 8,300	\$ 8,400	\$ 8,400	\$ 8,400		
Communications Fiber - User Fee	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500		
Computer & Supplies	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000		
Dam Safety Consultant	\$ 62,000	\$ 64,000	\$ 66,000	\$ 68,000	\$ 70,000	\$ 72,000	\$ 74,000	\$ 76,000		
Electric Utilities - Secondary Power Feed	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400	\$ 12,400	\$ 12,400	\$ 12,800	\$ 12,800		
Fall Protection Equipment	\$ 6,000	\$ 6,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 1,000	\$ 4,000		
FERC Dam Movement Survey	\$ 8,400	\$ 8,800	\$ 8,800	\$ 9,000	\$ 9,000	\$ 9,200	\$ 9,200	\$ 9,400		
FR Clothing - CFP	\$ 9,500	\$ 9,500	\$ 10,000	\$ 10,000	\$ 10,500	\$ 10,500	\$ 11,500	\$ 11,500		
GARBAGE SERVICE - OPERATIONS	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700		
Operator Remots SCADA Communications	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,200	\$ 9,200		
Operator Supplies - Dam	\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
Portable Restrooms - Dam	\$ -									
Respirator Fit Testing	\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
Rope Access Gear	\$ 3,000	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500		
Security/Plant Locks	\$ 300	\$ 300	\$ 340	\$ 340	\$ 380	\$ 380	\$ 420	\$ 420		
Sedimentation Report		\$ 50,000								
Sedimentation Report Annual Updates		\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		
Sedimentation Survey	\$ 5,200	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,000	\$ 6,200	\$ 6,200	\$ 6,400		

2023 - 2029 CFP Budget Estimates (2022 for reference)	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
(Excludes Wages & Benefits)									
Shelving & Furniture	\$ 7,000								
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	
<b>OR&amp;R</b>	<b>\$ 75,400</b>	<b>\$ 105,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 85,000</b>	<b>\$ 95,000</b>	<b>\$ 95,000</b>	
Major Office & Network Equipment	\$ 25,400	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	
Security Improvements	\$ 50,000	\$ 80,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 70,000	\$ 70,000	
Special O&M	\$ 39,000	\$ 57,300	\$ 57,400	\$ 57,500	\$ 57,600	\$ 57,700	\$ 58,200	\$ 58,300	
<b>CF Vehicle and Equipment Fuel</b>	<b>\$ 16,000</b>	<b>\$ 31,200</b>	<b>\$ 31,200</b>	<b>\$ 31,200</b>	<b>\$ 31,200</b>	<b>\$ 31,200</b>	<b>\$ 31,200</b>	<b>\$ 31,200</b>	Why has cost doubled from FY22?
CF Vehicle Maintenance	\$ 12,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	
CONSUMABLE SUPPLIES - FIRST AID	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	
CONSUMABLE SUPPLIES - JANITORIAL	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	
CONSUMABLE SUPPLIES - SAFETY & PPE	\$ 6,500	\$ 6,600	\$ 6,700	\$ 6,800	\$ 6,900	\$ 7,000	\$ 7,100	\$ 7,200	
<b>Recreation</b>	<b>\$ 2,016,800</b>	<b>\$ 526,760</b>	<b>\$ 567,660</b>	<b>\$ 319,760</b>	<b>\$ 593,460</b>	<b>\$ 833,280</b>	<b>\$ 334,780</b>	<b>\$ 346,260</b>	
<b>O&amp;M</b>	<b>\$ 416,800</b>	<b>\$ 306,760</b>	<b>\$ 307,660</b>	<b>\$ 319,760</b>	<b>\$ 320,460</b>	<b>\$ 332,280</b>	<b>\$ 334,780</b>	<b>\$ 346,260</b>	
Advertising	\$ 3,000	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	
Boat Launch Sediment Removal	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	
Campground Fire Pits Graveling	\$ 500								
Campground Hosts	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 150,000	\$ 155,000	
Campground Internet	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600	
Campground Reservation Software	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,600	\$ 5,600	
Campground Restroom Improvements	\$ 30,000								
Campground Telephone	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,700	\$ 1,700	
Campground Wood Chips	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	
Contract Septic and Water Services	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	
Contract Services (Backhoe, Gravel)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,900	\$ 2,900	
D-Loop Electrical Design & Feed Replacements	\$ 30,000								
Electric Utilities	\$ 6,400	\$ 11,500	\$ 11,700	\$ 11,900	\$ 12,100	\$ 12,300	\$ 12,500	\$ 12,700	
EQUIPMENT REPAIRS - PARK	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700	\$ 3,700	\$ 3,700	\$ 4,200	\$ 4,200	
GARBAGE SERVICE - RECREATION	\$ 6,400	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,900	\$ 6,900	\$ 6,900	
Group B Annual Operating Fee - Falls Road Well	\$ -	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	
MAINTENANCE - GROUND	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600	
MAINTENANCE - SEWER & WATER SYSTEM	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	
Noxious Weed Control	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,500	\$ 6,500	
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,400	\$ 2,400	
Port Blakely Road Access Agreement	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	
Port Blakely Road Maintenance	\$ 13,500	\$ 13,500	\$ 14,000	\$ 14,000	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500	
Portable Restrooms	\$ 2,300	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	
Potable Water and Septic System Testing	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,400	\$ 2,400	
Recreation Assessment	\$ 90,000								
Recreation Tree Removal	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Repairs & Supplies	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,900	\$ 12,900	
Septic System Maintenance - Recreation	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ -	\$ 6,000	
Sign Replacements	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,600	\$ 2,600	\$ 2,720	\$ 2,720	\$ 2,800	
Tools & Equipment - Recreation	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600	\$ 3,800	
<b>OR&amp;R</b>	<b>\$ 1,600,000</b>	<b>\$ 220,000</b>	<b>\$ 260,000</b>		<b>\$ 273,000</b>	<b>\$ 501,000</b>		<b>\$ -</b>	
<b>Campground &amp; Day Use Park Paving</b>		<b>\$ 150,000</b>			<b>\$ 164,000</b>			<b>\$ -</b>	Are these costs based on estimates?
Campground A Loop Restroom - Design		\$ 60,000							
Campground A Loop Restroom - Installation			\$ 260,000						
Campground Electrical Replacement - Design				\$ 64,000					
Campground Electrical Replacement - Installation					\$ 322,000				
Campground Storage Building - Design				\$ 45,000					
Campground Storage Building - Installation					\$ 179,000				
Copper Canyon Take Out Site Improvements	\$ 1,600,000								
Day Use Park Flat Water Kayak Take Out		\$ 10,000							
<b>Taxes</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	

2023 - 2029 CFP Budget Estimates (2022 for reference)									
(Excludes Wages & Benefits)	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
<b>O&amp;M</b>	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
<b>Training &amp; Travel</b>	\$ 215,650	\$ 135,910	\$ 129,060	\$ 91,400	\$ 90,300	\$ 82,300	\$ 80,700	\$ 80,700	\$ 80,700
<b>O&amp;M</b>	\$ 191,850	\$ 109,110	\$ 112,760	\$ 67,100	\$ 63,500	\$ 64,500	\$ 50,000	\$ 50,000	\$ 50,000
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500
American Governor School		\$ 8,000	\$ 8,000						
ASDSO Conference	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
AVO Circuit Breaker Maintenance			\$ 5,000						
AVO Electrical Series	\$ 4,350	\$ 4,350							
AVO Substation Maintenance I		\$ 5,000	\$ 5,000						
AVO Thermography I		\$ 5,000							
AVO Thermography II			\$ 5,000	\$ 5,000	\$ 5,000				
CEATI - ANNUAL MEETING	\$ 3,000	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500
CEATI - ASSET Management Meeting		\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
CEATI - DSG MEETING	\$ 2,200	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400
CEATI - HFEIG MEETING		\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400
CEATI - HFLIG MEETING	\$ 2,800								
EPTC Fundamentals of Electricity	\$ 7,200								
EPTC Generation Series	\$ 3,600								
EPTC Power Plant Operation		\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection		\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
EPTC Switching & Grounding		\$ 7,000	\$ 7,000						
EPTC System Operations Personal Grounding	\$ 1,260	\$ 1,260	\$ 1,260						
EPTC Transmission Series	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600					
IISI Online Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
HydroVision	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
NW Hydro Forum	\$ 800	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600
NWHA - ANNUAL MEETING	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
NWHA - WORKSHOP	\$ 500	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
NWPPA - LEADERSHIP TRAINING	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
OPERATOR TRAINING DEVELOPMENT 2022	\$ 130,000								
TPC - ELECTRICAL WORKSHOP	\$ 4,350	\$ 6,000	\$ 3,000						
TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING	\$ 2,390	\$ 2,400	\$ 2,400						
TRAINING - CRANE		\$ 4,000	\$ 6,000			\$ 6,000			
TRAINING - MANLIFT/FORKLIFT			\$ 4,000						
TRAINING - PESTICIDE APPLICATION	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600
TRAINING - WATER & WASTEWATER	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Wildlife Classes	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000					
<b>Special O&amp;M</b>	\$ 23,800	\$ 26,800	\$ 16,300	\$ 24,300	\$ 26,800	\$ 17,800	\$ 30,700	\$ 30,700	\$ 30,700
ARC FLASH TRAINING		\$ 3,000					\$ 3,000		
NWPPA - ADMIN ASST TRAINING	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400
TRAINING - COMPUTER	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Training - Confined Space		\$ 8,000			\$ 10,000			\$ 11,000	
TRAINING - FALL PROTECTION	\$ 8,000			\$ 8,000			\$ 8,000		
TRAINING - ROPE ACCESS	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 9,000	\$ 10,000	\$ 10,000	\$ 10,000
WPUDA - ADMIN ROUNDTABLE	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 800	\$ 800	\$ 800
WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING	\$ 4,000	\$ 4,000	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 5,500	\$ 5,500	\$ 5,500
<b>Transmission</b>	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
<b>O&amp;M</b>	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 3,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000				
<b>Wheeling</b>	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000
Wheeling	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000

2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
Transmission Wheeling - Offnet Entry	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	
<b>Grand Total</b>	<b>\$ 8,846,290</b>	<b>\$ 19,441,670</b>	<b>\$ 7,731,620</b>	<b>\$ 12,303,360</b>	<b>\$ 13,922,150</b>	<b>\$ 8,226,250</b>	<b>\$ 7,742,080</b>	<b>\$ 6,671,110</b>	







































This image shows a large table with a white background and a vertical center line. The table is divided into two columns. There are horizontal grid lines throughout, and five rows are highlighted in yellow, spaced vertically. The rest of the table is empty.

































The image shows a large rectangular area that has been redacted. It consists of a grid of horizontal and vertical lines, typical of a spreadsheet or a table. Several thick, bright yellow horizontal bars have been placed across the grid, completely obscuring the data in those rows. The bars are positioned at approximately the 15th, 25th, 35th, 45th, and 65th rows from the top of the grid. The rest of the grid is empty, showing only the grid lines.






















A large table with multiple rows and columns. Two rows are highlighted in yellow. The table is empty of text.






**From:** Brad Ford  
**Sent:** Thu Nov 03 18:37:40 2022  
**To:** Smith,Glen A (BPA) - PG-5; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Boyles,Michael D (BPA) - TENF-CSB-2  
**Cc:** Nichole Lantau; Joe First  
**Subject:** [EXTERNAL] CFP Budget  
**Importance:** Normal  
**Attachments:** 2023 CFP Direct Labor\_08.18.2022.pdf; 2023 CFP Support Labor\_08.18.2022.pdf; 2023 CFP Direct Labor\_11.03.2022.pdf; 2023 CFP Support Labor\_11.03.2022.pdf; 2023 Budget Wages Bene (R) Detail\_11.03.2022.pdf; 2023 Budget Revisions\_11.03.2022.pdf

Hello,

Attached for review and discussion:

- \* 2023 Original Direct & Support Labor
- \* 2023 Revised Direct & Support Labor
- \* 2023 Budget Revised Labor
- \* Budget Revisions

Thanks,  
Brad  
360.740.2417

**Brad Ford**

Chief Financial Officer | Lewis County PUD | [www.lcpud.org](http://www.lcpud.org)  
o:(360) 748-9261 | d:(360) 740-2417 | e:[bradf@lcpud.org](mailto:bradf@lcpud.org)  
321 NW Pacific Ave | PO Box 330 | Chehalis, WA 98532-0330

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**Cowlitz Falls Direct Labor Report**

<b>FY 2023</b>	<b>Positions</b>	<b>Hours</b>	<b>Wages</b>	<b>Benefits</b>	<b>Taxes</b>	<b>Total Cost</b>
<b>CF</b>						
Generation Manager	1	2,080	\$ 157,620	\$ 46,863	\$ 12,058	\$ 216,541
Generation Superintendent	2	4,160	\$ 273,980	\$ 107,472	\$ 20,959	\$ 402,411
Recreation & Wildlife Supervisor	1	2,080	\$ 106,217	\$ 40,767	\$ 8,126	\$ 155,109
Resource Worker	1	2,080	\$ 89,581	\$ 50,215	\$ 6,853	\$ 146,649
Resource Worker - Lead	1	2,080	\$ 98,386	\$ 41,940	\$ 7,527	\$ 147,852
Summer Seasonal	4	2,400	\$ 53,694	\$ 2,820	\$ 4,108	\$ 60,621
Project Engineer	2	4,160	\$ 219,792	\$ 95,929	\$ 16,814	\$ 332,536
Fish & Wildlife Technician	1	2,080	\$ 84,464	\$ 40,289	\$ 6,462	\$ 131,214
CF Admin Assistant	1	2,080	\$ 71,710	\$ 45,995	\$ 5,486	\$ 123,191
Journeyman Operator - Maintenance	4	8,320	\$ 459,134	\$ 212,816	\$ 35,124	\$ 707,074
Sr Journeyman Operator - Maintenance	1	2,080	\$ 129,139	\$ 54,907	\$ 9,879	\$ 193,925
<b>Grand Total</b>		<b>33,600</b>	<b>\$ 1,743,717</b>	<b>\$ 740,013</b>	<b>\$ 133,394</b>	<b>\$ 2,617,124</b>

**Cowlitz Falls Direct Labor Report**

<u>FY 2023</u>	<u>Positions</u>	<u>Hours</u>	<u>Wages</u>	<u>Benefits</u>	<u>Taxes</u>	<u>Total Cost</u>
<b>CF</b>						
Generation Manager	1	2,080	\$ 157,620	\$ 46,863	\$ 12,058	\$ 216,541
Generation Superintendent	2	4,160	\$ 273,980	\$ 107,472	\$ 20,959	\$ 402,411
Recreation & Wildlife Supervisor	1	2,080	\$ 106,217	\$ 40,767	\$ 8,126	\$ 155,109
Resource Worker	1	2,080	\$ 89,581	\$ 50,215	\$ 6,853	\$ 146,649
Resource Worker - Lead	1	2,080	\$ 98,386	\$ 41,940	\$ 7,527	\$ 147,852
Summer Seasonal	4	2,400	\$ 53,694	\$ 2,820	\$ 4,108	\$ 60,621
Project Engineer	1	2,080	\$ 116,208	\$ 44,053	\$ 8,890	\$ 169,152
CF Admin Assistant	1	2,080	\$ 71,710	\$ 45,995	\$ 5,486	\$ 123,191
Journeyman Operator - Maintenance	4	8,320	\$ 459,134	\$ 212,816	\$ 35,124	\$ 707,074
Sr Journeyman Operator - Maintenance	1	2,080	\$ 129,139	\$ 54,907	\$ 9,879	\$ 193,925
<b>Grand Total</b>		<b>29,440</b>	<b>\$ 1,555,668</b>	<b>\$ 647,848</b>	<b>\$ 119,009</b>	<b>\$ 2,322,525</b>

Original	\$ 1,743,717
F&W Tech	\$ (84,464)
Proj Eng	\$ (103,585)
<b>Revised</b>	<b>\$ 1,555,668</b>



<b>TOTAL CFP SUPPORT</b>	<b>\$ 724,700</b>	<b>\$ 506,200</b>	<b>\$ 1,230,900</b>
Commissioners - CFP	\$ 18,900	\$ 13,200	\$ 32,100
2023	\$ 705,800	\$ 493,000	\$ 1,198,800

<b>2023 CFP Support *Excluding Commissioners</b>					
	<b>Year</b>	<b>%</b>	<b>Wages</b>	<b>O/H</b>	<b>Wage &amp; O/H</b>
<b>ACCT</b>					
CFO	2023	15.0%	\$ 25,692	\$ 17,946	\$43,638
Controller	2023	12.5%	\$ 18,812	\$ 13,140	\$31,953
Financial Analyst	2023	10.0%	\$ 9,724	\$ 6,792	\$16,516
Procurement and Contract Supervisor	2023	50.0%	\$ 55,536	\$ 38,792	\$94,328
Purchasing Buyer	2023	30.0%	\$ 32,241	\$ 22,520	\$54,761
Purchasing Buyer (CFP)	2023	70.0%	\$ 54,457	\$ 38,038	\$92,495
Senior Accountant	2023	10.0%	\$ 11,301	\$ 7,894	\$19,196
Staff Accountant (CFP)	2023	100.0%	\$ 71,602	\$ 50,014	\$121,617
Staff Accountant I	2023	15.0%	\$ 9,161	\$ 6,399	\$15,559
Staff Accountant II	2023	5.0%	\$ 3,520	\$ 2,459	\$5,978
<b>ADMIN</b>					
Administrative Assistant	2023	5.0%	\$ 3,237	\$ 2,261	\$5,498
Executive Assistant	2023	5.0%	\$ 4,526	\$ 3,162	\$7,688
General Manager	2023	25.0%	\$ 62,792	\$ 43,860	\$106,653
<b>ENG</b>					
Engineering Manager	2023	15.0%	\$ 26,339	\$ 18,398	\$44,738
Engineering Technical Services Supervisor	2023	2.0%	\$ 2,283	\$ 1,594	\$3,877
GIS Technician	2023	1.0%	\$ 681	\$ 475	\$1,156
System Engineering Supervisor	2023	2.0%	\$ 2,677	\$ 1,870	\$4,547
Utilities Specialist	2023	2.0%	\$ 2,324	\$ 1,623	\$3,948
<b>HR</b>					
HR Generalist	2023	15.0%	\$ 12,284	\$ 8,581	\$20,865
HR Manager	2023	15.0%	\$ 22,241	\$ 15,536	\$37,777
Payroll and HR Specialist	2023	15.0%	\$ 9,338	\$ 6,522	\$15,860
<b>IS</b>					
Information Technology Supervisor	2023	15.0%	\$ 18,130	\$ 12,664	\$30,795
IS & Telecom Manager	2023	15.0%	\$ 22,361	\$ 15,619	\$37,980
IT Technician	2023	50.0%	\$ 63,888	\$ 44,625	\$108,513
Network Administrator II	2023	15.0%	\$ 12,450	\$ 8,696	\$21,147
Records Retention Specialist	2023	50.0%	\$ 35,639	\$ 24,894	\$60,533
Sr Database Administrator	2023	15.0%	\$ 16,904	\$ 11,807	\$28,711
<b>OPS</b>					
Line Superintendent	2023	3.5%	\$ 10,277	\$ 7,178	\$17,455
Mechanic	2023	3.0%	\$ 6,226	\$ 4,349	\$10,575
Mechanic Foreman	2023	3.0%	\$ 3,502	\$ 2,446	\$5,948
Operations Admin Asst	2023	2.0%	\$ 1,187	\$ 829	\$2,016
Operations Manager	2023	2.0%	\$ 3,323	\$ 2,321	\$5,645
Operations Superintendent	2023	2.0%	\$ 2,491	\$ 1,740	\$4,231
Safety Superintendent	2023	20.0%	\$ 25,523	\$ 17,828	\$43,350
Tree Supervisor	2023	2.0%	\$ 2,199	\$ 1,536	\$3,736
<b>ES</b>					
Business Services Manager	2023	12.5%	\$ 15,433	\$ 10,780	\$26,213
<b>PS</b>					
Manager of Power Planning	2023	12.5%	\$ 22,505	\$ 15,720	\$38,225
Power Analyst I	2023	2.5%	\$ 2,994	\$ 2,091	\$5,085
<b>Grand Total</b>	<b>2023</b>		<b>\$ 705,802</b>	<b>\$ 493,003</b>	<b>\$1,198,805</b>

Original	\$ 735,794
GIS Tech/Analyst	\$ (182)
CF Network Admin I	\$ (62,150)
Network Supervisor	\$ (16,185)
IT Technician	\$ 30,590
Info Tech Supervisor	\$ 18,130
Oper Admin Asst	\$ (195)
<b>Revised</b>	<b>\$ 705,802</b>

**From:** Brad Ford  
**Sent:** Thu Aug 18 13:20:24 2022  
**To:** Smith,Glen A (BPA) - PG-5; Sonoda,Cherie D (BPA) - PGAC-RICHLAND  
**Cc:** Nichole Lantau; Joe First  
**Subject:** [EXTERNAL] DRAFT - CFP 2023/2024 Budget  
**Importance:** Normal  
**Attachments:** 2023 - 2024 CFP Budget.pdf; 2023 CFP Direct Labor.pdf; 2024 CFP Direct Labor.pdf; 2023 CFP Support Labor.pdf; 2024 CFP Support Labor.pdf

Hi Glen and Cherie,

Attached for your review is the DRAFT of the CFP 2023/2024 Budget (including wages/benefits and revenues), 2023/2024 Direct Labor and 2023/2024 Support Labor.  
Sorry for the delay in forwarding - looking forward to our discussion tomorrow.

Thank you,  
Brad  
360.740.2417

---

### Brad Ford

Chief Financial Officer | Lewis County PUD | [www.lcpud.org](http://www.lcpud.org)  
o:(360) 748-9261 | d:(360) 740-2417 | e:[bradf@lcpud.org](mailto:bradf@lcpud.org)  
321 NW Pacific Ave | PO Box 330 | Chehalis, WA 98532-0330

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Sum of Budget Amount	Budget Year	
	2022 R1	2023
<b>O&amp;M</b>	\$ 113,360	\$ 123,500
<b>Wage, Benefits, &amp; Taxes</b>	\$ 113,360	\$ 123,500
OT Taxes	\$ 4,100	\$ 4,500
Social Security Medicare	\$ 109,260	\$ 119,000
Social Security Medicare - F&W Tech	\$ -	
<b>Special O&amp;M</b>	\$ 3,113,450	\$ 3,588,950
<b>Wage, Benefits, &amp; Taxes</b>	\$ 3,113,450	\$ 3,588,950
Employee Medical Insurance	\$ 387,700	\$ 445,800
Employee Medical Insurance - F&W Tech	\$ -	
Employer PERS	\$ 136,860	\$ 156,100
Employer PERS - F&W Tech	\$ -	
ES Support Overhead	\$ 400,300	\$ 506,200
ES Support Overhead - IS/IT	\$ -	
ES Support Overhead - Purchasing	\$ -	
ES Support Wages	\$ 572,740	\$ 724,700
ES Support Wages - IS/IT	\$ -	
ES Support Wages - Purchasing	\$ -	
Flu Shot Clinics	\$ 400	\$ 400
L&I - Employer	\$ 18,800	\$ 22,800
L&I - Employer - F&W Tech	\$ -	
Long Term Disability	\$ 3,540	\$ 4,100
Long Term Disability - F&W Tech	\$ -	
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000	\$ 5,000
Misc Pension & Benefits, CDL, Medical Exam, etc - F&W Tech	\$ -	
OT Benefits	\$ 8,900	\$ 7,400
OT Wages	\$ 53,400	\$ 59,100
Paid Family Leave Benefit	\$ 2,540	\$ 3,050
Paid Family Leave Benefit - F&W Tech	\$ -	
PCORI ACA Requirement	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 5,000
PL to VEBA Cash Out	\$ 5,000	\$ 16,000
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000	\$ 20,000
Short Term Disability	\$ 2,000	\$ 2,000
Short Term Disability - F&W Tech	\$ -	
Standby Pay	\$ 38,300	\$ 39,500
Term Insurance Benefit	\$ 1,240	\$ 1,000
Term Insurance Benefit - F&W Tech	\$ -	
VEBA Benefit	\$ 13,350	\$ 15,000
VEBA Benefit - F&W Tech	\$ -	
Wages	\$ 1,428,280	\$ 1,555,700
Wages - F&W Tech	\$ -	
<b>Grand Total</b>	\$ 3,226,810	\$ 3,712,450

**From:** Brad Ford  
**Sent:** Wed Nov 16 18:05:31 2022  
**To:** Maithreyi Shankar; Nichole Lantau; Joe First; Michelle Holmes; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Smith,Glen A (BPA) - PG-5; Boyles,Michael D (BPA) - PGAC-6; Kevin Price  
**Subject:** [EXTERNAL] RE: \*\*EXTERNAL EMAIL\*\* 2023 Budget Discussion - 11.17.22 Agenda  
**Importance:** Normal  
**Attachments:** 2023 Budget Summary\_11.16.2022.pdf; 2023 Budget Detail\_11.16.2022.pdf; 2023 Budget ORR\_11.16.2022.pdf; 2023 Budget Reimbursement Schedule\_11.16.2022.pdf; 2023 Budget Revisions\_11.16.2022.pdf; 2023 Budget Direct Labor\_11.16.2022.pdf; 2023 Budget Support Labor\_11.16.2022.pdf

Hello,

Attached is a revised, complete, Draft 2023 Budget and an updated revision tracking to assist with the reconciliation.

Looking forward to our meeting on Thursday afternoon.

Thank you,  
Brad  
360.740.2417

**From:** Maithreyi Shankar <maithreyi.shankar@propeller.com>  
**Sent:** Wednesday, November 16, 2022 4:10 PM  
**To:** Nichole Lantau <Nicholel@lcpud.org>; Brad Ford <bradf@lcpud.org>; Joe First <joeff@lcpud.org>; Michelle Holmes <michelleh@lcpud.org>; Sonoda,Cherie D (BPA) - PGAC-RICHLAND <csonoda@bpa.gov>; Smith,Glen A (BPA) - PG-5 <gasmith@bpa.gov>; Boyles,Michael D (BPA) - TENF-CSB-2 <mdboyles@bpa.gov>; Kevin Price <kevin.price@propeller.com>  
**Subject:** \*\*EXTERNAL EMAIL\*\* 2023 Budget Discussion - 11.17.22 Agenda

**CAUTION! This email originated from outside the organization please do not click links or open attachments unless you recognize the sender and know the content is safe!**

Hi Team,  
Attached is the Agenda for tomorrow's budget meeting!  
Priority #1 is reviewing the timeline and next steps for the 2023 Budget (Approved Items), and then we will focus on Support Staffing Methodology and create a plan for resolution.

Best,  
Maithreyi

Maithreyi Shankar

Consultant  
*(My-thray-ee Shun-ker)*  
**Pronouns:** She/Her/Hers  
**Email:** maithreyi.shankar@propeller.com  
**Mobile:** 857.308.6100

**PROPELLER**

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[www.propeller.com](http://www.propeller.com)

**From:** Nicholel@lcpud.org  
**When:** 1:00 PM - 3:00 PM November 17, 2022  
**Subject:** 2023 Budget Discussion  
**Location:** Microsoft Teams Meeting

---

## Microsoft Teams meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 270 266 315 634

Passcode: KJNaSK

[Download Teams](#) | [Join on the web](#)

[Learn More](#) | [Meeting options](#)

---

Nichole Lantau

Staff Accountant II | Lewis County PUD | [www.lcpud.org](http://www.lcpud.org)  
o:(360) 748-9261 | d:(360) 345-1623 | e:Nicholel@lcpud.org

321 NW Pacific Ave | PO Box 330 | Chehalis, WA 98532-0330

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## 2023 Budget Revisions

Year	Revised	Original	Change	Description	Comment
2023	65,300	42,000	23,300	CEATI - MEMBERSHIP	Updated \$
2023	22,500	31,200	(8,700)	CFP VEHICLE AND EQUIPMENT FUEL	Updated \$
2023	40,000	0	40,000	SHELVING & FURNITURE	Updated \$
2023	0	9,300	(9,300)	NOXIOUS WEED CONTROL CONTRACTOR	In-house effective 2023
2023	10,000	14,000	(4,000)	CONTRACT CRANE INSPECTIONS	Updated \$
2023	869,000	0	869,000	CONTROL ROOM / OFFICE AREA REPAIRS	Deferred from 2022 / updated costs
2023	50,000	30,000	20,000	DOCUMENT MANAGEMENT SOFTWARE	Updated \$
2023	0	5,000	(5,000)	TRUCK CRANE BOX	Deferred
2023	75,000	275,000	(200,000)	TRANSMISSION LINE ACCESS - BRIDGE REPLACEMENT DESIGN	Design in 2023, construction in 2024
2023	0	6,000	(6,000)	NOXIOUS WEED CONTROL	In-house effective 2023
2023	15,000	13,000	2,000	PORTABLE RESTROOMS	Updated \$
2023	0	8,000	(8,000)	AMERICAN GOVERNOR SCHOOL	Change in training schedule
2023	0	4,350	(4,350)	AVO ELECTRICAL SERIES	Change in training schedule
2023	0	5,000	(5,000)	AVO SUBSTATION MAINTENANCE I	Change in training schedule
2023	0	7,000	(7,000)	EPTC - POWER PLANT OPERATION	Change in training schedule
2023	0	3,500	(3,500)	EPTC - RELAY PROTECTION	Change in training schedule
2023	0	6,000	(6,000)	TPC - ELECTRICAL WORKSHOP	Change in training schedule
2023	0	2,400	(2,400)	TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING	Change in training schedule
2023	0	1,260	(1,260)	EPTC - SYSTEM OPS PERSONAL GROUNDING	Change in training schedule
2023	1,260	0	1,260	EPTC - GENERATION SERIES	Change in training schedule
2023	4,000	7,000	(3,000)	EPTC - SWITCHING & GROUNDING	Change in training schedule
2023	1,875	3,600	(1,725)	EPTC - TRANSMISSION SERIES	Change in training schedule
2023	5,000	0	5,000	AVO CIRCUIT BREAKER MAINTENANCE	Change in training schedule
2023	6,500	4,000	2,500	TRAINING - CRANE	Change in training schedule
2023	4,000	0	4,000	TRAINING - MANLIFT/FORKLIFT	Change in training schedule
2023	4,800	0	4,800	TRAINING - SEL GENERATOR RELAY	Change in training schedule
2023	3,000	0	3,000	TRAINING - WESTERN PROTECTIVE RELAY	Change in training schedule
2023	3,800	0	3,800	TRAINING - ROCKWELL AUTOMATION FAIR	Change in training schedule
2023	3,500	0	3,500	TRAINING - FACTORY TALK TRAINING	Change in training schedule
2023	6,400	3,400	3,000	MAINTENANCE - GROUND	Noxious weed control in-house
2023	2,060,000	1,800,000	260,000	BOAT BARRIER REPLACEMENT - INSTALLATION	Updated \$
2023	60,000	80,000	(20,000)	BOAT BARRIER REPLACEMENT - DESIGN	Updated \$
2023	183,800	150,000	33,800	NORTH ROCK WALL SCALING	Updated \$
2023	1,668,100	1,068,100	600,000	NEW FACILITY - SITE PREPARATION	Updated \$ - Add booster pump/tank
2023	0	3,000	(3,000)	HYDROVISION	Remove from 2023 -2029 budget

## 2023 Budget Revisions

Year	Revised	Original	Change	Description	Comment
2023	6,000	0	6,000	CLEAN CURRENTS CONFERENCE	Add to 2023 - 2029 budget
2023	414,080	382,800	31,280	A&G Exhibit F	Updated \$
2023	80,000	80,000	0	BATTERY BANK REPLACEMENT	OR&R to O&M
2023	60,000	60,000	0	BATTERY CHARGERS	OR&R to O&M
2023	50,000	50,000	0	HVAC AH-1 REPLACEMENT OFFICE AREA	OR&R to O&M
2023	16,000	16,000	0	SERVICE WATER VFD & CONTROLS	OR&R to O&M
2023	60,000	60,000	0	DRAINAGE GALLERY AIR SUPPLY - ALTERNATIVE ANALYSIS	OR&R to O&M
2023	45,000	45,000	0	UNIT INSTRUMENTATION - ALTERNATIVE ANALYSIS	OR&R to O&M
2023	150,000	150,000	0	CAMPGROUND & DAY USE PAVING	OR&R to O&M
2023	50,000	50,000	0	SPILLWAY GATE CONTROL - ALTERNATIVE ANALYSIS	OR&R to O&M
2023	0	785,000	(785,000)	WILDLIFE MITIGATION LAND	Deferred - in legal review
2023	(200,000)	(4,000)	(196,000)	INTEREST INCOME	Updated \$
2023	(23,246,675)	(22,609,670)	(637,005)	BPA PROJECT REIMBURSEMENT	Updated \$
2023	60,000	60,000	0	ELEVATOR CONTROLS - DESIGN	OR&R to O&M
2023	100,000	100,000	0	GENERATOR PROTECTIVE RELAY REPLACEMENT - DESIGN	OR&R to O&M
2023	35,000	35,000	0	UNIT TURBINE GAGE BOARD INPUTS INTO SCADA - INSTALL	OR&R to O&M
2023	4,000	4,000	0	STATION SERVICE CABINET INPUTS INTO SCADA - DESIGN	OR&R to O&M
2023	100,000	200,000	(100,000)	SCADA SUPPORT	Updated \$
2023	985,000	865,000	120,000	5-TON BRIDGE CRANE	Updated \$
2023	0	\$ 80,000	(80,000)	Battery Bank Replacement	Defer N
2023	0	\$ 60,000	(60,000)	Battery Chargers	Defer N
2023	0	\$ 2,060,000	(2,060,000)	Boat Barrier Replacement - Installation	Defer O
2023	0	\$ 75,000	(75,000)	CAMPGROUND & DAY USE PARK PAVING REPAIR	Defer N
2023	0	\$ 75,000	(75,000)	CAMPGROUND & DAY USE PARK PAVING REPAIR	Defer N
2023	0	\$ 60,000	(60,000)	Campground A Loop Restroom - Design	Defer O
2023	0	\$ 3,680,800	(3,680,800)	Debris Barrier Coating & Cathodic Protection - Construction	Defer O
2023	0	\$ 3,000	(3,000)	Generator Oil Mist Piping	Defer N
2023	0	\$ 5,000	(5,000)	Governor Oil Sump Level Indication	Defer N
2023	0	\$ 24,000	(24,000)	Oil Bearing Level Sensors - Unit 1	Defer N
2023	0	\$ 6,000	(6,000)	Oil Storage Tank Level Sensors	Defer N
2023	0	\$ 45,000	(45,000)	Service Water System Rehabilitation	Defer N
2023	0	\$ 16,000	(16,000)	SERVICE WATER VFD & CONTROLS REPLACEMENT	Defer N
2023	0	\$ 2,500	(2,500)	Sluice Gate Bulkhead Seals - Replacement	Defer N
2023	0	\$ 50,000	(50,000)	Spillway Gate Control - Alternative Analysis	Defer N
2023	0	\$ 191,000	(191,000)	Trash Rake Design	Defer O



## 2023 Budget Revisions

Year	Revised	Original	Change	Description	Comment
2023	0	\$ 300,000	(300,000)	Trash Removal System - Design	Defer O
2023	0	\$ 15,000	(15,000)	Turbine Oil Level Indication	Defer N
2023	0	\$ 30,000	(30,000)	Turbine Shaft Seals	Defer R
2023	0	\$ 45,000	(45,000)	Unit Instrumentation - Alternative Analysis	Defer N
2023	0	\$ 106,000	(106,000)	Bridge Sections Inspection & Analysis	Defer N
2023	0	\$ 60,000	(60,000)	DRAINAGE GALLERY AIR SUPPLY - ALTERNATIVE ANALYSIS	Defer N
2023	0	\$ 48,000	(48,000)	Drainage Sump Study	Defer N
2023	0	\$ 15,000	(15,000)	Gantry Crane Jib Hoist Load Cell	Defer N
2023	0	\$ 4,000	(4,000)	Governor Jockey Pump	Defer N
2023	0	\$ 8,000	(8,000)	Generator Bus Boots	Defer N
2023	724,700	754,700	(30,000)	ES Support Labor	Updated \$
2023	506,200	527,200	(21,000)	ES Support Overhead	Updated \$
2023	445,800	510,800	(65,000)	Employee Medical Insurance	Updated \$
2023	156,100	175,600	(19,500)	Employer PERS	Updated \$
2023	22,800	27,500	(4,700)	L&I - Employer	Updated \$
2023	4,100	4,600	(500)	Long Term Disability	Updated \$
2023	3,050	3,400	(350)	Paid Family Leave Benefit	Updated \$
2023	119,000	133,400	(14,400)	Social Security Medicare	Updated \$
2023	1,000	1,200	(200)	Term Insurance Benefit	Updated \$
2023	15,000	16,900	(1,900)	VEBA Benefit	Updated \$
2023	1,555,700	1,743,700	(188,000)	Wages	Updated \$
	(12,515,310)	(5,125,460)	(7,389,850)		

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
<b>O&amp;M</b>	\$ 3,119,480	\$ 2,516,110	\$ 2,113,860
<b>Fish &amp; Wildlife</b>	\$ 210,380	\$ 238,740	\$ 137,300
American Fisheries Society (AFS) Membership		\$ 110	\$ 110
CISPUS ADULT FISH SITE RELEASE ANALYSIS		\$ 75,000	
Creel Study	\$ 18,000		
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000
Fish Gate Position Indicators	\$ 32,000		
Fishing Pond Sediment Removal	\$ 30,000	\$ 30,000	
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 9,000	\$ 9,000	\$ 9,300
Kid's Trout Derby	\$ 5,400	\$ 5,600	\$ 5,600
Mitigation Trout Program	\$ 45,000	\$ 47,000	\$ 49,000
Noxious Weed Control Contractor	\$ 9,300	\$ 9,300	\$ 9,500
USGS Gauging Station Fees	\$ 41,600	\$ 42,640	\$ 43,700
Wildlife Society Membership	\$ 80	\$ 90	\$ 90
<b>Maintenance</b>	\$ 1,767,950	\$ 1,333,900	\$ 1,054,900
ARC FLASH STUDY	\$ 35,000		
Automatic Transfer Switch Grouting	\$ 1,000		
Bridge Sections Inspection & Analysis		\$ 106,000	
Buffer Zone Management	\$ 3,200	\$ 3,200	\$ 3,200
CAD Software Licensing	\$ 4,500	\$ 6,000	\$ 6,000
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000
Construction Management Software	\$ 12,000	\$ 7,600	\$ 7,600
Contract Crane Inspections	\$ 12,600	\$ 14,000	\$ 14,000
Contract Diesel Generator Maintenance	\$ 10,000	\$ 12,000	\$ 12,000
Contract Drafting Services	\$ 50,000	\$ 50,000	\$ 50,000
Contract Maintenance Elevator	\$ 15,200	\$ 18,500	\$ 19,000
Control Room / Office Area Repairs - Construction	\$ 586,030		
Control Room / Office Area Repairs - Design	\$ 7,500		
Control Room Paperless Recorders	\$ 42,000		
Dam Instrumentation	\$ 2,200	\$ 3,000	\$ 3,000
Debris Barrier - Maintenance		\$ -	\$ -
Debris Removal - Trash Rake Debris Box	\$ 6,000	\$ 6,200	\$ 6,200
Diesel Generator Connection to Spillway Gates 2 & 3	\$ 14,000		
Diesel Generator Load Bank	\$ 8,500		
Diving Services	\$ 16,500	\$ 16,500	\$ 17,000
Drainage Pump Handrail	\$ 2,500		
Drainage Sump Level Indication		\$ 3,500	
Drainage Sump Study		\$ 48,000	
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000
Electrical Parts	\$ 5,400	\$ 14,400	\$ 14,400
Equipment Rental	\$ 17,000	\$ 17,000	\$ 18,000
Equipment Watch Annual Fee		\$ 2,500	\$ 2,500
FERC Part 12 Recommendations			\$ 125,000
Fuel - Diesel Generator		\$ 1,500	\$ 1,500
Gantry Crane Jib Hoist Load Cell		\$ 15,000	
Generator Bus Boots		\$ 8,000	
Generator Oil Mist Piping		\$ 3,000	
Governor	\$ 4,000	\$ 4,000	\$ 4,000
Governor and Turbine Oil Replacement			\$ 225,000

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
Governor Jockey Pump		\$ 4,000	
Governor Oil Sump Level Indication		\$ 5,000	
GSU Transformer #1 Metering CT Replacement	\$ 15,000		
GSU Transformer Maintenance	\$ 3,240		
GSU Transformer Oil Processing & Testing	\$ 165,780		
HVAC	\$ 3,200	\$ 3,500	\$ 3,500
Inspect Upstream Coating Spillway Gate 4			\$ 60,000
Instrumentation Parts	\$ 5,400	\$ 10,000	\$ 10,000
Investigate Draft Tube Liner Issues	\$ 25,000		
MAINTENANCE - LOG BRONC	\$ 1,000	\$ 1,000	\$ 1,000
Maintenance - Unanticipated Dam Repairs	\$ -	\$ 10,000	\$ 10,000
Maintenance Management System	\$ 15,000	\$ 15,000	\$ 17,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400
Mechanical & Piping	\$ 9,000	\$ 10,000	\$ 10,000
Mechanical Parts	\$ 10,600	\$ 14,000	\$ 14,000
Metal	\$ 10,000	\$ 13,000	\$ 13,000
Mobile Crane Maintenance		\$ 1,500	\$ 1,500
North Rock Wall Scaling	\$ 75,000	\$ 150,000	
Oil Bearing Level Sensors - Unit 1		\$ 24,000	
Oil Bearing Level Sensors - Unit 2			\$ 24,000
Oil Storage Tank Level Sensors		\$ 6,000	
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200
Piezometer Pressure Transmitters	\$ 18,000	\$ 18,000	\$ 18,000
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200
Protection & Control Support		\$ 8,000	\$ 8,000
Recoat Top Deck Above Control Room	\$ 3,500		
Repaint Elevator Shaft Exterior	\$ 1,500		
Repaint Stairwell Interior	\$ 500		
Rotor Braided Jumpers	\$ 10,000		
Safety Equipment - Non PPE	\$ 5,000	\$ 5,000	\$ 5,000
Sandblast and Coat Draft Tube Platform Brackets	\$ 3,000		
SCADA Network Support	\$ 10,700	\$ 10,700	\$ 10,700
SCADA Support	\$ 120,000	\$ 200,000	\$ 120,000
Seismic Study	\$ 150,000		
Service Air Compressor	\$ 1,000	\$ 1,000	\$ 1,000
Service Water System Design	\$ 2,500		
Service Water System Rehabilitation		\$ 45,000	
Sluice Gate Bulkhead Seals - Replacement		\$ 2,500	
SMAG Power Connection & Cable	\$ 4,500		
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 3,000	\$ 3,000
Spillway Gate 4 Bottom Seal Repair			\$ 80,000
Spillway Gate Finite Element Analysis		\$ 90,000	
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000
Structure Maintenance; Concrete, Fencing		\$ -	\$ -
Temporary Offices	\$ -	\$ 230,000	\$ 72,000
Tools & Equipment - Operations	\$ 15,000	\$ 22,000	\$ 22,000
Transformer Oil Processing & Testing		\$ 1,000	\$ 1,000
Trunnion Friction Testing	\$ 65,000		
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
Turbine Oil Level Indication		\$ 15,000	
Turbine Shaft Seals	\$ 30,000	\$ 30,000	
Unit Control Board Meter Replacement	\$ 42,000		
Unit Turbine Gage Board Inputs into SCADA - Design	\$ 4,000		
Upper Guide Bearing Oil Sample Ports		\$ 4,000	
Warehouse Repairs	\$ 64,000		
<b>Operations</b>	<b>\$ 291,040</b>	<b>\$ 262,600</b>	<b>\$ 230,640</b>
1D Sediment Transport Study	\$ 100,000		
Advertising - Dam	\$ -	\$ 1,200	\$ 1,200
CFP Cell Phones	\$ 1,600	\$ 8,400	\$ 8,400
CFP Telephones	\$ 7,000	\$ 10,800	\$ 10,800
CFP Vehicle Verizon Connect	\$ 540	\$ 2,300	\$ 2,400
COMMUNICATIONS - RADIOS, ETC	\$ 7,900	\$ 8,100	\$ 8,100
Communications Fiber - User Fee	\$ 48,500	\$ 48,500	\$ 48,500
Computer & Supplies		\$ 6,000	\$ 6,000
Dam Safety Consultant	\$ 62,000	\$ 64,000	\$ 66,000
Electric Utilities - Secondary Power Feed	\$ 11,500	\$ 11,800	\$ 12,100
Fall Protection Equipment	\$ 6,000	\$ 6,000	\$ 1,000
FERC Dam Movement Survey	\$ 8,400	\$ 8,800	\$ 8,800
FR Clothing - CFP	\$ 9,500	\$ 9,500	\$ 10,000
GARBAGE SERVICE - OPERATIONS	\$ 2,400	\$ 2,400	\$ 2,500
Operator Remote SCADA Communications	\$ 8,000	\$ 9,000	\$ 9,000
Operator Supplies - Dam	\$ -	\$ 1,500	\$ 1,500
Portable Restrooms - Dam	\$ -		
Respirator Fit Testing		\$ 1,500	\$ 1,500
Rope Access Gear	\$ 3,000	\$ 4,500	\$ 4,500
Security/Plant Locks	\$ 300	\$ 300	\$ 340
Sedimentation Report		\$ 50,000	
Sedimentation Report Annual Updates		\$ -	\$ 20,000
Sedimentation Survey	\$ 5,200	\$ 5,800	\$ 5,800
Shelving & Furniture	\$ 7,000		
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200
<b>Recreation</b>	<b>\$ 416,800</b>	<b>\$ 306,760</b>	<b>\$ 307,660</b>
Advertising	\$ 3,000	\$ 3,600	\$ 3,600
Boat Launch Sediment Removal	\$ 5,000	\$ 5,000	\$ 5,000
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200
Campground Fire Pits Graveling	\$ 500		
Campground Hosts	\$ 120,000	\$ 125,000	\$ 130,000
Campground Internet	\$ 3,000	\$ 3,200	\$ 3,200
Campground Reservation Software	\$ 5,000	\$ 5,200	\$ 5,200
Campground Restroom Improvements	\$ 30,000		
Campground Telephone	\$ 1,300	\$ 1,500	\$ 1,500
Campground Wood Chips	\$ 500	\$ 500	\$ 500
Contract Septic and Water Services	\$ 27,000	\$ 27,000	\$ 27,000
Contract Services (Backhoe, Gravel)		\$ -	\$ -
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,700	\$ 2,700
D-Loop Electrical Design & Feed Replacements	\$ 30,000		
Electric Utilities	\$ 6,400	\$ 11,500	\$ 11,700
EQUIPMENT REPAIRS - PARK	\$ 3,200	\$ 3,500	\$ 3,700
GARBAGE SERVICE - RECREATION	\$ 6,400	\$ 6,600	\$ 6,600

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
Group B Annual Operating Fee - Falls Road Well	\$ -	\$ 60	\$ 60
MAINTENANCE - GROUND	\$ 3,200	\$ 3,400	\$ 3,400
MAINTENANCE - SEWER & WATER SYSTEM	\$ 6,400	\$ 6,400	\$ 6,400
Noxious Weed Control	\$ 5,000	\$ 6,000	\$ 6,000
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200
Port Blakely Road Access Agreement	\$ 30,000	\$ 30,000	\$ 30,000
Port Blakely Road Maintenance	\$ 13,500	\$ 13,500	\$ 14,000
Portable Restrooms	\$ 2,300	\$ 13,000	\$ 13,000
Potable Water and Septic System Testing	\$ 2,000	\$ 2,200	\$ 2,200
Recreation Assessment	\$ 90,000		
Recreation Tree Removal	\$ -	\$ 10,000	\$ 10,000
Repairs & Supplies	\$ 10,000	\$ 10,000	\$ 11,000
Septic System Maintenance - Recreation		\$ 6,000	\$ -
Sign Replacements	\$ 2,200	\$ 2,500	\$ 2,500
Tools & Equipment - Recreation	\$ 3,000	\$ 3,000	\$ 3,000
<b>Taxes</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>
County Taxes	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900
<b>Training &amp; Travel</b>	<b>\$ 191,850</b>	<b>\$ 109,110</b>	<b>\$ 112,760</b>
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ 7,000	\$ 8,500	\$ 8,500
American Governor School		\$ 8,000	\$ 8,000
ASDSO Conference	\$ 2,500	\$ 2,500	\$ 2,500
AVO Circuit Breaker Maintenance			\$ 5,000
AVO Electrical Series	\$ 4,350	\$ 4,350	
AVO Substation Maintenance I		\$ 5,000	\$ 5,000
AVO Thermography I		\$ 5,000	
AVO Thermography II			\$ 5,000
CEATI - ANNUAL MEETING	\$ 3,000	\$ 10,500	\$ 10,500
CEATI - ASSET Management Meeting		\$ 1,800	\$ 1,800
CEATI - DSIG MEETING	\$ 2,200	\$ 4,400	\$ 4,400
CEATI - HPEIG MEETING		\$ 4,400	\$ 4,400
CEATI - HPLIG MEETING	\$ 2,800		
EPTC Fundamentals of Electricity	\$ 7,200		
EPTC Generation Series	\$ 3,600		
EPTC Power Plant Operation		\$ 7,000	\$ 7,000
EPTC Relay Protection		\$ 3,500	\$ 3,500
EPTC Switching & Grounding		\$ 7,000	\$ 7,000
EPTC System Operations Personal Grounding	\$ 1,260	\$ 1,260	\$ 1,260
EPTC Transmission Series	\$ 3,600	\$ 3,600	\$ 3,600
HSI Online Training	\$ 800	\$ 800	\$ 800
HydroVision	\$ 3,000	\$ 3,000	\$ 3,000
NW Hydro Forum	\$ 800	\$ 1,600	\$ 1,600
NWHA - ANNUAL MEETING	\$ 800	\$ 800	\$ 800
NWHA - WORKSHOP	\$ 500	\$ 2,000	\$ 2,000
NWPPA - LEADERSHIP TRAINING	\$ 3,400	\$ 3,400	\$ 3,400
OPERATOR TRAINING DEVELOPMENT 2022	\$ 130,000		
TPC - ELECTRICAL WORKSHOP	\$ 4,350	\$ 6,000	\$ 3,000
TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING	\$ 2,390	\$ 2,400	\$ 2,400

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
TRAINING - CRANE		\$ 4,000	\$ 6,000
TRAINING - MANLIFT/FORKLIFT			\$ 4,000
TRAINING - PESTICIDE APPLICATION	\$ 1,600	\$ 1,600	\$ 1,600
TRAINING - WATER & WASTEWATER	\$ 1,200	\$ 1,200	\$ 1,200
Wildlife Classes	\$ 4,000	\$ 4,000	\$ 4,000
<b>Transmission</b>	<b>\$ 63,000</b>	<b>\$ 62,000</b>	<b>\$ 62,000</b>
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 3,000	\$ 2,000	\$ 2,000
<b>Wage, Benefits, &amp; Taxes</b>	<b>\$ 113,360</b>	<b>\$ 137,900</b>	<b>\$ 143,500</b>
OT Taxes	\$ 4,100	\$ 4,500	\$ 4,600
Social Security Medicare	\$ 109,260	\$ 133,400	\$ 138,900
Social Security Medicare - F&W Tech	\$ -		
<b>Special O&amp;M</b>	<b>\$ 4,180,950</b>	<b>\$ 5,098,660</b>	<b>\$ 5,238,360</b>
<b>General</b>	<b>\$ 1,004,700</b>	<b>\$ 1,094,460</b>	<b>\$ 1,058,560</b>
A&G Exhibit F	\$ 371,600	\$ 382,800	\$ 394,800
ASDSO - Government Membership	\$ -	\$ 60	\$ 60
Auditing - Accountability	\$ 2,300	\$ 2,350	\$ 2,400
Auditing - Financial	\$ 19,000	\$ 19,450	\$ 20,200
Budget Facilitator	\$ -		
CEATI - MEMBERSHIP	\$ 65,300	\$ 42,000	\$ 42,000
CEATI - PROJECTS	\$ 30,000	\$ 15,000	\$ 15,000
Compliance Consultant	\$ 65,000	\$ 65,000	\$ 65,000
Document Management Software		\$ 30,000	\$ 30,000
Document Scanning		\$ 5,000	\$ 5,000
FERC Annual Fee	\$ 100,000	\$ 103,000	\$ 106,100
Fire District Payment	\$ 19,500	\$ 20,000	\$ 20,500
Infrastructure Grant Proposal (HDR)		\$ 50,000	
INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS	\$ 7,200	\$ 7,500	\$ 7,900
INSURANCE - EXCESS LIABILITY	\$ 25,000	\$ 26,000	\$ 27,000
INSURANCE - LIABILITY	\$ 10,500	\$ 11,000	\$ 11,500
INSURANCE - PROPERTY	\$ 200,000	\$ 210,000	\$ 220,500
LEGAL SERVICES - BIOP & FERC ISSUES	\$ 24,200	\$ 25,000	\$ 25,000
LEGAL SERVICES - GENERAL ISSUES	\$ 20,000	\$ 20,000	\$ 20,000
Long Range Plan Analysis	\$ 35,000	\$ 35,000	\$ 35,000
NWHA Membership	\$ 800	\$ 1,000	\$ 1,000
OFFICE SUPPLIES AND EXPENSES	\$ 9,300	\$ 9,300	\$ 9,600
Records Clean Up		\$ 15,000	
<b>Operations</b>	<b>\$ 39,000</b>	<b>\$ 57,300</b>	<b>\$ 57,400</b>
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 31,200	\$ 31,200
CF Vehicle Maintenance	\$ 12,000	\$ 15,000	\$ 15,000
CONSUMABLE SUPPLIES - FIRST AID	\$ 3,200	\$ 3,200	\$ 3,200
CONSUMABLE SUPPLIES - JANITORIAL	\$ 1,300	\$ 1,300	\$ 1,300
CONSUMABLE SUPPLIES - SAFETY & PPE	\$ 6,500	\$ 6,600	\$ 6,700
<b>Training &amp; Travel</b>	<b>\$ 23,800</b>	<b>\$ 26,800</b>	<b>\$ 16,300</b>
ARC FLASH TRAINING		\$ 3,000	
NWPPA - ADMIN ASST TRAINING	\$ 2,400	\$ 2,400	\$ 2,400
TRAINING - COMPUTER	\$ 800	\$ 800	\$ 800
Training - Confined Space		\$ 8,000	
TRAINING - FALL PROTECTION	\$ 8,000		
TRAINING - ROPE ACCESS	\$ 8,000	\$ 8,000	\$ 8,000

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
WPUDA - ADMIN ROUNDTABLE	\$ 600	\$ 600	\$ 600
WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING	\$ 4,000	\$ 4,000	\$ 4,500
<b>Wage, Benefits, &amp; Taxes</b>	<b>\$ 3,113,450</b>	<b>\$ 3,920,100</b>	<b>\$ 4,106,100</b>
Employee Medical Insurance	\$ 387,700	\$ 510,800	\$ 526,100
Employee Medical Insurance - F&W Tech	\$ -		
Employer PERS	\$ 136,860	\$ 175,600	\$ 182,900
Employer PERS - F&W Tech	\$ -		
ES Support Overhead	\$ 400,300	\$ 527,200	\$ 562,500
ES Support Overhead - IS/IT	\$ -		
ES Support Overhead - Purchasing	\$ -		
ES Support Wages	\$ 572,740	\$ 754,700	\$ 805,300
ES Support Wages - IS/IT	\$ -		
ES Support Wages - Purchasing	\$ -		
Flu Shot Clinics	\$ 400	\$ 400	\$ 400
L&I - Employer	\$ 18,800	\$ 27,500	\$ 27,500
L&I - Employer - F&W Tech	\$ -		
Long Term Disability	\$ 3,540	\$ 4,600	\$ 5,000
Long Term Disability - F&W Tech	\$ -		
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000	\$ 5,000	\$ 5,000
Misc Pension & Benefits, CDL, Medical Exam, etc - F&W Tech	\$ -		
OT Benefits	\$ 8,900	\$ 7,400	\$ 7,600
OT Wages	\$ 53,400	\$ 59,100	\$ 60,900
Paid Family Leave Benefit	\$ 2,540	\$ 3,400	\$ 3,600
Paid Family Leave Benefit - F&W Tech	\$ -		
PCORI ACA Requirement	\$ 100	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 5,000	\$ 5,000
PL to VEBA Cash Out	\$ 5,000	\$ 16,000	\$ 16,500
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000	\$ 20,000	\$ 20,000
Short Term Disability	\$ 2,000	\$ 2,000	\$ 2,100
Short Term Disability - F&W Tech	\$ -		
Standby Pay	\$ 38,300	\$ 39,500	\$ 40,700
Term Insurance Benefit	\$ 1,240	\$ 1,200	\$ 1,200
Term Insurance Benefit - F&W Tech	\$ -		
VEBA Benefit	\$ 13,350	\$ 16,900	\$ 17,600
VEBA Benefit - F&W Tech	\$ -		
Wages	\$ 1,428,280	\$ 1,743,700	\$ 1,816,100
Wages - F&W Tech	\$ -		
<b>Wheeling</b>	<b>\$ 768,000</b>	<b>\$ 791,000</b>	<b>\$ 815,000</b>
<b>Wheeling</b>	<b>\$ 768,000</b>	<b>\$ 791,000</b>	<b>\$ 815,000</b>
Transmission Wheeling - Offset Entry	\$ 768,000	\$ 791,000	\$ 815,000
<b>OR&amp;R</b>	<b>\$ 4,004,670</b>	<b>\$ 15,093,900</b>	<b>\$ 3,814,000</b>
<b>Fish &amp; Wildlife</b>	<b>\$ -</b>	<b>\$ 955,000</b>	<b>\$ 360,000</b>
Alternative Fishing Derby Site Development - Design			\$ 200,000
Kiona Creek Enhancement		\$ 120,000	\$ 120,000
Man-Made Island Canal - Design		\$ 50,000	
Wildlife Meadows Unit #5			\$ 40,000
Wildlife Mitigation Land	\$ -	\$ 785,000	
<b>Fleet</b>	<b>\$ 37,000</b>	<b>\$ 90,000</b>	<b>\$ 72,000</b>
Mower	\$ 22,000		
RT Fork Lift		\$ 85,000	

2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
Side By Side			\$ 30,000
Truck Box Crane		\$ 5,000	
Vehicle	\$ 15,000		
Vehicle for Resource Worker			\$ 42,000
<b>Maintenance</b>	<b>\$ 2,292,270</b>	<b>\$ 13,723,900</b>	<b>\$ 3,037,000</b>
5-Ton Bridge Crane	\$ 490,000	\$ 865,000	
Battery Bank Replacement		\$ 80,000	
Battery Chargers		\$ 60,000	
Boat Barrier Replacement - Alternative Analysis	\$ 35,000		
Boat Barrier Replacement - Design	\$ 41,375	\$ 80,000	
Boat Barrier Replacement - Installation		\$ 1,800,000	
Debris Barrier Coating & Cathodic Protection - Construction		\$ 3,680,800	
Debris Barrier Coating & Cathodic Protection - Design	\$ 60,000		
Downstream Boat Ramp			\$ 200,000
Downstream Notification Siren - Design		\$ 10,000	
Downstream Notification Siren - Installation		\$ -	\$ 40,000
Drainage Gallery Air Supply - Alternative Analysis		\$ 60,000	
Drainage Gallery Air Supply - Design			\$ 145,000
Elevator Controls - Design		\$ 60,000	
Elevator Controls - Installation			\$ 125,000
Elevator Roof Access - Design	\$ 10,000		
Elevator Roof Access - Installation		\$ 25,000	
Exciter Brush Dust Vacuum System	\$ 92,200		
Generator Cooling Water Refurbishment			\$ 78,000
Generator Hatch Cover Seals & Drains	\$ 25,000	\$ 215,000	
Generator Protective Relay Replacement - Design		\$ 100,000	
Generator Protective Relay Replacement - Installation			\$ 50,000
HVAC AH-1 Replacement Office Area		\$ 50,000	
Lathe	\$ 18,000		
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000		
New Facility - Design			\$ 180,000
New Facility - Site Preparation	\$ 60,000	\$ 1,068,100	
Plant Auxiliary Equipment Inputs into SCADA - Design			\$ 8,000
Revenue Meters	\$ 24,000		
Roadway Gates	\$ 12,000	\$ 18,000	
Roadway Lighting	\$ 20,000		
Service Water VFD & Controls Replacement		\$ 16,000	
Sluice Gate Replacement - CFD & Physical Model Design	\$ 115,605		
Sluice Gate Replacement - Construction 1			\$ 1,200,000
Sluice Gate Replacement - Design 1	\$ 372,000		
Sluice Gate Replacement - Design 2		\$ 867,700	
Sonar & Turbidity Sensors	\$ 25,000		
South Downstream Abutment Wall Handrail	\$ 27,000		
Spillway 4 Rail Extension - Construction		\$ 3,768,300	\$ -
Spillway 4 Rail Extension - Design	\$ 330,025		
Spillway Gate Control - Alternative Analysis		\$ 50,000	
Spillway Gate Control - Design			\$ 200,000
Spillway Gate Hoist Covers - Construction	\$ 95,000		
Spillway Gate Hoist Covers - Design	\$ 25,000		
Spillway Handrail & Guardrail	\$ 226,585		



2023 - 2024 CFP Budget (2022 for reference)	Budget Year		
	2022 R1	2023	2024
Station Service cabinet Inputs Into SCADA - Design		\$ 4,000	
Station Service cabinet Inputs Into SCADA - Installation			\$ 16,000
Transmission Line Access - Bridge Replacement		\$ 275,000	\$ -
Trash Rake - Alternative Analysis	\$ 86,850		
Trash Rake Construction			\$ 700,000
Trash Rake Design		\$ 191,000	
Trash Removal System - Alternative Analysis	\$ 76,630		
Trash Removal System - Construction			\$ -
Trash Removal System - Design		\$ 300,000	\$ 50,000
Unit Instrumentation - Alternative Analysis		\$ 45,000	
Unit Instrumentation - Design			\$ 45,000
Unit Turbine Gage Board Inputs into SCADA - Installation		\$ 35,000	
<b>Operations</b>	<b>\$ 75,400</b>	<b>\$ 105,000</b>	<b>\$ 85,000</b>
Major Office & Network Equipment	\$ 25,400	\$ 25,000	\$ 25,000
Security Improvements	\$ 50,000	\$ 80,000	\$ 60,000
<b>Recreation</b>	<b>\$ 1,600,000</b>	<b>\$ 220,000</b>	<b>\$ 260,000</b>
Campground & Day Use Park Paving		\$ 150,000	
Campground A Loop Restroom - Design		\$ 60,000	
Campground A Loop Restroom - Installation			\$ 260,000
Copper Canyon Take Out Site Improvements	\$ 1,600,000		
Day Use Park Flat Water Kayak Take Out		\$ 10,000	
<b>REV</b>	<b>\$ (12,073,100)</b>	<b>\$ (23,499,670)</b>	<b>\$ (11,981,220)</b>
<b>Wheeling</b>	<b>\$ (768,000)</b>	<b>\$ (791,000)</b>	<b>\$ (815,000)</b>
Transmission Wheeling - Rev Entry	\$ (768,000)	\$ (791,000)	\$ (815,000)
<b>Project Reimbursement</b>	<b>\$ (11,206,100)</b>	<b>\$ (22,609,670)</b>	<b>\$ (11,067,220)</b>
BPA Project Reimbursement	\$ (10,505,585)	\$ (22,609,670)	\$ (11,067,220)
BPA Project Reimbursement - 2021 Carry Over	\$ (700,515)		
BPA Project Reimbursement - Contingent	\$ -		
<b>Project Revenue</b>	<b>\$ (99,000)</b>	<b>\$ (99,000)</b>	<b>\$ (99,000)</b>
Campground Revenue (Net of Service Fees)	\$ (95,000)	\$ (95,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (4,000)	\$ (4,000)
<b>Grand Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Budget summary	Budget Year	
	2022 R1	2023
<b>O&amp;M</b>	\$ 3,119,480	\$ 3,052,835
Fish & Wildlife	\$ 210,380	\$ 124,440
Maintenance	\$ 1,767,950	\$ 1,971,700
Operations	\$ 291,040	\$ 302,600
Recreation	\$ 416,800	\$ 305,760
Taxes	\$ 65,100	\$ 65,100
Training & Travel	\$ 191,850	\$ 97,735
Transmission	\$ 63,000	\$ 62,000
Wage, Benefits, & Taxes	\$ 113,360	\$ 123,500
<b>Special O&amp;M</b>	\$ 4,180,950	\$ 4,833,390
General	\$ 1,004,700	\$ 1,169,040
Operations	\$ 39,000	\$ 48,600
Training & Travel	\$ 23,800	\$ 26,800
Wage, Benefits, & Taxes	\$ 3,113,450	\$ 3,588,950
<b>Wheeling</b>	\$ 768,000	\$ 791,000
Wheeling	\$ 768,000	\$ 791,000
<b>OR&amp;R</b>	\$ 4,004,670	\$ 7,892,100
Fish & Wildlife	\$ -	\$ -
Fleet	\$ 37,000	\$ 85,000
Maintenance	\$ 2,292,270	\$ 7,692,100
Operations	\$ 75,400	\$ 105,000
Recreation	\$ 1,600,000	\$ 10,000
<b>REV</b>	\$ (12,073,100)	\$ (16,569,325)
Wheeling	\$ (768,000)	\$ (791,000)
<b>Project Reimbursement</b>	\$ (11,206,100)	\$ (15,483,325)
BPA Project Reimbursement	\$ (10,505,585)	\$ (11,354,940)
BPA Project Reimbursement - 2021 Carry Over	\$ (700,515)	
BPA Project Reimbursement - Deferred	\$ -	\$ (3,768,300)
BPA Project Reimbursement - Pending		\$ (107,600)
BPA Project Reimbursement - Pending SL		\$ (252,485)
<b>Project Revenue</b>	\$ (99,000)	\$ (295,000)
Campground Revenue (Net of Service Fees)	\$ (95,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (200,000)
<b>Grand Total</b>	\$ -	\$ -

**Cowlitz Falls Direct Labor Report**

<b>FY 2023</b>	<b>Positions</b>	<b>Hours</b>	<b>Wages</b>	<b>Benefits</b>	<b>Taxes</b>	<b>Total Cost</b>
<b>CF</b>						
Generation Manager	1	2,080	\$ 157,620	\$ 46,863	\$ 12,058	\$ 216,541
Generation Superintendent	2	4,160	\$ 273,980	\$ 107,472	\$ 20,959	\$ 402,411
Recreation & Wildlife Supervisor	1	2,080	\$ 106,217	\$ 40,767	\$ 8,126	\$ 155,109
Resource Worker	1	2,080	\$ 89,581	\$ 50,215	\$ 6,853	\$ 146,649
Resource Worker - Lead	1	2,080	\$ 98,386	\$ 41,940	\$ 7,527	\$ 147,852
Summer Seasonal	4	2,400	\$ 53,694	\$ 2,820	\$ 4,108	\$ 60,621
Project Engineer	2	4,160	\$ 219,792	\$ 95,929	\$ 16,814	\$ 332,536
Fish & Wildlife Technician	1	2,080	\$ 84,464	\$ 40,289	\$ 6,462	\$ 131,214
CF Admin Assistant	1	2,080	\$ 71,710	\$ 45,995	\$ 5,486	\$ 123,191
Journeyman Operator - Maintenance	4	8,320	\$ 459,134	\$ 212,816	\$ 35,124	\$ 707,074
Sr Journeyman Operator - Maintenance	1	2,080	\$ 129,139	\$ 54,907	\$ 9,879	\$ 193,925
<b>Grand Total</b>		<b>33,600</b>	<b>\$ 1,743,717</b>	<b>\$ 740,013</b>	<b>\$ 133,394</b>	<b>\$ 2,617,124</b>

Budget		
	2022 R1	2023
<b>O&amp;M</b>	<b>\$ 3,119,480</b>	<b>\$ 3,052,835</b>
<b>Fish &amp; Wildlife</b>	<b>\$ 210,380</b>	<b>\$ 124,440</b>
Operating Expenses	\$ 210,380	\$ 124,440
<b>R</b>	<b>\$ 148,380</b>	<b>\$ 124,440</b>
American Fisheries Society (AFS) Membership		\$ 110
Creel Study	\$ 18,000	
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 9,000	\$ 9,000
Kid's Trout Derby	\$ 5,400	\$ 5,600
Mitigation Trout Program	\$ 45,000	\$ 47,000
Noxious Weed Control Contractor	\$ 9,300	\$ -
USGS Gauging Station Fees	\$ 41,600	\$ 42,640
Wildlife Society Membership	\$ 80	\$ 90
<b>N</b>	<b>\$ 62,000</b>	<b>\$ -</b>
CISPUS ADULT FISH SITE RELEASE ANALYSIS		\$ -
Fish Gate Position Indicators	\$ 32,000	
Fishing Pond Sediment Removal	\$ 30,000	\$ -
<b>Maintenance</b>	<b>\$ 1,767,950</b>	<b>\$ 1,971,700</b>
Operating Expenses	\$ 1,767,950	\$ 1,971,700
<b>R</b>	<b>\$ 493,900</b>	<b>\$ 606,700</b>
Buffer Zone Management	\$ 3,200	\$ 3,200
CAD Software Licensing	\$ 4,500	\$ 6,000
Computer Software	\$ 2,000	\$ 2,000
Construction Management Software	\$ 12,000	\$ 7,600
Contract Crane Inspections	\$ 12,600	\$ 10,000
Contract Diesel Generator Maintenance	\$ 10,000	\$ 12,000
Contract Drafting Services	\$ 50,000	\$ 50,000
Contract Maintenance Elevator	\$ 15,200	\$ 18,500
Dam Instrumentation	\$ 2,200	\$ 3,000
Debris Barrier - Maintenance		\$ -
Debris Removal - Trash Rake Debris Box	\$ 6,000	\$ 6,200
Diving Services	\$ 16,500	\$ 16,500
Drainage System	\$ 3,000	\$ 3,000
Electrical Parts	\$ 5,400	\$ 14,400
Equipment Rental	\$ 17,000	\$ 17,000
Equipment Watch Annual Fee		\$ 2,500
Fuel - Diesel Generator		\$ 1,500
Governor	\$ 4,000	\$ 4,000
HVAC	\$ 3,200	\$ 3,500

Budget		
	2022 R1	2023
Instrumentation Parts	\$ 5,400	\$ 10,000
MAINTENANCE - LOG BRONC	\$ 1,000	\$ 1,000
Maintenance - Unanticipated Dam Repairs	\$ -	\$ 10,000
Maintenance Management System	\$ 15,000	\$ 15,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400
Mechanical & Piping	\$ 9,000	\$ 10,000
Mechanical Parts	\$ 10,600	\$ 14,000
Metal	\$ 10,000	\$ 13,000
Mobile Crane Maintenance		\$ 1,500
North Rock Wall Scaling	\$ 75,000	\$ 183,800
Painting & Special Coatings	\$ 3,200	\$ 3,200
Plant Lighting	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200
Protection & Control Support*		\$ 8,000
Safety Equipment - Non PPE	\$ 5,000	\$ 5,000
SCADA Network Support	\$ 10,700	\$ 10,700
SCADA Support	\$ 120,000	\$ 100,000
Service Air Compressor	\$ 1,000	\$ 1,000
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 3,000
Spillway Gates	\$ 5,000	\$ 5,000
Structure Maintenance; Concrete, Fencing		\$ -
Tools & Equipment - Operations	\$ 15,000	\$ 22,000
Transformer Oil Processing & Testing		\$ 1,000
Turbidity Sensor Communication	\$ 1,000	\$ 1,000
Turbine Shaft Seals	\$ 30,000	
<b>N</b>	<b>\$ 1,274,050</b>	<b>\$ 1,365,000</b>
ARC FLASH STUDY	\$ 35,000	
Automatic Transfer Switch Grouting	\$ 1,000	
CONTROL ROOM / OFFICE AREA REPAIRS		\$ 869,000
Control Room / Office Area Repairs - Construction	\$ 586,030	
Control Room / Office Area Repairs - Design	\$ 7,500	
Control Room Paperless Recorders	\$ 42,000	
Diesel Generator Connection to Spillway Gates 2 &	\$ 14,000	
Diesel Generator Load Bank	\$ 8,500	
Drainage Pump Handrail	\$ 2,500	
Generator Protective Relay Replacement - Design		\$ 100,000
GSU Transformer #1 Metering CT Replacement	\$ 15,000	
GSU Transformer Maintenance	\$ 3,240	
GSU Transformer Oil Processing & Testing	\$ 165,780	
HVAC AH-1 REPLACEMENT OFFICE AREA		\$ 50,000

Budget		
	2022 R1	2023
Investigate Draft Tube Liner Issues	\$ 25,000	
Piezometer Pressure Transmitters	\$ 18,000	\$ 18,000
Recoat Top Deck Above Control Room	\$ 3,500	
Repaint Elevator Shaft Exterior	\$ 1,500	
Repaint Stairwell Interior	\$ 500	
Rotor Braided Jumpers	\$ 10,000	
Sandblast and Coat Draft Tube Platform Brackets	\$ 3,000	
Seismic Study	\$ 150,000	
Service Water System Design	\$ 2,500	
SMAG Power Connection & Cable	\$ 4,500	
Spillway Gate Finite Element Analysis		\$ 90,000
Station Service Cabinet Inputs Into SCADA - Design		\$ 4,000
Temporary Offices	\$ -	\$ 230,000
Trunnion Friction Testing	\$ 65,000	
Unit Control Board Meter Replacement	\$ 42,000	
Unit Turbine Gage Board Inputs into SCADA - Design	\$ 4,000	
Upper Guide Bearing Oil Sample Ports		\$ 4,000
Warehouse Repairs	\$ 64,000	
<b>Operations</b>	<b>\$ 291,040</b>	<b>\$ 302,600</b>
Operating Expenses	\$ 291,040	\$ 302,600
<b>R</b>	<b>\$ 191,040</b>	<b>\$ 252,600</b>
Advertising - Dam	\$ -	\$ 1,200
CFP Cell Phones	\$ 1,600	\$ 8,400
CFP Telephones	\$ 7,000	\$ 10,800
CFP Vehicle Verizon Connect	\$ 540	\$ 2,300
COMMUNICATIONS - RADIOS, ETC	\$ 7,900	\$ 8,100
Communications Fiber - User Fee	\$ 48,500	\$ 48,500
Computer & Supplies		\$ 6,000
Dam Safety Consultant	\$ 62,000	\$ 64,000
Electric Utilities - Secondary Power Feed	\$ 11,500	\$ 11,800
Fall Protection Equipment	\$ 6,000	\$ 6,000
FERC Dam Movement Survey	\$ 8,400	\$ 8,800
FR Clothing - CFP	\$ 9,500	\$ 9,500
GARBAGE SERVICE - OPERATIONS	\$ 2,400	\$ 2,400
Operator Remote SCADA Communications	\$ 8,000	\$ 9,000
Operator Supplies - Dam	\$ -	\$ 1,500
Portable Restrooms - Dam	\$ -	
Respirator Fit Testing		\$ 1,500
Rope Access Gear	\$ 3,000	\$ 4,500
Security/Plant Locks	\$ 300	\$ 300

Budget		
	2022 R1	2023
Sedimentation Report Annual Updates		\$ -
Sedimentation Survey	\$ 5,200	\$ 5,800
Shelving & Furniture	\$ 7,000	\$ 40,000
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200
<b>N</b>	<b>\$ 100,000</b>	<b>\$ 50,000</b>
1D Sediment Transport Study	\$ 100,000	
Sedimentation Report		\$ 50,000
<b>Recreation</b>	<b>\$ 416,800</b>	<b>\$ 305,760</b>
Operating Expenses	\$ 416,800	\$ 305,760
<b>R</b>	<b>\$ 266,800</b>	<b>\$ 305,760</b>
Advertising	\$ 3,000	\$ 3,600
Boat Launch Sediment Removal	\$ 5,000	\$ 5,000
Building Maintenance	\$ 3,200	\$ 3,200
Campground Fire Pits Graveling	\$ 500	
Campground Hosts	\$ 120,000	\$ 125,000
Campground Internet	\$ 3,000	\$ 3,200
Campground Reservation Software	\$ 5,000	\$ 5,200
Campground Telephone	\$ 1,300	\$ 1,500
Campground Wood Chips	\$ 500	\$ 500
Contract Septic and Water Services	\$ 27,000	\$ 27,000
Contract Services (Backhoe, Gravel)		\$ -
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,700
Electric Utilities	\$ 6,400	\$ 11,500
EQUIPMENT REPAIRS - PARK	\$ 3,200	\$ 3,500
GARBAGE SERVICE - RECREATION	\$ 6,400	\$ 6,600
Group B Annual Operating Fee - Falls Road Well	\$ -	\$ 60
MAINTENANCE - GROUND	\$ 3,200	\$ 6,400
MAINTENANCE - SEWER & WATER SYSTEM	\$ 6,400	\$ 6,400
Noxious Weed Control	\$ 5,000	\$ -
Operation Supplies	\$ 2,200	\$ 2,200
Port Blakely Road Access Agreement	\$ 30,000	\$ 30,000
Port Blakely Road Maintenance	\$ 13,500	\$ 13,500
Portable Restrooms	\$ 2,300	\$ 15,000
Potable Water and Septic System Testing	\$ 2,000	\$ 2,200
Recreation Tree Removal*	\$ -	\$ 10,000
Repairs & Supplies	\$ 10,000	\$ 10,000
Septic System Maintenance - Recreation		\$ 6,000
Sign Replacements	\$ 2,200	\$ 2,500
Tools & Equipment - Recreation	\$ 3,000	\$ 3,000
<b>N</b>	<b>\$ 150,000</b>	

Budget		
	2022 R1	2023
Campground Restroom Improvements	\$ 30,000	
D-Loop Electrical Design & Feed Replacements	\$ 30,000	
Recreation Assessment	\$ 90,000	
<b>Taxes</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>
Taxes	\$ 65,100	\$ 65,100
<b>R</b>	<b>\$ 65,100</b>	<b>\$ 65,100</b>
County Taxes	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500
Privilege Tax	\$ 56,900	\$ 56,900
<b>Training &amp; Travel</b>	<b>\$ 191,850</b>	<b>\$ 97,735</b>
Operating Expenses	\$ 191,850	\$ 97,735
<b>R</b>	<b>\$ 191,850</b>	<b>\$ 97,735</b>
American Fisheries Society Meeting	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ 7,000	\$ 8,500
American Governor School		\$ -
ASDSO Conference	\$ 2,500	\$ 2,500
AVO Circuit Breaker Maintenance		\$ 5,000
AVO Electrical Series	\$ 4,350	\$ -
AVO Substation Maintenance I		\$ -
AVO Thermography I		\$ 5,000
CEATI - ANNUAL MEETING	\$ 3,000	\$ 10,500
CEATI - ASSET Management Meeting		\$ 1,800
CEATI - DSIG MEETING	\$ 2,200	\$ 4,400
CEATI - HPEIG MEETING		\$ 4,400
CEATI - HPLIG MEETING	\$ 2,800	
CLEAN CURRENTS CONFERENCE		\$ 6,000
EPTC Fundamentals of Electricity	\$ 7,200	
EPTC Generation Series	\$ 3,600	
EPTC Power Plant Operation		\$ -
EPTC Relay Protection		\$ -
EPTC Switching & Grounding		\$ 4,000
EPTC System Operations Personal Grounding	\$ 1,260	\$ 1,260
EPTC Transmission Series	\$ 3,600	\$ 1,875
HSI Online Training	\$ 800	\$ 800
HydroVision	\$ 3,000	\$ -
NW Hydro Forum	\$ 800	\$ 1,600
NWHA - ANNUAL MEETING	\$ 800	\$ 800
NWHA - WORKSHOP	\$ 500	\$ 2,000
NWPPA - LEADERSHIP TRAINING	\$ 3,400	\$ 3,400
OPERATOR TRAINING DEVELOPMENT 2022	\$ 130,000	



Budget		
	2022 R1	2023
TPC - ELECTRICAL WORKSHOP	\$ 4,350	\$ -
TPC - MECHANICAL FUNDAMENTALS AND TROUBL	\$ 2,390	\$ -
TRAINING - CRANE		\$ 6,500
TRAINING – FACTORY TALK	\$ -	\$ 3,500
TRAINING - MANLIFT/FORKLIFT		\$ 4,000
TRAINING - PESTICIDE APPLICATION	\$ 1,600	\$ 1,600
TRAINING – ROCKWELL AUTOMATION FAIR		\$ 3,800
TRAINING - SEL GENERATOR RELAY		\$ 4,800
TRAINING - WATER & WASTEWATER	\$ 1,200	\$ 1,200
TRAINING - WESTERN PROTECTIVE RELAY		\$ 3,000
Wildlife Classes	\$ 4,000	\$ 4,000
<b>Transmission</b>	<b>\$ 63,000</b>	<b>\$ 62,000</b>
Operating Expenses	\$ 63,000	\$ 62,000
<b>R</b>	<b>\$ 63,000</b>	<b>\$ 62,000</b>
ROW Maintenance*	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 3,000	\$ 2,000
<b>Wage, Benefits, &amp; Taxes</b>	<b>\$ 113,360</b>	<b>\$ 123,500</b>
Labor	\$ 113,360	\$ 123,500
<b>R</b>	<b>\$ 113,360</b>	<b>\$ 123,500</b>
OT Taxes	\$ 4,100	\$ 4,500
Social Security Medicare	\$ 109,260	\$ 119,000
Social Security Medicare - F&W Tech	\$ -	
<b>OR&amp;R</b>	<b>\$ 4,004,670</b>	<b>\$ 7,892,100</b>
<b>Fish &amp; Wildlife</b>	<b>\$ -</b>	<b>\$ -</b>
Capital	\$ -	\$ -
<b>O</b>	<b>\$ -</b>	<b>\$ -</b>
Wildlife Mitigation Land	\$ -	\$ -
<b>Fleet</b>	<b>\$ 37,000</b>	<b>\$ 85,000</b>
Capital	\$ 37,000	\$ 85,000
<b>O</b>	<b>\$ 37,000</b>	<b>\$ 85,000</b>
Mower	\$ 22,000	
RT Fork Lift		\$ 85,000
Truck Box Crane		\$ -
Vehicle	\$ 15,000	
<b>Maintenance</b>	<b>\$ 2,292,270</b>	<b>\$ 7,692,100</b>
Capital	\$ 2,292,270	\$ 7,692,100
<b>O</b>	<b>\$ 2,292,270</b>	<b>\$ 7,692,100</b>
5-Ton Bridge Crane	\$ 490,000	\$ 985,000
Boat Barrier Replacement - Alternative Analysis	\$ 35,000	
Boat Barrier Replacement - Design	\$ 41,375	\$ 60,000

Budget	2022 R1	2023
Debris Barrier Coating & Cathodic Protection - Design	\$ 60,000	
Downstream Notification Siren - Design		\$ 10,000
Downstream Notification Siren - Installation		\$ -
Elevator Roof Access - Design	\$ 10,000	
Elevator Roof Access - Installation		\$ 25,000
Exciter Brush Dust Vacuum System	\$ 92,200	
Generator Hatch Cover Seals & Drains	\$ 25,000	\$ 215,000
Lathe	\$ 18,000	
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000	
New Facility - Site Preparation	\$ 60,000	\$ 1,668,100
Revenue Meters	\$ 24,000	
Roadway Gates	\$ 12,000	\$ 18,000
Roadway Lighting	\$ 20,000	
Sluice Gate Replacement - CFD & Physical Model D	\$ 115,605	
Sluice Gate Replacement - Design 1	\$ 372,000	
Sluice Gate Replacement - Design 2		\$ 867,700
Sonar & Turbidity Sensors	\$ 25,000	
South Downstream Abutment Wall Handrail	\$ 27,000	
Spillway 4 Rail Extension - Construction		\$ 3,768,300
Spillway 4 Rail Extension - Design	\$ 330,025	
Spillway Gate Hoist Covers - Construction	\$ 95,000	
Spillway Gate Hoist Covers - Design	\$ 25,000	
Spillway Handrail & Guardrail	\$ 226,585	
Transmission Line Access - Bridge Replacement Design		\$ 75,000
Trash Rake - Alternative Analysis	\$ 86,850	
Trash Removal System - Alternative Analysis	\$ 76,630	
<b>Operations</b>	<b>\$ 75,400</b>	<b>\$ 105,000</b>
Capital	\$ 75,400	\$ 105,000
<b>O</b>	<b>\$ 75,400</b>	<b>\$ 105,000</b>
Major Office & Network Equipment	\$ 25,400	\$ 25,000
Security Improvements	\$ 50,000	\$ 80,000
<b>Recreation</b>	<b>\$ 1,600,000</b>	<b>\$ 10,000</b>
Capital	\$ 1,600,000	\$ 10,000
<b>O</b>	<b>\$ 1,600,000</b>	<b>\$ 10,000</b>
Copper Canyon Take Out Site Improvements	\$ 1,600,000	
Day Use Park Flat Water Kayak Take Out		\$ 10,000
<b>Special O&amp;M</b>	<b>\$ 4,180,950</b>	<b>\$ 4,833,390</b>
<b>General</b>	<b>\$ 1,004,700</b>	<b>\$ 1,169,040</b>
Admin & General	\$ 1,004,700	\$ 1,169,040
<b>R</b>	<b>\$ 1,004,700</b>	<b>\$ 1,099,040</b>

Budget		
	2022 R1	2023
A&G Exhibit F	\$ 371,600	\$ 414,080
ASDSO - Government Membership	\$ -	\$ 60
Auditing - Accountability	\$ 2,300	\$ 2,350
Auditing - Financial	\$ 19,000	\$ 19,450
CEATI - MEMBERSHIP	\$ 65,300	\$ 65,300
CEATI - PROJECTS	\$ 30,000	\$ 15,000
Compliance Consultant	\$ 65,000	\$ 65,000
Document Management Software		\$ 50,000
FERC Annual Fee	\$ 100,000	\$ 103,000
Fire District Payment	\$ 19,500	\$ 20,000
INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS	\$ 7,200	\$ 7,500
INSURANCE - EXCESS LIABILITY	\$ 25,000	\$ 26,000
INSURANCE - LIABILITY	\$ 10,500	\$ 11,000
INSURANCE - PROPERTY	\$ 200,000	\$ 210,000
LEGAL SERVICES - BIOP & FERC ISSUES	\$ 24,200	\$ 25,000
LEGAL SERVICES - GENERAL ISSUES	\$ 20,000	\$ 20,000
Long Range Plan Analysis	\$ 35,000	\$ 35,000
NWHA Membership	\$ 800	\$ 1,000
OFFICE SUPPLIES AND EXPENSES	\$ 9,300	\$ 9,300
<b>N</b>	\$ -	\$ <b>70,000</b>
Budget Facilitator	\$ -	
Document Scanning		\$ 5,000
Infrastructure Grant Proposal (HDR)		\$ 50,000
Records Clean Up		\$ 15,000
<b>Operations</b>	\$ <b>39,000</b>	\$ <b>48,600</b>
Operating Expenses	\$ 39,000	\$ 48,600
<b>R</b>	\$ <b>39,000</b>	\$ <b>48,600</b>
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 22,500
CF Vehicle Maintenance	\$ 12,000	\$ 15,000
CONSUMABLE SUPPLIES - FIRST AID	\$ 3,200	\$ 3,200
CONSUMABLE SUPPLIES - JANITORIAL	\$ 1,300	\$ 1,300
CONSUMABLE SUPPLIES - SAFETY & PPE	\$ 6,500	\$ 6,600
<b>Training &amp; Travel</b>	\$ <b>23,800</b>	\$ <b>26,800</b>
Admin & General	\$ 23,800	\$ 26,800
<b>R</b>	\$ <b>23,800</b>	\$ <b>26,800</b>
ARC FLASH TRAINING		\$ 3,000
NWPPA - ADMIN ASST TRAINING	\$ 2,400	\$ 2,400
TRAINING - COMPUTER	\$ 800	\$ 800
Training - Confined Space		\$ 8,000
TRAINING - FALL PROTECTION	\$ 8,000	

Budget		
	2022 R1	2023
TRAINING - ROPE ACCESS	\$ 8,000	\$ 8,000
WPUDA - ADMIN ROUNDTABLE	\$ 600	\$ 600
WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING	\$ 4,000	\$ 4,000
<b>Wage, Benefits, &amp; Taxes</b>	<b>\$ 3,113,450</b>	<b>\$ 3,588,950</b>
Labor	\$ 3,113,450	\$ 3,588,950
<b>R</b>	<b>\$ 3,113,450</b>	<b>\$ 3,588,950</b>
Employee Medical Insurance	\$ 387,700	\$ 445,800
Employee Medical Insurance - F&W Tech	\$ -	
Employer PERS	\$ 136,860	\$ 156,100
Employer PERS - F&W Tech	\$ -	
ES Support Overhead	\$ 400,300	\$ 402,370
ES Support Overhead - Administrative		\$ 2,260
ES Support Overhead - IS/IT	\$ -	\$ 21,365
ES Support Overhead - Purchasing	\$ -	\$ 80,205
ES Support Wages	\$ 572,740	\$ 576,045
ES Support Wages - Administrative		\$ 3,240
ES Support Wages - IS/IT	\$ -	\$ 30,590
ES Support Wages - Purchasing	\$ -	\$ 114,825
Flu Shot Clinics	\$ 400	\$ 400
L&I - Employer	\$ 18,800	\$ 22,800
L&I - Employer - F&W Tech	\$ -	
Long Term Disability	\$ 3,540	\$ 4,100
Long Term Disability - F&W Tech	\$ -	
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000	\$ 5,000
Misc Pension & Benefits, CDL, Medical Exam, etc -	\$ -	
OT Benefits	\$ 8,900	\$ 7,400
OT Wages	\$ 53,400	\$ 59,100
Paid Family Leave Benefit	\$ 2,540	\$ 3,050
Paid Family Leave Benefit - F&W Tech	\$ -	
PCORI ACA Requirement	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 5,000
PL to VEBA Cash Out	\$ 5,000	\$ 16,000
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000	\$ 20,000
Short Term Disability	\$ 2,000	\$ 2,000
Short Term Disability - F&W Tech	\$ -	
Standby Pay	\$ 38,300	\$ 39,500
Term Insurance Benefit	\$ 1,240	\$ 1,000
Term Insurance Benefit - F&W Tech	\$ -	
VEBA Benefit	\$ 13,350	\$ 15,000
VEBA Benefit - F&W Tech	\$ -	

Budget		
	2022 R1	2023
Wages	\$ 1,428,280	\$ 1,555,700
Wages - F&W Tech	\$ -	
<b>Wheeling</b>	\$ 768,000	\$ 791,000
Wheeling	\$ 768,000	\$ 791,000
Wheeling	\$ 768,000	\$ 791,000
R	\$ 768,000	\$ 791,000
Transmission Wheeling - Offset Entry	\$ 768,000	\$ 791,000
<b>REV</b>	\$ (12,073,100)	\$ (16,569,325)
Wheeling	\$ (768,000)	\$ (791,000)
Wheeling	\$ (768,000)	\$ (791,000)
R	\$ (768,000)	\$ (791,000)
Transmission Wheeling - Rev Entry	\$ (768,000)	\$ (791,000)
<b>Project Reimbursement</b>	\$ (11,206,100)	\$ (15,483,325)
Project Reimbursement / Revenue	\$ (11,206,100)	\$ (15,483,325)
R	\$ (11,206,100)	\$ (15,483,325)
BPA Project Reimbursement	\$ (10,505,585)	\$ (11,354,940)
BPA Project Reimbursement - 2021 Carry Over	\$ (700,515)	
BPA Project Reimbursement - Deferred	\$ -	\$ (3,768,300)
BPA Project Reimbursement - Pending		\$ (107,600)
BPA Project Reimbursement - Pending SL		\$ (252,485)
<b>Project Revenue</b>	\$ (99,000)	\$ (295,000)
Project Reimbursement / Revenue	\$ (99,000)	\$ (295,000)
R	\$ (99,000)	\$ (295,000)
Campground Revenue (Net of Service Fees)	\$ (95,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (200,000)
<b>Grand Total</b>	\$ -	\$ -

**From:** Brad Ford  
**Sent:** Sat Oct 08 15:02:30 2022  
**To:** Smith,Glen A (BPA) - PG-5; Sonoda,Cherie D (BPA) - PGAC-RICHLAND  
**Cc:** Joe First; Nichole Lantau  
**Subject:** [EXTERNAL] RE: \*\*EXTERNAL EMAIL\*\* Preferred Budget Format  
**Importance:** Normal  
**Attachments:** image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg; CFP 2022 - 2029 Preferred Format.xlsx

Hi,

Attached is a cut and paste of values (no formulas) in the preferred budget format.

Brad  
360.740.2417

**From:** Smith,Glen A (BPA) - PG-5 <gasmith@bpa.gov>  
**Sent:** Thursday, October 6, 2022 3:06 PM  
**To:** Brad Ford <bradf@lcpud.org>; Joe First <joef@lcpud.org>; Nichole Lantau <Nicholel@lcpud.org>  
**Cc:** Sonoda,Cherie D (BPA) - PGAC-RICHLAND <csonoda@bpa.gov>  
**Subject:** \*\*EXTERNAL EMAIL\*\* Preferred Budget Format

**CAUTION! This email originated from outside the organization please do not click links or open attachments unless you recognize the sender and know the content is safe!**

Brad, Joe and Nicole,

Here is general format that I have centered my spreadsheet on.

If possible, it would be convenient to continue with this format.

Thanks,

Glen

**Glen A. Smith**  
Senior Policy Advisor | PG-5  
**Bonneville Power Administration**  
gasmith@bpa.gov | P 503-230-3105 | C (b)(6)



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## Brad Ford

Chief Financial Officer | Lewis County PUD | [www.lcpud.org](http://www.lcpud.org)  
o:(360) 748-9261 | d:(360) 740-2417 | e:[bradf@lcpud.org](mailto:bradf@lcpud.org)  
321 NW Pacific Ave | PO Box 330 | Chehalis, WA 98532-0330

Public Utility District No. 1 of Lewis County is required to comply with the Washington Public Records Act, RCW Ch.42.56. Information submitted via e-mail, including personal information may be subject to disclosure as a public record.

**Cowlitz Falls Direct Labor Report**

<u>FY 2024</u>	<u>Positions</u>	<u>Hours</u>	<u>Wages</u>	<u>Benefits</u>	<u>Taxes</u>	<u>Total Cost</u>
<b>CF</b>						
Generation Manager	1	2,080	\$ 165,497	\$ 48,648	\$ 12,661	\$ 226,806
Generation Superintendent	2	4,160	\$ 287,683	\$ 111,355	\$ 22,008	\$ 421,046
Recreation & Wildlife Supervisor	1	2,080	\$ 111,525	\$ 42,243	\$ 8,532	\$ 162,300
Resource Worker	1	2,080	\$ 94,026	\$ 51,867	\$ 7,193	\$ 153,086
Resource Worker - Lead	1	2,080	\$ 101,337	\$ 43,136	\$ 7,752	\$ 152,225
Summer Seasonal	4	2,400	\$ 55,304	\$ 2,823	\$ 4,231	\$ 62,359
Project Engineer	2	4,160	\$ 230,777	\$ 99,206	\$ 17,654	\$ 347,637
Fish & Wildlife Technician	1	2,080	\$ 88,694	\$ 41,635	\$ 6,785	\$ 137,114
CF Admin Assistant	1	2,080	\$ 75,293	\$ 47,543	\$ 5,760	\$ 128,595
Journeyman Operator - Maintenance	4	8,320	\$ 472,910	\$ 218,958	\$ 36,178	\$ 728,045
Sr Journeyman Operator - Maintenance	1	2,080	\$ 133,013	\$ 56,494	\$ 10,176	\$ 199,683
<b>Grand Total</b>		<b>33,600</b>	<b>\$ 1,816,059</b>	<b>\$ 763,908</b>	<b>\$ 138,929</b>	<b>\$ 2,718,896</b>



2023 Budget OR&R			
Detail	Life	Blue Book ID	Budget
5-Ton Bridge Crane	50	294	\$ 985,000
Boat Barrier Replacement - Design	25	48	\$ 60,000
Day Use Park Flat Water Kayak Take Out	100	136	\$ 10,000
Downstream Notification Siren - Design	15	35	\$ 10,000
Downstream Notification Siren - Installation	15	35	\$ -
Elevator Roof Access - Installation	100	236	\$ 25,000
Generator Hatch Cover Seals & Drains	25	32	\$ 215,000
Major Office & Network Equipment	5	701	\$ 25,000
New Facility - Site Preparation	50	90	\$ 1,668,100
Roadway Gates	50	317	\$ 18,000
RT Fork Lift	20	677	\$ 85,000
Security Improvements	7	726	\$ 80,000
Sluice Gate Replacement - Design 2	50	241	\$ 867,700
Spillway 4 Rail Extension - Construction	100	236	\$ 3,768,300
Transmission Line Access - Bridge Replacement Design	75	223	\$ 75,000
<b>Grand Total</b>			<b>\$ 7,892,100</b>

**BPA 2023 Budget Reimbursement Schedule**

	2023 Budget
January-23	\$ 946,245
February-23	\$ 946,245
March-23	\$ 946,245
April-23	\$ 946,245
May-23	\$ 946,245
June-23	\$ 946,245
July-23	\$ 946,245
August-23	\$ 946,245
September-23	\$ 946,245
October-23	\$ 946,245
November-23	\$ 946,245
December-23	\$ 946,245

<b>Total Scheduled Payments</b>	<b>\$ 11,354,940</b>
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<b>Operating Working Capital</b>	<b>\$ 350,500</b>
<b>Days Cash On Hand (DCOH)</b>	<b>\$ 11</b>

<b>Deferred Funding Total</b>	<b>\$ 3,768,300</b>
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<b>Pending Funding Total</b>	<b>\$ 107,600</b>
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<b>Pending SL Funding Total</b>	<b>\$ 252,485</b>
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