



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

FREEDOM OF INFORMATION ACT/PRIVACY PROGRAM

June 17, 2021

In reply refer to: FOIA #BPA-2021-00041-F

Released via Email

Michael Deckert

(b) (6)

Dear Mr. Deckert,

This communication concerns your request for Bonneville Power Administration (BPA) records made under the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). Your request was received on October 7, 2020, and acknowledged on October 19, 2020.

Request

“[agency] records from January 1, 2020 to October 7, 2020 related to [,] or containing information about [,] recreation, or a third unit study [,] at the Cowlitz Falls project [FERC no.] P-2833.”

Response

BPA searched for and gathered 642 pages of agency records responsive to your request from the agency’s Contract Generating Resources office. As described in prior agency letters to you, those records were reviewed and processed under the requirements of 5 U.S.C. § 552(b). Of the 642 pages gathered and reviewed, 550 pages accompany this communication, released in full with no redactions applied, and 92 pages accompany this communication with redactions applied under 5 U.S.C. § 552(b)(6) (Exemption 6). A more detailed explanation of the applied exemptions follows.

Explanation of Exemptions

The FOIA generally requires the release of all agency records upon request. However, the FOIA permits or requires withholding certain limited information that falls under one or more of nine statutory exemptions (5 U.S.C. §§ 552(b)(1-9)). Further, section (b) of the FOIA, which contains the FOIA’s nine statutory exemptions, also directs agencies to publicly release any reasonably segregable, non-exempt information that is contained in those records.

Exemption 6

Exemption 6 serves to protect Personally Identifiable Information (PII) contained in agency records when no overriding public interest in the information exists. BPA does not find an overriding public interest in a release of the information redacted under Exemption 6—specifically, personal email address and personal telephone numbers and signatures. This information sheds no light on the executive functions of the agency and BPA finds no overriding public interest in its release. BPA cannot waive these redactions, as the protections afforded by Exemption 6 belong to individuals and not to the agency.

Additionally, as required by 5 U.S.C. § 552(a)(8)(A), information has been withheld only in instances where (1) disclosure is prohibited by statute, or (2) BPA foresees that disclosure would harm an interest protected by the exemption cited for the record. When full disclosure of a record is not possible, the FOIA statute further requires that BPA take reasonable steps to segregate and release nonexempt information. The agency has determined that in certain instances partial disclosure is possible, and has accordingly segregated the records into exempt and non-exempt portions.

Lastly, two responsive video files were located. BPA believes that you were the source of those two video records, and so they are not included in this records release. Please respond to this communication if you would like to have those two video files sent to you.

Fees

There are no fees associated with processing your FOIA request.

Certification

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the records searches, redactions, and the records releases described above. Your FOIA request BPA-2021-00041-F is now closed with all available responsive agency records provided.

Appeal

The adequacy of the search may be appealed within 90 calendar days from your receipt of this letter pursuant to 10 C.F.R. § 1004.8. Appeals should be addressed to:

Director, Office of Hearings and Appeals
HG-1, L'Enfant Plaza
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585-1615

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to OHA.filings@hq.doe.gov, including the phrase “Freedom of Information Appeal” in the subject line. (The Office of Hearings and

Appeals prefers to receive appeals by email.) The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE's records are situated, or (4) in the District of Columbia.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road-OGIS
College Park, Maryland 20740-6001
E-mail: ogis@nara.gov
Phone: 202-741-5770
Toll-free: 1-877-684-6448
Fax: 202-741-5769

Thank you for your noted patience as the agency worked to respond to your FOIA request. Questions about this communication may be directed to the agency's FOIA Public Liaison, Jason Taylor, at jetaylor@bpa.gov or 503-230-3537. Questions may also be directed to James King, CorSource Technology Group LLC, at jjking@bpa.gov or 503-230-7621.

Sincerely,



Candice D. Palen
Freedom of Information/Privacy Act Officer

[Responsive agency records accompany this communication.](#)

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: Chris Roden <chrisr@lcpud.org>
Sent: Wednesday, February 26, 2020 5:49 PM
To: Connolly,Kieran P (BPA) - PG-5; Carlson,Debbie (BPA) - PGAC-RICHLAND
Cc: Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Thomas Beebe; Joe First; Brad Ford; Matt Samuelson; Doug Streeter CPA; Allen Unzelman; Todd,Wayne A (BPA) - PGA-6; Stacy Davis
Subject: [EXTERNAL] CFP 2020 Revised Budget
Attachments: 2020 Revised CFP Budget and Letter.pdf; 2020 Revised CFP Budget Detail.pdf

Good Afternoon,

Attached is a revised Cowlitz Falls (CFP) budget for FY 2020. Please let us know if you have questions. We additionally request a formal response accepting the revised budget within 30 days.

Chris

Chris Roden

General Manager | Lewis County PUD | www.lcpud.org
p:(360) 748-9261 | d:(360) 740-2435 | e:chrisr@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.

Lewis County
PUBLIC UTILITY DISTRICT

P.O. BOX 330 CHEHALIS, WA 98532 • 321 N.W. PACIFIC AVENUE CHEHALIS, WA 98532
(800) 562-5612 • (360) 748-9261 • FAX (360) 740-2455 • www.lcpud.org

Mr. Kieran Connolly
Vice President
Generation Asset Management
Bonneville Power Administration
PO Box 3621
Portland, OR 97208-3621

RE: PGAC/Richland

Dear Mr. Connolly:

Over the past several months, Lewis PUD has endeavored to address Bonneville's concerns regarding the FY 2020 budget for the Cowlitz Falls Project ("Project"). As stated in my January 10, 2020 letter, Lewis PUD objects to Bonneville's continuing unilateral mandate that the costs of the Project be held constant from year to year. The imposition of this mandate is causing the deferral of necessary maintenance and investment in the Project, as well as the hiring of staff needed to maintain the Project's safety, reliability and good working order.

While Lewis PUD understands the competitive pressures that Bonneville is facing, the fact is that Bonneville's year-over-year no-new-cost mandates place Bonneville's interest in reducing cost pressures it faces in order to remain competitive above its obligations to the Project. This results in Bonneville violating the fiduciary obligations it has assumed for the Project,¹ and violating its contractual obligations set forth in Section 7 of the Power Purchase Agreement ("Agreement"), which require Bonneville to discharge its duties in a manner that:

- Operates the properties of the Project and the business in connection therewith in an efficient, reliable manner and at the lowest reasonable cost consistent with the objective of achieving the longest reasonable operating life of the Project;²
- Maintains, preserves and keeps the Project in reasonably good repair, working order and condition;³ and

¹ See, Bonneville's Notes from Meeting of May 7, 2018, attached to Email dated November 20, 2018 from Debbie Carlson to Lewis PUD Staff (stating, "BPA also views itself as a trustee of sorts for all FCRPS facilities, including the CFP").

² Power Purchase Agreement, Sec. 7(b).

³ *Id.* at Sec. 7(c).

- Makes all necessary and proper repairs, renewals, replacements, additions, improvements and betterments so that the business carried on at the Project shall be properly and advantageously conducted.⁴

At the same time, it is our desire to proceed in a manner that finalizes the FY 2020 budget as soon as possible and avoids any interruption in Project operations. To this end, I enclose a revised FY 2020 budget that we believe should be agreeable based on recent communications with Bonneville staff. Given that we are nearly 5 months into the fiscal year, this budget represents a path forward that satisfies Bonneville's requirements for FY2020.

Lewis PUD is accepting this budget under protest and is waiving its contractual objections to the proposed FY2020 budget conditioned on BPA's approval of the enclosed revised FY 2020 budget.

Although Lewis PUD is willing to accept this budget as a way to move forward with FY 2020 operations, pursuant to Section 38 of the Agreement, the agreement of Lewis PUD to the FY 2020 budget, and any item contained therein, does not constitute a waiver of any contractual objections to future Project budgets or any item they may contain, and Lewis PUD expressly preserves all of its rights under the Agreement as to future years and future Project budgets..

As we look forward to the formation of the FY 2021 budget, it is our hope that Bonneville will engage with Lewis PUD in a good-faith assessment of all costs that are necessary to fulfill the obligations under Section 7 of the Agreement, and not direct that Project costs be held constant year-over-year without analysis of the needs of the Project. Lewis PUD remains committed to being a good steward of the Project and looks forward to your response to the enclosed revised budget.

Sincerely,

(b) (6)

Chris Roden
Public Utility District #1 of Lewis County
Manager

⁴ *Id.* at Sec. 7(d).

Dept	Account Description	Detail	GL	2020	
CF	A&G	Bank Fees	2-08-921-000	\$ 1,000	
		Communications Fiber - User Fee	2-08-921-000	\$ 6,000	
		County Taxes	2-08-921-000	\$ 1,000	
		Licenses & Permits	2-08-921-000	\$ 6,400	
		Misc	2-08-921-000	\$ 5,400	
		Office Supplies	2-08-921-000	\$ 8,000	
	CFP - PROFESSIONAL SERVICES	Auditing	2-08-923-000	\$ 21,000	
		Budget Cost Analysis	2-08-923-000	\$ 30,000	
		Computer Services Provided by E.S.	2-08-923-000	\$ 5,600	
		Dam Safety Consultant	2-08-923-000	\$ 84,000	
		Engineering Consultants	2-08-923-000	\$ 25,000	
		Fire Districts	2-08-923-000	\$ 17,700	
		Labor Consultant	2-08-923-000	\$ 1,000	
		Legal Services (BiOp & FERC Issues)	2-08-923-000	\$ 21,200	
		Legal Services (General Issues)	2-08-923-000	\$ 20,000	
		Long Range Plan Analysis	2-08-923-000	\$ 75,000	
		Telephone Provided by E.S.	2-08-923-000	\$ 3,300	
		WECC & NERC Consultants	2-08-923-000	\$ 72,100	
		CFP-Fish & Wildlife	Cispus Fish Release Site Improvements	2-08-537-010	\$ 4,000
			Creel Study	2-08-537-010	\$ 18,000
	Fish & Wildlife Contract Services (RTL Consulting)		2-08-537-010	\$ 10,000	
	Habitat Management; Fertilizer, Spraying, Plants		2-08-537-010	\$ 8,400	
	Kid's Trout Derby		2-08-537-010	\$ 5,000	
	Mitigation Trout Program		2-08-537-010	\$ 40,500	
	Noxious Weed Control Contractor		2-08-537-010	\$ 8,800	
	Electric Plant - Generation Only		Electrical Parts	2-08-544-000	\$ 12,000
			GSU Transformer Drawings	2-08-544-000	\$ 20,000
			Instrumentation Parts	2-08-544-000	\$ 8,000
		Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400	
		Mechanical Parts	2-08-544-000	\$ 12,000	
		Protective Relay Testing	2-08-544-000	\$ 28,000	
		Scroll Case & Draft Tube Valves	2-08-544-000	\$ 15,000	
		Transformer Oil Processing & Testing	2-08-544-000	\$ 1,000	
	Endangered Species Act Requirements	Habitat & Fish Recovery Services (WDFW)	2-08-537-060	\$ 10,000	
		Insurance	Auto	2-08-924-000	\$ 6,000
	Excess Liability Insurance		2-08-924-000	\$ 13,000	
	Liability Insurance		2-08-924-000	\$ 22,500	
	Property Insurance		2-08-924-000	\$ 158,500	
	License Compliance	FERC Fixed Fees	2-08-928-000	\$ 61,300	
		Port Blakely Easement	2-08-928-000	\$ 16,000	
USGS Gauging Station Fees		2-08-928-000	\$ 37,300		
Misc Expenses	CEATI Membership	2-08-539-000	\$ 36,000		
	CF Project Telephones	2-08-539-000	\$ 7,000		
	CFP Cell Phones	2-08-539-000	\$ 1,600		
	Communications (Radios, etc.)	2-08-539-000	\$ 5,900		
	Ecology Water Tax	2-08-539-000	\$ 7,500		
	Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 10,900		
	Garbage Service	2-08-539-000	\$ 2,200		
	NWHA Membership	2-08-539-000	\$ 800		
	Operator Remote SCADA Communications	2-08-539-000	\$ 8,000		
	Radio / Pager System Improvements	2-08-539-000	\$ 2,000		
	Security - Locks, Signs, etc.	2-08-539-000	\$ 1,500		
	Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400		
	Shelving & Furniture	2-08-539-000	\$ 2,000		

Dept	Account Description	Detail	GL	2020
2-F	Misc Expenses	Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200
	Misc Hydraulic Plant	Inspections	2-08-545-000	\$ 2,200
		Buffer Zone Management	2-08-545-000	\$ 1,000
		Contract Crane Inspections	2-08-545-000	\$ 12,600
		Control Room / Office Area Repairs	2-08-545-000	\$ 40,000
		Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 20,000
		Drainage System	2-08-545-000	\$ 3,000
		HVAC	2-08-545-000	\$ 3,200
		Manuals, Major Tools, Safety Improvements	2-08-545-000	\$ 12,200
		Modular Office Space	2-08-545-000	\$ 40,000
		Plant Lighting	2-08-545-000	\$ 1,000
		Plant Water Wells & Testing	2-08-545-000	\$ 1,200
		Road Fees	2-08-545-000	\$ 4,200
		Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 1,600
		Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 10,000
		Warehouse Repairs	2-08-545-000	\$ 60,000
	Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	\$ 1,000
		Automatic Transfer Switch Drawings	2-08-543-000	\$ 18,000
		Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000
		Contract Maintenance Elevator	2-08-543-000	\$ 14,800
		Dam Instrumentation	2-08-543-000	\$ 4,000
		Debris Barrier	2-08-543-000	\$ 6,000
		Debris Barrier Cathodic Protection Design	2-08-543-000	\$ 30,000
		Debris Barrier Coating Design	2-08-543-000	\$ 25,000
		Debris Removal	2-08-543-000	\$ 1,000
		Diving Services	2-08-543-000	\$ 12,000
		Equipment Rental	2-08-543-000	\$ 18,900
		Gantry Crane Remote Control Drawings	2-08-543-000	\$ 35,000
		Governor	2-08-543-000	\$ 1,000
		Governor Selsyns	2-08-543-000	\$ 15,000
		Log Bronc Maintenance	2-08-543-000	\$ 1,000
		Mechanical & Piping	2-08-543-000	\$ 6,600
		Metal	2-08-543-000	\$ 6,000
		Painting & Special Coatings	2-08-543-000	\$ 3,200
		Plant Annunciator	2-08-543-000	\$ 40,000
		Replacement of Project SCADA	2-08-543-000	\$ 900,000
		Spillway Gates	2-08-543-000	\$ 3,000
		Turbidity Sensor Communication	2-08-543-000	\$ 960
	Supervision & Engineering - Non Labor	FERC Dam Movement Survey	2-08-535-002	\$ 8,400
		Sedimentation Survey	2-08-535-002	\$ 5,200
	Transmission Line	ROW Maintenance	2-08-571-002	\$ 50,000
		Transmission Line Corridor Planting	2-08-571-002	\$ 20,000
	Recreation	Advertising	2-08-545-020	\$ 3,000
		Building Maintenance	2-08-545-020	\$ 3,200
		Campground Hosts	2-08-545-020	\$ 111,000
		Campground Internet	2-08-537-020	\$ 1,500
		Campground Reservation Software	2-08-537-020	\$ 4,800
		Campground Telephone	2-08-537-020	\$ 1,300
		Contract Septic and Water Services	2-08-545-020	\$ 25,000
		Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 4,000
		Contract Services (Dock Installation and Removal)	2-08-545-020	\$ 2,500
		Contract Services (Sweeping)	2-08-545-020	\$ 8,000
		Electric Utilities	2-08-537-020	\$ 6,000

Dept	Account Description	Detail	GL	2020		
2-08	Recreation	Garbage Service	2-08-537-020	\$ 6,000		
		Ground Maintenance	2-08-545-020	\$ 2,200		
		Noxious Weed Control	2-08-545-020	\$ 5,000		
		Open/Close Packwood Gate	2-08-545-020	\$ 2,500		
		Operation Supplies	2-08-537-020	\$ 2,200		
		Park Equipment Repairs	2-08-545-020	\$ 3,200		
		Portable Restrooms	2-08-537-020	\$ 2,100		
		Repairs & Supplies	2-08-537-020	\$ 8,200		
		Sewer & Water System Maintenance	2-08-545-020	\$ 4,400		
		Sign Repair	2-08-545-020	\$ 2,200		
		Tools & Equipment	2-08-545-020	\$ 2,000		
		Water and Septic Testing	2-08-537-020	\$ 2,000		
		GENERAL	CFP WAGES	Wages	2-00-926-999	\$ 1,269,900
			CFP WAGES - OVER TIME - BENEFITS	OT Benefits	2-00-926-999	\$ 7,800
			CFP WAGES - OVER TIME - STANDBY	Standby Pay	2-00-926-999	\$ 36,000
			CFP WAGES - OVER TIME - TAXES	OT Taxes	2-00-926-999	\$ 4,000
			CFP WAGES - OVER TIME - WAGES	OT Wages	2-00-926-999	\$ 52,200
	EMPLOYEE MEDICAL INSURANCE	Employee Medical Insurance	2-00-926-110	\$ 319,000		
	ES SUPPORT OVERHEAD	ES Support Overhead	2-00-926-999	\$ 268,200		
	ES SUPPORT WAGES	ES Support Wages	2-00-926-999	\$ 389,700		
	FLU SHOT CLINICS	Flue Shot Clinics	2-00-926-140	\$ 400		
	Health, Welfare, Safety	Arc Flash Training	2-00-925-102	\$ 3,000		
		Rope Access Training	2-00-925-102	\$ 8,000		
	L&I - Employer	L&I - Employer	2-00-926-400	\$ 15,600		
	Long Term Disability	Long Term Disability	2-00-926-300	\$ 3,200		
	Misc Expenses	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000		
		CF Vehicle Maintenance	2-00-184-012	\$ 12,000		
	MISC PENSION AND BENEFITS	Misc HR Expenses	2-00-926-000	\$ 5,000		
	PCORI FEES	ACA Requirement	2-00-926-120	\$ 100		
	PERS - Employer	PERS	2-00-926-200	\$ 156,900		
	PL Cash Out	PL Cash Out	2-00-242-200	\$ 15,000		
	SHORT TERM DISABILITY(EMPLOYER)	Short Term Disability Benefit	2-00-926-700	\$ 2,000		
	SOCIAL SECURITY MEDICARE	Social Security Medicare	2-00-926-999	\$ 97,200		
	TAXES - PRIVILEGE	Privilege Tax	2-00-408-200	\$ 56,900		
	Term Ins Benefit	Term Ins Benefit	2-00-926-300	\$ 1,200		
	VEBA - Employer	VEBA Benefit	2-00-926-800	\$ 12,200		
	VEBA CASHOUT	VEBA Cash Out	2-00-926-600	\$ 5,000		
	WA Paid Family Medical Leave - Employer	Paid Family Leave Benefit	2-00-926-500	\$ 1,900		
	RETIREE/COBRA - PREMIUMS & CLAIMS	COBRA	2-00-926-100	\$ 20,000		
	Project Revenue	BPA Project Reimbursement	2-00-456-200	\$ (5,007,260)		
		BPA Project Reimbursement (Carry Over)	2-00-456-200	\$ (500,000)		
		Campground Revenue	2-00-417-000	\$ (100,000)		
		Interest Income	2-00-419-000	\$ (3,000)		
		Misc. Revenue	2-00-456-300	\$ (10,000)		
	Transportation Equipment	Dump Trailer	2-00-392-012	\$ 7,000		
		Flatbed Trailer	2-00-392-012	\$ 3,000		
		Two Lift gates	2-00-392-012	\$ 7,000		
		Vehicle for Gen Superintendent	2-00-392-012	\$ 30,000		
		Vehicle for Operators	2-00-392-012	\$ 38,000		
SPCF	SPCF - Structures - Non Labor	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300		
	SPCF - A&G Training and Travel - Detail	American Fisheries Society Meeting	2-09-921-002	\$ 1,500		
		AVO Thermography I	2-09-921-002	\$ 5,000		
		CEATI Annual Meeting	2-09-921-002	\$ 2,000		
		CEATI DSIG Meeting	2-09-921-002	\$ 1,400		

Dept	Account Description	Detail	GL	2020
SPCF	SPCF - A&G Training and Travel - Detail	CEATI HPLIG Meeting	2-09-921-002	\$ 1,400
		Computer Training	2-09-921-002	\$ 800
		EPTC Switching & Grounding	2-09-921-002	\$ 7,000
		EPTC Elect. Fundamentals	2-09-921-002	\$ 7,000
		EPTC Power Plant Operation	2-09-921-002	\$ 7,000
		EPTC Relay Protection	2-09-921-002	\$ 3,500
		HydroVision	2-09-921-002	\$ 2,000
		NW Hydro Forum	2-09-921-002	\$ 400
		NWHA Annual Meeting	2-09-921-002	\$ 500
		NWHA Workshop	2-09-921-002	\$ 600
		NWPPA Admin Asst. Training	2-09-921-002	\$ 2,400
		NWPPA Leadership Training	2-09-921-002	\$ 3,400
		Pesticide Application Training	2-09-921-002	\$ 800
		Records Training	2-09-921-002	\$ 700
		TPC Elect. Workshop	2-09-921-002	\$ 6,000
		Water / Wastewater Training	2-09-921-002	\$ 1,200
		WPUDA Admin Roundtable	2-09-921-002	\$ 600
		WPUDA Records Roundtable	2-09-921-002	\$ 300
	SPCF - Supplies & Expenses - Non Labor	Consumable First Aid Supplies	2-09-539-002	\$ 3,200
		Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400
		Fall Protection Equipment	2-09-539-002	\$ 1,500
		FR Clothing	2-09-539-002	\$ 8,000
		Rope Access Gear	2-09-539-002	\$ 1,500
		Small Tools	2-09-539-002	\$ 2,500
Grand Total				\$ -

BPA FY 2020 Budgeted Reimbursement Schedule

Revised 2/20/2020

	FY 2020
October-19	\$ 417,272
November-19	\$ 417,272
December-19	\$ 417,272
January-20	\$ 417,272
February-20	\$ 417,272
March-20	\$ 417,272
April-20	\$ 417,272
May-20	\$ 417,272
June-20	\$ 417,272
July-20	\$ 417,272
August-20	\$ 417,272
September-20	\$ 417,272

Total Scheduled Payments	\$ 5,007,260
---------------------------------	---------------------

FY 2020 CFP Revised Budget Detail

Category	Account Description	Detail	Account	REV	Capital	O&M	Variable O&M	Grand Total
A&G Operations	A&G	Bank Fees	2-08-921-000			\$ 1,000		\$ 1,000
A&G Operations	A&G	Communications Fiber - User Fee	2-08-921-000			\$ 6,000		\$ 6,000
A&G Operations	A&G	County Taxes	2-08-921-000			\$ 1,000		\$ 1,000
A&G Operations	A&G	Licenses & Permits	2-08-921-000			\$ 6,400		\$ 6,400
A&G Operations	A&G	Misc	2-08-921-000			\$ 5,400		\$ 5,400
A&G Operations	A&G	Office Supplies	2-08-921-000			\$ 8,000		\$ 8,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Auditing	2-08-923-000			\$ 21,000		\$ 21,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Computer Services Provided by E.S.	2-08-923-000			\$ 5,600		\$ 5,600
A&G Operations	CFP - PROFESSIONAL SERVICES	Engineering Consultants	2-08-923-000			\$ 25,000		\$ 25,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Fire Districts	2-08-923-000			\$ 17,700		\$ 17,700
A&G Operations	CFP - PROFESSIONAL SERVICES	Labor Consultant	2-08-923-000			\$ 1,000		\$ 1,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Legal Services (BiOp & FERC Issues)	2-08-923-000			\$ 21,200		\$ 21,200
A&G Operations	CFP - PROFESSIONAL SERVICES	Legal Services (General Issues)	2-08-923-000			\$ 20,000		\$ 20,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Long Range Plan Analysis	2-08-923-000				\$ 75,000	\$ 75,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Telephone Provided by E.S.	2-08-923-000			\$ 3,300		\$ 3,300
A&G Operations	CFP - PROFESSIONAL SERVICES	WECC & NERC Consultants	2-08-923-000			\$ 72,100		\$ 72,100
A&G Operations	CFP - PROFESSIONAL SERVICES	Budget Cost Analysis	2-08-923-000				\$ 30,000	\$ 30,000
A&G Operations	CFP - PROFESSIONAL SERVICES	Dam Safety Consultant	2-08-923-000			\$ 84,000		\$ 84,000
A&G Operations	CFP WAGES	Wages	2-00-926-999			\$ 1,269,900		\$ 1,269,900
A&G Operations	CFP WAGES - OVER TIME - BENEFITS	OT Benefits	2-00-926-999			\$ 7,800		\$ 7,800
A&G Operations	CFP WAGES - OVER TIME - STANDBY	Standby Pay	2-00-926-999			\$ 36,000		\$ 36,000
A&G Operations	CFP WAGES - OVER TIME - TAXES	OT Taxes	2-00-926-999			\$ 4,000		\$ 4,000
A&G Operations	CFP WAGES - OVER TIME - WAGES	OT Wages	2-00-926-999			\$ 52,200		\$ 52,200
A&G Operations	EMPLOYEE MEDICAL INSURANCE	Employee Medical Insurance	2-00-926-110			\$ 319,000		\$ 319,000
A&G Operations	ES SUPPORT OVERHEAD	ES Support Overhead	2-00-926-999			\$ 268,200		\$ 268,200
A&G Operations	ES SUPPORT WAGES	ES Support Wages	2-00-926-999			\$ 389,700		\$ 389,700
A&G Operations	FLU SHOT CLINICS	Flue Shot Clinics	2-00-926-140			\$ 400		\$ 400
A&G Operations	Health, Welfare, Safety	Arc Flash Training	2-00-925-102			\$ 3,000		\$ 3,000
A&G Operations	Health, Welfare, Safety	Rope Access Training	2-00-925-102			\$ 8,000		\$ 8,000
A&G Operations	Insurance	Auto	2-08-924-000			\$ 6,000		\$ 6,000
A&G Operations	Insurance	Excess Liability Insurance	2-08-924-000			\$ 13,000		\$ 13,000
A&G Operations	Insurance	Liability Insurance	2-08-924-000			\$ 22,500		\$ 22,500
A&G Operations	Insurance	Property Insurance	2-08-924-000			\$ 158,500		\$ 158,500
A&G Operations	L&I - Employer	L&I - Employer	2-00-926-400			\$ 15,600		\$ 15,600
A&G Operations	License Compliance	FERC Fixed Fees	2-08-928-000			\$ 61,300		\$ 61,300
A&G Operations	License Compliance	Port Blakely Easement	2-08-928-000			\$ 16,000		\$ 16,000
A&G Operations	License Compliance	USGS Gauging Station Fees	2-08-928-000			\$ 37,300		\$ 37,300
A&G Operations	Long Term Disability	Long Term Disability	2-00-926-300			\$ 3,200		\$ 3,200
A&G Operations	MISC PENSION AND BENEFITS	Misc HR Expenses	2-00-926-000			\$ 5,000		\$ 5,000
A&G Operations	PCORI FEES	ACA Requirement	2-00-926-120			\$ 100		\$ 100
A&G Operations	PERS - Employer	PERS	2-00-926-200			\$ 156,900		\$ 156,900
A&G Operations	PL Cash Out	PL Cash Out	2-00-242-200			\$ 15,000		\$ 15,000
A&G Operations	RETIREE/COBRA - PREMIUMS & CLAIMS	COBRA	2-00-926-100			\$ 20,000		\$ 20,000
A&G Operations	SHORT TERM DISABILITY(EMPLOYER)	Short Term Disability Benefit	2-00-926-700			\$ 2,000		\$ 2,000

FY 2020 CFP Revised Budget Detail

Category	Account Description	Detail	Account	REV	Capital	O&M	Variable O&M	Grand Total
A&G Operations	SOCIAL SECURITY MEDICARE	Social Security Medicare	2-00-926-999			\$ 97,200		\$ 97,200
A&G Operations	SPCF - A&G Training and Travel - Detail	American Fisheries Society Meeting	2-09-921-002			\$ 1,500		\$ 1,500
A&G Operations	SPCF - A&G Training and Travel - Detail	AVO Thermography I	2-09-921-002			\$ 5,000		\$ 5,000
A&G Operations	SPCF - A&G Training and Travel - Detail	CEATI Annual Meeting	2-09-921-002			\$ 2,000		\$ 2,000
A&G Operations	SPCF - A&G Training and Travel - Detail	CEATI DSIG Meeting	2-09-921-002			\$ 1,400		\$ 1,400
A&G Operations	SPCF - A&G Training and Travel - Detail	CEATI HPLIG Meeting	2-09-921-002			\$ 1,400		\$ 1,400
A&G Operations	SPCF - A&G Training and Travel - Detail	Computer Training	2-09-921-002			\$ 800		\$ 800
A&G Operations	SPCF - A&G Training and Travel - Detail	EPTC Switching & Grounding	2-09-921-002			\$ 7,000		\$ 7,000
A&G Operations	SPCF - A&G Training and Travel - Detail	EPTC Elect. Fundamentals	2-09-921-002			\$ 7,000		\$ 7,000
A&G Operations	SPCF - A&G Training and Travel - Detail	EPTC Power Plant Operation	2-09-921-002			\$ 7,000		\$ 7,000
A&G Operations	SPCF - A&G Training and Travel - Detail	EPTC Relay Protection	2-09-921-002			\$ 3,500		\$ 3,500
A&G Operations	SPCF - A&G Training and Travel - Detail	HydroVision	2-09-921-002			\$ 2,000		\$ 2,000
A&G Operations	SPCF - A&G Training and Travel - Detail	NW Hydro Forum	2-09-921-002			\$ 400		\$ 400
A&G Operations	SPCF - A&G Training and Travel - Detail	NWHA Annual Meeting	2-09-921-002			\$ 500		\$ 500
A&G Operations	SPCF - A&G Training and Travel - Detail	NWHA Workshop	2-09-921-002			\$ 600		\$ 600
A&G Operations	SPCF - A&G Training and Travel - Detail	NWPPA Admin Asst. Training	2-09-921-002			\$ 2,400		\$ 2,400
A&G Operations	SPCF - A&G Training and Travel - Detail	NWPPA Leadership Training	2-09-921-002			\$ 3,400		\$ 3,400
A&G Operations	SPCF - A&G Training and Travel - Detail	Pesticide Application Training	2-09-921-002			\$ 800		\$ 800
A&G Operations	SPCF - A&G Training and Travel - Detail	Records Training	2-09-921-002			\$ 700		\$ 700
A&G Operations	SPCF - A&G Training and Travel - Detail	TPC Elect. Workshop	2-09-921-002			\$ 6,000		\$ 6,000
A&G Operations	SPCF - A&G Training and Travel - Detail	Water / Wastewater Training	2-09-921-002			\$ 1,200		\$ 1,200
A&G Operations	SPCF - A&G Training and Travel - Detail	WPUA Admin Roundtable	2-09-921-002			\$ 600		\$ 600
A&G Operations	SPCF - A&G Training and Travel - Detail	WPUA Records Roundtable	2-09-921-002			\$ 300		\$ 300
A&G Operations	Term Ins Benefit	Term Ins Benefit	2-00-926-300			\$ 1,200		\$ 1,200
A&G Operations	VEBA - Employer	VEBA Benefit	2-00-926-800			\$ 12,200		\$ 12,200
A&G Operations	VEBA CASHOUT	VEBA Cash Out	2-00-926-600			\$ 5,000		\$ 5,000
A&G Operations	WA Paid Family Medical Leave - Employer	Paid Family Leave Benefit	2-00-926-500			\$ 1,900		\$ 1,900
Hydro Maintenance	SPCF - Structures - Non Labor	Consumable Janitorial Supplies	2-09-542-002			\$ 1,300		\$ 1,300
Hydro Maintenance	Electric Plant - Generation Only	Electrical Parts	2-08-544-000			\$ 12,000		\$ 12,000
Hydro Maintenance	Electric Plant - Generation Only	Instrumentation Parts	2-08-544-000			\$ 8,000		\$ 8,000
Hydro Maintenance	Electric Plant - Generation Only	Maintenance Supplies for Electric Plant	2-08-544-000			\$ 5,400		\$ 5,400
Hydro Maintenance	Electric Plant - Generation Only	Mechanical Parts	2-08-544-000			\$ 12,000		\$ 12,000
Hydro Maintenance	Electric Plant - Generation Only	Protective Relay Testing	2-08-544-000				\$ 28,000	\$ 28,000
Hydro Maintenance	Electric Plant - Generation Only	Scroll Case & Draft Tube Valves	2-08-544-000				\$ 15,000	\$ 15,000
Hydro Maintenance	Electric Plant - Generation Only	Transformer Oil Processing & Testing	2-08-544-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Electric Plant - Generation Only	GSU Transformer Drawings	2-08-544-000				\$ 20,000	\$ 20,000
Hydro Maintenance	Misc Hydraulic Plant	Inspections	2-08-545-000			\$ 2,200		\$ 2,200
Hydro Maintenance	Misc Hydraulic Plant	Buffer Zone Management	2-08-545-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Misc Hydraulic Plant	Contract Crane Inspections	2-08-545-000			\$ 12,600		\$ 12,600
Hydro Maintenance	Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000				\$ 40,000	\$ 40,000
Hydro Maintenance	Misc Hydraulic Plant	Convert Engineering Drawings to AutoCAD	2-08-545-000				\$ 20,000	\$ 20,000
Hydro Maintenance	Misc Hydraulic Plant	Drainage System	2-08-545-000			\$ 3,000		\$ 3,000
Hydro Maintenance	Misc Hydraulic Plant	HVAC	2-08-545-000			\$ 3,200		\$ 3,200

FY 2020 CFP Revised Budget Detail

Category	Account Description	Detail	Account	REV	Capital	O&M	Variable O&M	Grand Total
Hydro Maintenance	Misc Hydraulic Plant	Manuals, Major Tools, Safety Improvements	2-08-545-000			\$ 12,200		\$ 12,200
Hydro Maintenance	Misc Hydraulic Plant	Plant Lighting	2-08-545-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Misc Hydraulic Plant	Plant Water Wells & Testing	2-08-545-000			\$ 1,200		\$ 1,200
Hydro Maintenance	Misc Hydraulic Plant	Road Fees	2-08-545-000			\$ 4,200		\$ 4,200
Hydro Maintenance	Misc Hydraulic Plant	Smoke Detectors & Fire Water Systems	2-08-545-000			\$ 1,600		\$ 1,600
Hydro Maintenance	Misc Hydraulic Plant	Structure Maintenance; Concrete, Fencing	2-08-545-000			\$ 10,000		\$ 10,000
Hydro Maintenance	Misc Hydraulic Plant	Warehouse Repairs	2-08-545-000				\$ 60,000	\$ 60,000
Hydro Maintenance	Misc Hydraulic Plant	Modular Office Space	2-08-545-000				\$ 40,000	\$ 40,000
Hydro Maintenance	Recreation	Advertising	2-08-545-020			\$ 3,000		\$ 3,000
Hydro Maintenance	Recreation	Building Maintenance	2-08-545-020			\$ 3,200		\$ 3,200
Hydro Maintenance	Recreation	Campground Hosts	2-08-545-020			\$ 111,000		\$ 111,000
Hydro Maintenance	Recreation	Contract Septic and Water Services	2-08-545-020			\$ 25,000		\$ 25,000
Hydro Maintenance	Recreation	Contract Services (Backhoe, Gravel)	2-08-545-020			\$ 4,000		\$ 4,000
Hydro Maintenance	Recreation	Contract Services (Dock Installation and Removal)	2-08-545-020			\$ 2,500		\$ 2,500
Hydro Maintenance	Recreation	Contract Services (Sweeping)	2-08-545-020			\$ 8,000		\$ 8,000
Hydro Maintenance	Recreation	Ground Maintenance	2-08-545-020			\$ 2,200		\$ 2,200
Hydro Maintenance	Recreation	Noxious Weed Control	2-08-545-020			\$ 5,000		\$ 5,000
Hydro Maintenance	Recreation	Open/Close Packwood Gate	2-08-545-020			\$ 2,500		\$ 2,500
Hydro Maintenance	Recreation	Park Equipment Repairs	2-08-545-020			\$ 3,200		\$ 3,200
Hydro Maintenance	Recreation	Sewer & Water System Maintenance	2-08-545-020			\$ 4,400		\$ 4,400
Hydro Maintenance	Recreation	Sign Repair	2-08-545-020			\$ 2,200		\$ 2,200
Hydro Maintenance	Recreation	Tools & Equipment	2-08-545-020			\$ 2,000		\$ 2,000
Hydro Maintenance	Resv., Dams & Waterways	Service Air Compressor	2-08-543-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Resv., Dams & Waterways	Automatic Transfer Switch Drawings	2-08-543-000				\$ 18,000	\$ 18,000
Hydro Maintenance	Resv., Dams & Waterways	Contract Diesel Generator Maintenance	2-08-543-000			\$ 10,000		\$ 10,000
Hydro Maintenance	Resv., Dams & Waterways	Contract Maintenance Elevator	2-08-543-000			\$ 14,800		\$ 14,800
Hydro Maintenance	Resv., Dams & Waterways	Dam Instrumentation	2-08-543-000			\$ 4,000		\$ 4,000
Hydro Maintenance	Resv., Dams & Waterways	Debris Barrier	2-08-543-000			\$ 6,000		\$ 6,000
Hydro Maintenance	Resv., Dams & Waterways	Debris Barrier Cathodic Protection Design	2-08-543-000				\$ 30,000	\$ 30,000
Hydro Maintenance	Resv., Dams & Waterways	Debris Barrier Coating Design	2-08-543-000				\$ 25,000	\$ 25,000
Hydro Maintenance	Resv., Dams & Waterways	Debris Removal	2-08-543-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Resv., Dams & Waterways	Diving Services	2-08-543-000			\$ 12,000		\$ 12,000
Hydro Maintenance	Resv., Dams & Waterways	Equipment Rental	2-08-543-000			\$ 18,900		\$ 18,900
Hydro Maintenance	Resv., Dams & Waterways	Gantry Crane Remote Control Drawings	2-08-543-000				\$ 35,000	\$ 35,000
Hydro Maintenance	Resv., Dams & Waterways	Governor	2-08-543-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Resv., Dams & Waterways	Governor Selsyns	2-08-543-000				\$ 15,000	\$ 15,000
Hydro Maintenance	Resv., Dams & Waterways	Log Bronc Maintenance	2-08-543-000			\$ 1,000		\$ 1,000
Hydro Maintenance	Resv., Dams & Waterways	Mechanical & Piping	2-08-543-000			\$ 6,600		\$ 6,600
Hydro Maintenance	Resv., Dams & Waterways	Metal	2-08-543-000			\$ 6,000		\$ 6,000
Hydro Maintenance	Resv., Dams & Waterways	Painting & Special Coatings	2-08-543-000			\$ 3,200		\$ 3,200
Hydro Maintenance	Resv., Dams & Waterways	Plant Annunciator	2-08-543-000				\$ 40,000	\$ 40,000
Hydro Maintenance	Resv., Dams & Waterways	Replacement of Project SCADA	2-08-543-000		\$ 900,000			\$ 900,000

FY 2020 CFP Revised Budget Detail

Category	Account Description	Detail	Account	REV	Capital	O&M	Variable O&M	Grand Total
Hydro Maintenance	Resv., Dams & Waterways	Spillway Gates	2-08-543-000			\$ 3,000		\$ 3,000
Hydro Maintenance	Resv., Dams & Waterways	Turbidity Sensor Communication	2-08-543-000			\$ 960		\$ 960
Hydro Operations	CFP-Fish & Wildlife	Cispus Fish Release Site Improvements	2-08-537-010				\$ 4,000	\$ 4,000
Hydro Operations	CFP-Fish & Wildlife	Creel Study	2-08-537-010				\$ 18,000	\$ 18,000
Hydro Operations	CFP-Fish & Wildlife	Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010			\$ 10,000		\$ 10,000
Hydro Operations	CFP-Fish & Wildlife	Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010			\$ 8,400		\$ 8,400
Hydro Operations	CFP-Fish & Wildlife	Kid's Trout Derby	2-08-537-010			\$ 5,000		\$ 5,000
Hydro Operations	CFP-Fish & Wildlife	Mitigation Trout Program	2-08-537-010			\$ 40,500		\$ 40,500
Hydro Operations	CFP-Fish & Wildlife	Noxious Weed Control Contractor	2-08-537-010			\$ 8,800		\$ 8,800
Hydro Operations	Endangered Species Act Requirements	Habitat & Fish Recovery Services (WDFW)	2-08-537-060			\$ 10,000		\$ 10,000
Hydro Operations	Misc Expenses	CEATI Membership	2-08-539-000			\$ 36,000		\$ 36,000
Hydro Operations	Misc Expenses	CF Project Telephones	2-08-539-000			\$ 7,000		\$ 7,000
Hydro Operations	Misc Expenses	CFP Cell Phones	2-08-539-000			\$ 1,600		\$ 1,600
Hydro Operations	Misc Expenses	Communications (Radios, etc.)	2-08-539-000			\$ 5,900		\$ 5,900
Hydro Operations	Misc Expenses	Ecology Water Tax	2-08-539-000			\$ 7,500		\$ 7,500
Hydro Operations	Misc Expenses	Electric Utilities - Secondary Power Feed	2-08-539-000			\$ 10,900		\$ 10,900
Hydro Operations	Misc Expenses	Garbage Service	2-08-539-000			\$ 2,200		\$ 2,200
Hydro Operations	Misc Expenses	NWHA Membership	2-08-539-000			\$ 800		\$ 800
Hydro Operations	Misc Expenses	Operator Remote SCADA Communications	2-08-539-000			\$ 8,000		\$ 8,000
Hydro Operations	Misc Expenses	Radio / Pager System Improvements	2-08-539-000			\$ 2,000		\$ 2,000
Hydro Operations	Misc Expenses	Security - Locks, Signs, etc.	2-08-539-000			\$ 1,500		\$ 1,500
Hydro Operations	Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000			\$ 5,400		\$ 5,400
Hydro Operations	Misc Expenses	Shelving & Furniture	2-08-539-000			\$ 2,000		\$ 2,000
Hydro Operations	Misc Expenses	Subscriptions, Prints, Copies and Maps	2-08-539-000			\$ 2,200		\$ 2,200
Hydro Operations	Recreation	Campground Internet	2-08-537-020			\$ 1,500		\$ 1,500
Hydro Operations	Recreation	Campground Reservation Software	2-08-537-020			\$ 4,800		\$ 4,800
Hydro Operations	Recreation	Campground Telephone	2-08-537-020			\$ 1,300		\$ 1,300
Hydro Operations	Recreation	Electric Utilities	2-08-537-020			\$ 6,000		\$ 6,000
Hydro Operations	Recreation	Garbage Service	2-08-537-020			\$ 6,000		\$ 6,000
Hydro Operations	Recreation	Operation Supplies	2-08-537-020			\$ 2,200		\$ 2,200
Hydro Operations	Recreation	Portable Restrooms	2-08-537-020			\$ 2,100		\$ 2,100
Hydro Operations	Recreation	Repairs & Supplies	2-08-537-020			\$ 8,200		\$ 8,200
Hydro Operations	Recreation	Water and Septic Testing	2-08-537-020			\$ 2,000		\$ 2,000
Hydro Operations	SPCF - Supplies & Expenses - Non Labor	Consumable First Aid Supplies	2-09-539-002			\$ 3,200		\$ 3,200
Hydro Operations	SPCF - Supplies & Expenses - Non Labor	Consumable Safety Supplies & PPE	2-09-539-002			\$ 5,400		\$ 5,400
Hydro Operations	SPCF - Supplies & Expenses - Non Labor	Fall Protection Equipment	2-09-539-002			\$ 1,500		\$ 1,500
Hydro Operations	SPCF - Supplies & Expenses - Non Labor	FR Clothing	2-09-539-002			\$ 8,000		\$ 8,000
Hydro Operations	SPCF - Supplies & Expenses - Non Labor	Rope Access Gear	2-09-539-002			\$ 1,500		\$ 1,500
Hydro Operations	SPCF - Supplies & Expenses - Non Labor	Small Tools	2-09-539-002			\$ 2,500		\$ 2,500
Hydro Operations	Supervision & Engineering - Non Labor	FERC Dam Movement Survey	2-08-535-002			\$ 8,400		\$ 8,400
Hydro Operations	Supervision & Engineering - Non Labor	Sedimentation Survey	2-08-535-002			\$ 5,200		\$ 5,200

FY 2020 CFP Revised Budget Detail

Category	Account Description	Detail	Account	REV	Capital	O&M	Variable O&M	Grand Total
Mechanics Operations	Misc Expenses	CF Vehicle and Equipment Fuel	2-00-184-012			\$ 16,000		\$ 16,000
Mechanics Operations	Misc Expenses	CF Vehicle Maintenance	2-00-184-012			\$ 12,000		\$ 12,000
Plant - General	Transportation Equipment	Dump Trailer	2-00-392-012		\$ 7,000			\$ 7,000
Plant - General	Transportation Equipment	Flatbed Trailer	2-00-392-012		\$ 3,000			\$ 3,000
Plant - General	Transportation Equipment	Two Lift gates	2-00-392-012		\$ 7,000			\$ 7,000
Plant - General	Transportation Equipment	Vehicle for Gen Superintendent	2-00-392-012		\$ 30,000			\$ 30,000
Plant - General	Transportation Equipment	Vehicle for Operators	2-00-392-012		\$ 38,000			\$ 38,000
Revenue - Other Income	Project Revenue	BPA Project Reimbursement	2-00-456-200	\$ (5,007,260)				\$ (5,007,260)
Revenue - Other Income	Project Revenue	BPA Project Reimbursement (Carry Over)	2-00-456-200	\$ (500,000)				\$ (500,000)
Revenue - Other Income	Project Revenue	Campground Revenue	2-00-417-000	\$ (100,000)				\$ (100,000)
Revenue - Other Income	Project Revenue	Interest Income	2-00-419-000	\$ (3,000)				\$ (3,000)
Revenue - Other Income	Project Revenue	Misc. Revenue	2-00-456-300	\$ (10,000)				\$ (10,000)
Taxes	TAXES - PRIVILEGE	Privilege Tax	2-00-408-200			\$ 56,900		\$ 56,900
Transmission Maintenance	Transmission Line	ROW Maintenance	2-08-571-002			\$ 50,000		\$ 50,000
Transmission Maintenance	Transmission Line	Transmission Line Corridor Planting	2-08-571-002				\$ 20,000	\$ 20,000
Grand Total				\$ (5,620,260)	\$ 985,000	\$ 4,102,260	\$ 533,000	\$ -

From: Chris Roden

Sent: Fri Aug 21 16:23:50 2020

To: Carlson,Debbie (BPA) - PGAC-RICHLAND; Sonoda,Cherie D (BPA) - PGAC-RICHLAND

Cc: Brad Ford; Doug Streeter CPA; Joe First; Allen Unzelman; Matt Samuelson; Michelle Holmes

Subject: [EXTERNAL] CFP 2021 budget information

Importance: Normal

Attachments: 2021 Support Labor Details.pdf; 2021 Direct Labor 2020 08 20.pdf; 2021 CFP Support Labor Report 2020 08 20.pdf; 2021 Budget Exec Summary 2020 08 21.pdf; CF Existing Job Descriptions.pdf; CF Staff Accountant II.pdf; CF Network Administrator I.pdf; CF Procurement Specialist.pdf; 2021 Draft OR&R Budget 2020 08 21.pdf; CF - Draft Org Chart 2020 08 21.pdf; 2021 - 2025 Draft CFP Budget by Expense 2020 08 21.pdf; 2021 - 2025 Draft CFP Budget by Category 2020 08 21.pdf; CF 3-year Postion Forecast - Justification.pdf; Bioioist Position.pdf; 2021 Budget Change Log 2020 08 21.pdf

Debbie and Cherie,

Thanks again for taking the time to chat about the budget this week and take part in an extra meeting next week. We've attached a number of the requested documents and incorporated the recently discussed adjustments into a new working draft. We've also created an executive summary of the 2021 budget relative to the 2020 budget. The summary provides helpful context when looking at what is driving increases in the different cost categories.

We look forward to hearing any additional thoughts and considerations before we establish a final 2021 budget. If

you have thoughts on the format of the information provided please let us know.

Chris

Chris Roden

General Manager | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2435 | e:chrisr@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.

From: Michelle Holmes

Sent: Wed Jul 15 11:57:18 2020

To: Chris Roden; Doug Streeter CPA; Brad Ford; Thomas Beebe; Joe First; Russell Page; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Carlson,Debbie (BPA) - PGAC-RICHLAND; Todd,Wayne A (BPA) - PGA-6; Wellner,Michael T (BPA) - PGA-6

Subject: [EXTERNAL] Materials for Today's Meeting

Importance: Normal

Attachments: Draft 2021 CFP Budget Support Labor Report 2020 07 15.pdf; Draft 2021 CFP Budget 2020 07 15.pdf; Draft 2021 CFP Budget ORR List 2020 07 15.pdf; CF - DRAFT ORG CHART 2021-2023.pdf

Please find attached draft documents for today's meeting. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 345-1468 | e:michelleh@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.

CFP Labor Allocation Details

CFO

Department	ACCT
CFP %	15%
CFP Hours	312 Hrs

Manages and directs activities of the Finance, Accounting, Budget and Procurement departments. CFP includes budget preparation, monitoring and reporting, financial statement review, contract clarification and insurance review. Appointed Treasurer of the District.

CFP Labor Allocation Details

Commissioners

Department	COMM
CFP %	15%
CFP Hours	312 Hrs

15% time allocations has been added for the three Commissioners beginning May 30, 2020 and budgeted for 2021, 2022, and 2023.

The Board of Commissioners of Lewis County PUD reviews and approves resolutions, vouchers, minutes, policies for the entire utility. The Board of Commissioners further participate in Local, State, and Federal discussions pertaining to hydro related issues regarding regulation, legislation, etc. affecting the CFP.

CFP Labor Allocation Details

Controller

Department	ACCT
CFP %	13%
CFP Hours	260 Hrs

Supervises and coordinates activities of the accounting staff. Reviews all CFP vouchers, accounting transactions and tax filings, responds to expenditure inquiries, prepares financial statements, acts as the liaison with external auditors, assists with budget preparation and monitoring. Appointed Auditor of the District.

CFP Labor Allocation Details

Sr. Database Administrator

Department	IS
CFP %	20%
CFP Hours	416 Hrs

The Sr. Database Administrator manages all aspects of data and data communication for the project. They provide guidance and support for data collection and integrations among systems.

CFP Labor Allocation Details

Engineering Manager

Department	ENG
CFP %	15%
CFP Hours	312 Hrs

The Engineering Manager supports Cowlitz Falls Electrical infrastructure from the project through Glenoma substation. This includes analysis, project management, support for the CF staff on electrical issues as well as Operations and Maintenance coordination. The Engineering Manager also is the District's WECC/NERC reliability Standards Compliance Manager for all of the Cowlitz Falls generation assets and applicable transmission assets.

Work is required year round as needed to support the project.

CFP Labor Allocation Details

Executive Assistant

Department	ADMIN
CFP %	5%
CFP Hours	104 Hrs

The Executive Assistant supports the Board, General Manager, and staff as well as produces independent work used by Cowlitz Falls. The position creates materials for the Board and the Manager and works to ensure meetings related to Cowlitz Falls are supported properly.

The position additionally does topical research and produces draft materials for further consideration. Damage claims, contract cataloging, customer correspondence, and meeting documentation are all performed by the position as well. This number may be adjusted up in the future but is pending the onboarding of several new CFP specific positions to better understand what the workload will be going forward.

CFP Labor Allocation Details

Financial Analyst

Department	ACCT
CFP %	10%
CFP Hours	208 Hrs

Prepares CFP monthly analysis report, reconciliations, banking, and assists with budget preparation. Performs duties of the Treasurer in his absence.

CFP Labor Allocation Details

General Manager

Department	ADMIN
CFP %	25%
CFP Hours	520 Hrs

25% time allocation has been given to 2021, 2022, and 2023. It is expected that this allocation will decrease in 2024 if not sooner.

Work performed consists of providing overall oversight and direction for the facility. Significant time continues to be spent on budget development, contract clarification, and reporting. Going into the 2021-2023 budget period it is expected that significant time will be spent working with BPA and Tacoma Power on the now in place North Shore collector and issues surrounding the North Rock Wall. Recreational needs including easement agreements and site development also contribute to the time.

CFP Labor Allocation Details

GIS Analyst

Department	ENG
CFP %	1%
CFP Hours	21 Hrs

Completes GIS analysis and mapping functions for the project in coordination with the GIS Supervisor.

CFP Labor Allocation Details

GIS Supervisor

Department	ENG
CFP %	2%
CFP Hours	42 Hrs

Manages the GIS mapping products of the project including the project boundary, wildlife and recreation areas and survey information integration. Support is required year round as projects, issues and compliance support arises.

CFP Labor Allocation Details

HR Generalist

Department	HR
CFP %	15%
CFP Hours	312 Hrs

Work performed consists recruitment activities, training support, and general support of CF employees.

CFP Labor Allocation Details

HR Manager

Department	HR
CFP %	15%
CFP Hours	312 Hrs

Work performed consists of providing overall oversight and direction on items related to Human Resources and Payroll. Significant time continues to be spent on labor/benefit budget development, organizational structure and recruitment activities. Additionally, time is spent on labor management/negotiations, development and implementation of training programs, performance management, and general support to CF employees.

CFP Labor Allocation Details

HR Specialist

Department	HR
CFP %	15%
CFP Hours	312 Hrs

Work performed consists of managing and processing the payroll and timesheet process for which all CF employees are included.

CFP Labor Allocation Details

IS & Telecom Manager

Department	IS
CFP %	25%
CFP Hours	520 Hrs

Work performed consists of providing overall oversight and direction for the IT \IS side of the project. Significant time continues to be spent on regulatory oversight\reporting (CIP), specific IT\IS project oversight and general reporting. Going into the 2021-2023 budget period it is expected that significant time will be spent working on large projects, staff training and compliance.

CFP Labor Allocation Details

IT Technician

Department	IS
CFP %	50%
CFP Hours	1040 Hrs

The IT Technician supports all facets of the IT infrastructure at the project including the phone system and video support. This position provides help desk support, troubleshooting, upgrades and patching of equipment both remotely and onsite.

They also provide backup support for website functions required by the project, however, this is expected to decrease in the future with the hiring of the Public Affairs Manager

CFP Labor Allocation Details

Mechanic Foreman

Department	OPS
CFP %	1%
CFP Hours	21 Hrs

LCPUDs in house fleet maintenance shop maintains and/or manages the maintenance of all fleet assets.

CFP Labor Allocation Details

Mechanic

Department	OPS
CFP %	1%
CFP Hours	10 Hrs

LCPUDs in house fleet maintenance shop maintains and/or manages the maintenance of all fleet assets.

CFP Labor Allocation Details

Line Superintendent

Department	OPS
CFP %	4%
CFP Hours	83 Hrs

The Morton Line Superintendent is responsible of all 230 transmission line vegetation management and maintenance, including access road maintenance, scheduled outages and annual tower inspections.

CFP Labor Allocation Details

Network Supervisor

Department	IS
CFP %	20%
CFP Hours	416 Hrs

Work performed by the Network Supervisor consists of design, implementation and support of the IT infrastructure supporting the project. This primary focuses on server, backup storage and disaster recovery.

This position provides backup support for the IT Technician

CFP Labor Allocation Details

Operations Admin. Asst.

Department	OPS
CFP %	1%
CFP Hours	21 Hrs

Operations assistants coordinate all records requests, most of which are related to CFP. Assistants also help with many other various tasks relating to CFP within Fleet, Safety, dispatch and 230 transmission line.

CFP Labor Allocation Details

Operations Manager

Department	OPS
CFP %	2%
CFP Hours	42 Hrs

The Operations Manager oversees areas within operations that directly assist in CFPs daily operations such as, Fleet, Safety, Dispatch and our Line department.

CFP Labor Allocation Details

Operations Superintendent

Department	OPS
CFP %	1%
CFP Hours	10 Hrs

The OPS Supt and Chehalis Line Supt, do very little for CFP. On occasion they are involved with 230 line meetings,

CFP Labor Allocation Details

Power Supply/Energy Services Analyst

Department	PP/ES
CFP %	3%
CFP Hours	52 Hrs

2.5% allocated for time associated with supporting the power supply department in it's CFP responsibilities

Assists the power manager in supporting all portfolio management functions related to the project. Including economic assessment

CFP Labor Allocation Details

Manager of Power Planning

Department	PP/ES
CFP %	13%
CFP Hours	270 Hrs

13% allocated for time associated with project contract and resource portfolio management.

Work performed consists of meeting attendance, contract review and assessment of compliance for all CFP related contracts. Wheeling charge review and recalculations are performed on an annual basis. Coordination of scheduling platform changes. Assessment of potential overall project optimization. Coordination of legal review and assessments. All aspects of the project related to normal management of the district's resource portfolio.

CFP Labor Allocation Details

Procurement and Risk Supervisor

Department	ACCT
CFP %	15%
CFP Hours	312 Hrs

Supervises and coordinates activities of the procurement staff. Reviews, drafts and revises IFB, RFP, RFQ, contract documents and change orders. Ensures compliance with District Board-Approved policies and all applicable federal and state regulations regarding purchasing. Allocation may increase based on purchasing/contracting requirements of CFP.

CFP Labor Allocation Details

Public Affairs Manager

Department	ADMIN
CFP %	13%
CFP Hours	260 Hrs

The Public Affairs Manager is a new position at the PUD and will spend time working on state and federal legislative affairs affecting the project. The position will also spend time promoting hydro power in the Northwest and recreational activities created by Cowlitz Falls.

Although this is a new position for the utility many of these tasks have previously been performed by the PUD's contract lobbyist and electric system staff. As the define position develops the % allocation will be adjusted to better reflect time spent. The current allocation is assumed to be very conservative.

CFP Labor Allocation Details

Purchasing Buyer

Department	ACCT
CFP %	10%
CFP Hours	208 Hrs

Purchases CFP material and equipment. Initial allocation % as we consolidate purchases across the PUD.

CFP Labor Allocation Details

Records Retention Specialist

Department	IS
CFP %	70%
CFP Hours	1456 Hrs

The Records Retention Specialist is budgeted for 70% time allocation for 2021-2023. The majority of the records requests that have come in are currently large requests related to CFP. Other time will be spent in records management restructuring both physical and electronic records.

CFP Labor Allocation Details

Safety and Meter Superintendent

Department	OPS
CFP %	20%
CFP Hours	416 Hrs

The Safety and Meter Superintendent manages all of LCPUDs safety, 20% of which is for Cowlitz Falls.

CFP Labor Allocation Details

Senior Accountant

Department	ACCT
CFP %	10%
CFP Hours	208 Hrs

Performs accounting tasks as related to the CFP General Ledger, including reconciliations, journal entries and review. Performs duties of the Auditor in his absence.

CFP Labor Allocation Details

Staff Accountant II

Department	ACCT
CFP %	5%
CFP Hours	104 Hrs

Performs CFP banking, processes accounts receivable and backup for accounts payable.

CFP Labor Allocation Details

Staff Accountant I

Department	ACCT
CFP %	15%
CFP Hours	312 Hrs

Processes CFP accounts payable - verifies account coding/authorization, enters transactions, prints warrants and 1099's.

CFP Labor Allocation Details

System Engineering Supervisor

Department	ENG
CFP %	2%
CFP Hours	42 Hrs

Support for the engineering, design and analysis of CF project metering, system protection and operations coordination needed for CF impacts to the Electric System. In particular the Glenoma Switchyard at the project interconnection is the focus of the System Engineers time with several projects underway for 2021 and 2022.

CFP Labor Allocation Details

Tree Supervisor

Department	OPS
CFP %	1%
CFP Hours	21 Hrs

During certain times of the year, the Tree Supervisor will assist the Morton Line Superintendent with 230 transmission line vegetation management.

CFP Labor Allocation Details

Utilities Specialist

Department	ENG
CFP %	1%
CFP Hours	21 Hrs

Support for Rights of Way management, property disposal and acquisition. Work is variable as issues arise.

Cowlitz Falls Support Labor Report

FY 2021	%	Wages	O/H	Wage & O/H
ACCT				
Purchasing Buyer (CFP)	100%	\$ 74,438	\$ 51,995	\$126,433
CFO	15%	\$ 23,923	\$ 16,710	\$40,634
Controller	13%	\$ 17,581	\$ 12,280	\$29,861
Financial Analyst	10%	\$ 9,018	\$ 6,299	\$15,316
Procurement and Risk Supervisor	15%	\$ 14,643	\$ 10,228	\$24,871
Purchasing Buyer	10%	\$ 8,818	\$ 6,159	\$14,977
Senior Accountant	10%	\$ 10,687	\$ 7,465	\$18,152
Staff Accountant (CFP)	100%	\$ 74,438	\$ 51,995	\$126,433
Staff Accountant I	15%	\$ 8,636	\$ 6,032	\$14,668
Staff Accountant II	5%	\$ 3,725	\$ 2,602	\$6,327
ADMIN				
Executive Assistant	5%	\$ 4,230	\$ 2,955	\$7,185
General Manager	25%	\$ 52,660	\$ 36,783	\$89,442
Public Affairs Manager	13%	\$ 12,782	\$ 8,928	\$21,710
ENG				
Engineering Manager	15%	\$ 25,266	\$ 17,649	\$42,915
GIS Analyst	1%	\$ 787	\$ 550	\$1,337
GIS Supervisor	2%	\$ 1,854	\$ 1,295	\$3,149
System Engineering Supervisor	2%	\$ 2,248	\$ 1,570	\$3,818
Utilities Specialist	1%	\$ 926	\$ 647	\$1,572
HR				
HR Generalist	15%	\$ 11,080	\$ 7,739	\$18,819
HR Manager	15%	\$ 20,462	\$ 14,293	\$34,755
HR Specialist	15%	\$ 12,783	\$ 8,929	\$21,712
IS				
CF IS/IT Support	100%	\$ 63,804	\$ 44,567	\$108,371
IS & Telecom Manager	25%	\$ 34,321	\$ 23,973	\$58,295
IT Technician	50%	\$ 32,349	\$ 22,596	\$54,944
Network Supervisor	20%	\$ 20,451	\$ 14,285	\$34,737
Records Retention Specialist	70%	\$ 46,137	\$ 32,226	\$78,363
Sr. Database Administrator	20%	\$ 20,868	\$ 14,576	\$35,445
OPS				
Line Superintendent	4%	\$ 9,772	\$ 6,826	\$16,598
Mechanic	3%	\$ 5,703	\$ 3,983	\$9,686
Mechanic Foreman	3%	\$ 3,208	\$ 2,241	\$5,449
Operations Admin. Asst.	2%	\$ 1,297	\$ 906	\$2,204
Operations Manager	2%	\$ 3,071	\$ 2,145	\$5,216
Operations Superintendent	2%	\$ 2,339	\$ 1,634	\$3,974
Safety and Meter Superintendent	20%	\$ 23,395	\$ 16,341	\$39,736
Tree Supervisor	1%	\$ 978	\$ 683	\$1,662
PP/ES				
Manager of Power Planning	13%	\$ 22,307	\$ 15,581	\$37,888
Power Supply/Energy Services Analyst	3%	\$ 2,779	\$ 1,941	\$4,720
Grand Total		\$ 683,763	\$ 477,609	\$1,161,372

	2021	2022	2023	2024	2025
Admin & General	\$ 1,516,300	\$ 1,478,850	\$ 1,493,700	\$ 1,506,500	\$ 1,502,700
O&M	\$ 903,600	\$ 910,250	\$ 937,900	\$ 943,600	\$ 949,300
A&G Exhibit F	\$ 533,800	\$ 534,800	\$ 556,700	\$ 556,700	\$ 556,700
Auditing	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
Bank Fees	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Communications Fiber - User Fee	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
Consumable First Aid Supplies	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Consumable Janitorial Supplies	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
Consumable Safety Supplies & PPE	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Cooper Compliance Audit	\$ -	\$ -	\$ -	\$ -	\$ -
Document Management Software	\$ -	\$ -	\$ -	\$ -	\$ -
Excess Liability Insurance	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
FERC Fixed Fees	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Liability Insurance	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
Licenses & Permits	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Other	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
Port Blakely Easement	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
Property Insurance	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
USGS Gauging Station Fees	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600
WECC Fees	\$ -	\$ -	\$ -	\$ -	\$ -
Special O&M	\$ 612,700	\$ 568,600	\$ 555,800	\$ 562,900	\$ 553,400
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ -	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
Arc Flash Training	\$ -	\$ -	\$ 3,000	\$ -	\$ -
AVO Circuit Breaker Maintenance	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
AVO Substation Maintenance I	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -
AVO Thermography I	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
AVO Thermography II	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
CEATI Annual Meeting	\$ 2,200	\$ 2,200	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ 1,400	\$ -	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CEATI HPLIG Meeting	\$ 1,400	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
CF Vehicle Maintenance	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Communication Services	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Computer Services	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
Computer Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Confined Space Training	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Dam Safety Consultant	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
Engineering Consultants	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
EPTC Switching & Grounding	\$ -	\$ 7,000	\$ 7,000	\$ -	\$ -
EPTC Elect. Fundamentals	\$ 7,000	\$ 7,000	\$ -	\$ -	\$ -
EPTC Power Plant Operation	\$ -	\$ -	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Fall Protection Training	\$ -	\$ 8,000	\$ -	\$ -	\$ -
Fire Districts	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
HydroVision	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Labor Consultant	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Legal Services (BiOp & FERC Issues)	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
Legal Services (General Issues)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Long Range Plan Analysis	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
Misc	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
NW Hydro Forum	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
NWHA Annual Meeting	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
NWHA Workshop	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
NWPPA Admin Asst. Training	\$ 2,400	\$ 2,400	\$ 2,400	\$ -	\$ -
NWPPA Leadership Training	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
Office Supplies	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Operator Training Development	\$ 45,000	\$ -	\$ -	\$ -	\$ 7/15/2020

	2021	2022	2023	2024	2025
Pesticide Application Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Project Analysis	\$ 130,000	\$ 140,000	\$ 140,000	\$ 150,000	\$ 150,000
Records Management	\$ -	\$ -	\$ -	\$ -	\$ -
Records Training	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Rope Access Training	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
TPC Elect. Workshop	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ -
TPC Frequency Drives Workshop	\$ 6,000	\$ -	\$ -	\$ -	\$ -
Water / Wastewater Training	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
WECC & NERC Consultants	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
WPUDA Admin Roundtable	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
WPUDA Records Roundtable	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Operating Expenses	\$ 4,395,200	\$ 7,099,500	\$ 7,164,300	\$ 7,072,600	\$ 2,168,800
O&M	\$ 2,561,900	\$ 2,215,200	\$ 1,358,800	\$ 1,042,100	\$ 1,507,300
1D Sediment Transport Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -
2022 BiOp Studies	\$ -	\$ 100,000	\$ -	\$ -	\$ -
230 kV Circuit Breaker Maintenance	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Advertising	\$ 7,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Alternate Take-Out Site 1	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Alternate Take-Out Site 2	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
AVR Testing	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Bridge Inspection & Analysis	\$ -	\$ -	\$ 106,000	\$ -	\$ -
Buffer Zone Management	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Campground Electrical Replacement -Design	\$ -	\$ -	\$ -	\$ -	\$ 64,000
Campground Fishing Pond Assessment & Design	\$ -	\$ 85,000	\$ -	\$ -	\$ -
Campground Hosts	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
Campground Internet	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
Campground Paving	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
Campground Reservation Software	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
Campground Telephone	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
CEATI Membership	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
CEATI Projects	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
CF Project Telephones	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
CFP Cell Phones	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Contract Crane Inspections	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
Contract Diesel Generator Maintenance	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
Contract Maintenance Elevator	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
Contract Operators	\$ 250,000	\$ -	\$ -	\$ -	\$ -
Contract Septic and Water Services	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
Contract Services (Backhoe, Gravel)	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
Contract Services (Sweeping)	\$ -	\$ -	\$ -	\$ -	\$ -
Convert Engineering Drawings to AutoCAD	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Cooling Water Valves	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Copper Creek Take Out Site Parking	\$ 75,000	\$ 225,000	\$ -	\$ -	\$ -
Creel Study	\$ 18,000	\$ -	\$ -	\$ -	\$ 20,000
Dam Instrumentation	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Corrosion Inhibitor	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Debris Barrier Parts	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Debris Removal	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Diving Services	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
D-Loop Electrical Design & Feed Replacements	\$ 30,000	\$ -	\$ -	\$ -	\$ -
Drainage Pump	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Drainage Sump Study	\$ -	\$ 35,000	\$ -	\$ -	\$ -
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Electric Utilities	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
Electric Utilities - Secondary Power Feed	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400

	2021	2022	2023	2024	2025
Electrical Contractors	\$ 45,000	\$ 80,000	\$ -	\$ -	\$ -
Electrical Parts	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Equipment Rental	\$ 22,000	\$ 22,000	\$ 24,000	\$ 24,000	\$ 24,000
Fall Protection Equipment	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
FERC Dam Movement Survey	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
FERC Part 12	\$ -	\$ -	\$ -	\$ 125,000	\$ -
FERC Part 12 Recommendations	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Fiber Extension Fee to USGS Randle Gage	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Fiber to Campground Extension Fee	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
FR Clothing	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Garbage Service	\$ 8,500	\$ 8,800	\$ 8,800	\$ 9,100	\$ 9,100
Generator Parameter Validation Testing	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Governor 3D CAM	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Ground Maintenance	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
GSU Transformer Maintenance	\$ -	\$ 45,000	\$ -	\$ -	\$ -
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
HVAC	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
HVAC Replacement Office Area	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Inspections	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Instrumentation Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Kid's Trout Derby	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Line Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Log Bronc Maintenance	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Maintenance Management System	\$ -	\$ -	\$ 200,000	\$ 30,000	\$ 30,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Manuals, Major Tools, Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Materials	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical & Piping	\$ 10,600	\$ 10,600	\$ 11,000	\$ 11,000	\$ 11,000
Mechanical Contractors	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Mechanical Parts	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Metal	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Mitigation Trout Program	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
NHA Membership	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
North Rock Wall Scaling	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Noxious Weed Control	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
Noxious Weed Control Contractor	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
NWHA Membership	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Open/Close Packwood Gate	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
Operator Remote SCADA Communications	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Park Equipment Repairs	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Portable Restrooms	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
Potable Water and Septic System Testing	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
Protective Relay Testing	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Radio / Pager System Improvements	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Re-coat Slot Covers	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Recreation Assessment	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Rentals	\$ -	\$ -	\$ -	\$ -	\$ -
Repairs & Supplies	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000
Replace Sluice Gate Bulkhead Seals	\$ -	\$ 2,500	\$ -	\$ -	\$ -
Roadway Gates	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
Rope Access Gear	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000

	2021	2022	2023	2024	2025
Safety Improvements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
SCADA Support	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
Security Assessment	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Security Improvements	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Security/Plant Locks	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Sedimentation Report	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Sedimentation Survey	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
Seismic Study	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
Service Water VFD & Controls Replacement	\$ -	\$ 16,000	\$ -	\$ -	\$ -
Sewer & Water System Maintenance	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Shelving & Furniture	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Sign Replacements	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Small Tools	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Structure Maintenance; Concrete, Fencing	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
Surveying	\$ -	\$ -	\$ -	\$ -	\$ -
Tailrace Repairs & Improvements - Design	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Temporary Offices	\$ 200,000	\$ 60,000	\$ -	\$ -	\$ -
Third Party Services	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Transformer Oil Processing & Testing	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Transmission Line Corridor Planting	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -
Trunnion Friction Testing	\$ -	\$ 65,000	\$ -	\$ -	\$ -
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Turbine Maintenance Seals	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Turbine Shaft Seals	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Welding/Machinery Services	\$ -	\$ -	\$ -	\$ -	\$ -
OR&R	\$ 1,833,300	\$ 4,884,300	\$ 5,805,500	\$ 6,030,500	\$ 661,500
5-Ton Bridge Crane	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Battery Bank Replacement	\$ -	\$ -	\$ -	\$ 80,000	\$ -
Boat Barrier Replacement	\$ -	\$ -	\$ 120,000	\$ -	\$ -
Campground A Loop Restroom	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Communications (Radios, etc.)	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
Concrete Scanner	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Control Room / Office Area Repairs	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Coating & Cathodic Protection - Constr	\$ -	\$ 400,000	\$ -	\$ -	\$ -
Derby Site Enhancement	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -
Diesel Generator Connection to Spillway Gates 2 & 3	\$ -	\$ 14,000	\$ -	\$ -	\$ -
Downstream Boat Ramp	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Exciter Brush Dust Vacuum System	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Exciter Replacement	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000
Gantry Crane Controls and Drive Upgrade - Design	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Generator Cooling Water Refurbishment	\$ -	\$ -	\$ -	\$ 78,000	\$ -
Generator Hatch Cover Seals & Drains	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Generator Protective Relay Replacement	\$ -	\$ -	\$ -	\$ 150,000	\$ -
Lathe	\$ 18,000	\$ -	\$ -	\$ -	\$ -
Man-Made Island Canal	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Mitigation Land	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Mower	\$ -	\$ 22,000	\$ -	\$ -	\$ -
New Facility - Analysis/Design/Site Testing	\$ 45,000	\$ -	\$ -	\$ -	\$ -
New Facility - Construction	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -
Revenue Meters	\$ -	\$ 24,000	\$ -	\$ -	\$ -
RT Fork Lift	\$ 70,000	\$ -	\$ -	\$ -	\$ -
Server/Cameras/Office Machines/Computers	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Service Air Compressor	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -
Side By Side	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -

7/15/2020

	2021	2022	2023	2024	2025
Sluice Gate Construction	\$ -	\$ -	\$ 2,600,000	\$ 5,356,000	\$ -
Sluice Gate Design	\$ -	\$ 835,000	\$ -	\$ -	\$ -
Sluice Gate Replacement - CFD & Physical Model Des	\$ 330,000	\$ 511,000	\$ -	\$ -	\$ -
Sonar & Turbidity Sensors	\$ 150,000	\$ -	\$ -	\$ -	\$ -
South Well Pump	\$ 3,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extention - Analysis	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extention - Construction	\$ -	\$ -	\$ 1,082,000	\$ -	\$ -
Spillway 4 Rail Extention - Design	\$ -	\$ 525,000	\$ -	\$ -	\$ -
Spillway Gate Control	\$ -	\$ -	\$ -	\$ 200,000	\$ -
Spillway Gate Finite Element Analysis	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Spillway Gate Hoist Covers	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Spillway Handrail & Guardrail	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Trash Rake Construction	\$ -	\$ -	\$ 1,770,000	\$ -	\$ -
Trash Rake Design	\$ -	\$ 191,000	\$ -	\$ -	\$ -
Vehicle for Gen Superintendent	\$ -	\$ 40,000	\$ -	\$ -	\$ -
Vehicle for Resource Worker	\$ -	\$ -	\$ 42,000	\$ -	\$ -
Warehouse Repairs	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Labor	\$ 3,617,928	\$ 3,974,700	\$ 4,108,900	\$ 4,240,100	\$ 4,365,800
Special O&M	\$ 3,617,928	\$ 3,974,700	\$ 4,108,900	\$ 4,240,100	\$ 4,365,800
Employee Medical Insurance	\$ 437,670	\$ 572,200	\$ 583,600	\$ 601,100	\$ 619,100
Employer PERS	\$ 157,058	\$ 244,200	\$ 253,100	\$ 269,700	\$ 277,700
ES SUPPORT OVERHEAD	\$ 477,600	\$ 339,500	\$ 349,400	\$ 359,900	\$ 370,700
ES SUPPORT WAGES	\$ 683,800	\$ 484,300	\$ 499,000	\$ 514,000	\$ 529,400
Flu Shot Clinics	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
L&I - Employer	\$ 21,100	\$ 28,100	\$ 30,800	\$ 31,700	\$ 32,700
Long Term Disability	\$ 3,800	\$ 5,000	\$ 5,400	\$ 5,600	\$ 5,700
Misc Pension & Benefits, CDL, medical exam, etc	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
OT Benefits	\$ 8,200	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200
OT Taxes	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
OT Wages	\$ 51,900	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Paid Family Leave Benefit	\$ 2,500	\$ 3,500	\$ 4,100	\$ 4,200	\$ 4,400
PCORI ACA Requirement	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Short Term Disability Benefit	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
SOCIAL SECURITY MEDICARE	\$ 118,700	\$ 151,000	\$ 156,800	\$ 161,500	\$ 166,300
Standby Pay	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
Term Ins Benefit	\$ 1,400	\$ 2,000	\$ 2,100	\$ 2,200	\$ 2,200
VEBA Benefit	\$ 14,600	\$ 18,800	\$ 19,600	\$ 20,200	\$ 20,800
VEBA Cash Out	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
WAGES	\$ 1,551,000	\$ 1,973,900	\$ 2,049,100	\$ 2,110,600	\$ 2,173,900
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
O&M	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Project Reimbursement / Revenue	\$ (10,013,500)	\$ (12,239,350)	\$ (12,949,600)	\$ (12,994,200)	\$ (8,213,400)
REV	\$ (10,013,500)	\$ (12,239,350)	\$ (12,949,600)	\$ (12,994,200)	\$ (8,213,400)
BPA Project Reimbursement	\$ (9,934,500)	\$ (12,155,350)	\$ (12,860,600)	\$ (12,900,200)	\$ (8,114,400)
BPA Project Reimbursement (2019 Carry Over)	\$ -	\$ -	\$ -	\$ -	\$ -
Campground Revenue	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
Tacoma Fish Collector Reimbursement	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
REV	\$ (723,000)	\$ (744,700)	\$ (767,000)	\$ (723,000)	\$ (790,000)
Transmission Wheeling - Rev Entry	\$ (723,000)	\$ (744,700)	\$ (767,000)	\$ (723,000)	\$ (790,000)
Wheeling	\$ 723,000	\$ 744,700	\$ 767,000	\$ 723,000	\$ 790,000
Total Revenue	\$ (418,972)	\$ 378,800	\$ (117,600)	\$ (109,900)	\$ (111,000)

7/15/2020

Cowlitz Falls Direct Labor Report

FY 2021	Positions	Hours	Wages	Benefits	Taxes	Total Cost
CF						
CF Admin. Assistant	1	2080	\$ 66,420	\$ 43,471	\$ 5,081	\$ 114,972
CF Biologist	1	1040	\$ 40,409	\$ 32,238	\$ 3,091	\$ 75,738
Generation Manager	1	2080	\$ 145,112	\$ 44,272	\$ 11,101	\$ 200,484
Generation Superintendent	2	4160	\$ 249,729	\$ 101,180	\$ 19,104	\$ 370,013
Hydro Engineer / Project Manager	1	2080	\$ 95,706	\$ 39,946	\$ 7,322	\$ 142,974
Journeyman Operator-Maintenance	4	5200	\$ 262,819	\$ 177,389	\$ 20,106	\$ 460,314
Part Time Records	1	800	\$ 40,900	\$ 163	\$ 3,129	\$ 44,192
Recreation & Wildlife Supervisor	1	2080	\$ 106,340	\$ 39,549	\$ 8,135	\$ 154,024
Resource Worker	1	2080	\$ 84,221	\$ 38,547	\$ 6,443	\$ 129,212
Resource Worker - Lead	1	2080	\$ 92,516	\$ 39,558	\$ 7,077	\$ 139,151
Sr. Journeyman Operator-Maintenance	1	2080	\$ 118,271	\$ 51,480	\$ 9,048	\$ 178,799
Summer Seasonal	4	2400	\$ 50,479	\$ 2,326	\$ 3,862	\$ 56,666
Grand Total		28160	\$ 1,352,922	\$ 610,118	\$ 103,499	\$ 2,066,539

From: Stacy Davis

Sent: Wed Oct 28 15:53:42 2020

To: Connolly, Kieran P (BPA) - PG-5

Cc: Todd, Wayne A (BPA) - PGA-6; Sonoda, Cherie D (BPA) - PGAC-RICHLAND; Carlson, Debbie (BPA) - PGAC-RICHLAND; Brad Ford; Joe First; Chris Roden; Matt Samuelson; Doug Streefer CPA

Subject: [EXTERNAL] Notice of Arbitration

Importance: Normal

Attachments: LCPUD-BPA Arbitration Notice 10-28-2020.pdf

Mr. Connolly,

Attached is Public Utility District No. 1 of Lewis County's notice to Bonneville Power Administration invoking binding arbitration pursuant to Section 31(c)(1) of the Amendatory Contract for Power Purchase, Contract No. DE-MS79-91BP93212.

Sincerely,

Stacy Davis

Executive Assistant

Stacy Davis

Executive Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2412 | e:Stacy@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.

2021 CFP Support *Excluding Commissioners						
	Year	%	Wages	O/H	Wage & O/H	
ACCT						
CFO	2021	15%	\$ 23,923	\$ 16,710	\$40,634	
Controller	2021	13%	\$ 17,581	\$ 12,280	\$29,861	
Financial Analyst	2021	10%	\$ 9,018	\$ 6,299	\$15,316	
Procurement and Risk Supervisor	2021	15%	\$ 14,643	\$ 10,228	\$24,871	
Purchasing Buyer	2021	10%	\$ 8,818	\$ 6,159	\$14,977	
Senior Accountant	2021	10%	\$ 10,687	\$ 7,465	\$18,152	
Staff Accountant (CFP)	2021	100%	\$ 74,438	\$ 51,995	\$126,433	
Staff Accountant I	2021	15%	\$ 8,636	\$ 6,032	\$14,668	
Staff Accountant II	2021	5%	\$ 3,725	\$ 2,602	\$6,327	
ADMIN						
Executive Assistant	2021	5%	\$ 4,230	\$ 2,955	\$7,185	
General Manager	2021	25%	\$ 52,660	\$ 36,783	\$89,442	
Public Affairs Manager	2021	13%	\$ 12,782	\$ 8,928	\$21,710	
ENG						
Engineering Manager	2021	15%	\$ 25,266	\$ 17,649	\$42,915	
GIS Analyst	2021	1%	\$ 787	\$ 550	\$1,337	
GIS Supervisor	2021	2%	\$ 1,854	\$ 1,295	\$3,149	
System Engineering Supervisor	2021	2%	\$ 2,248	\$ 1,570	\$3,818	
Utilities Specialist	2021	1%	\$ 926	\$ 647	\$1,572	
HR						
HR Generalist	2021	15%	\$ 11,080	\$ 7,739	\$18,819	
HR Manager	2021	15%	\$ 20,462	\$ 14,293	\$34,755	
HR Specialist	2021	15%	\$ 12,783	\$ 8,929	\$21,712	
IS						
CF IS/IT Support	2021	100%	\$ 63,804	\$ 44,567	\$108,371	
IS & Telecom Manager	2021	25%	\$ 34,321	\$ 23,973	\$58,295	
IT Technician	2021	50%	\$ 32,349	\$ 22,596	\$54,944	
Network Supervisor	2021	20%	\$ 20,451	\$ 14,285	\$34,737	
Records Retention Specialist	2021	70%	\$ 46,137	\$ 32,226	\$78,363	
Sr. Database Administrator	2021	20%	\$ 20,868	\$ 14,576	\$35,445	
OPS						
Line Superintendent	2021	4%	\$ 9,772	\$ 6,826	\$16,598	
Mechanic	2021	3%	\$ 5,703	\$ 3,983	\$9,686	
Mechanic Foreman	2021	3%	\$ 3,208	\$ 2,241	\$5,449	
Operations Admin. Asst.	2021	2%	\$ 1,297	\$ 906	\$2,204	
Operations Manager	2021	2%	\$ 3,071	\$ 2,145	\$5,216	
Operations Superintendent	2021	2%	\$ 2,339	\$ 1,634	\$3,974	
Safety and Meter Superintendent	2021	20%	\$ 23,395	\$ 16,341	\$39,736	
Tree Supervisor	2021	1%	\$ 978	\$ 683	\$1,662	
PP/ES						
Manager of Power Planning	2021	13%	\$ 22,307	\$ 15,581	\$37,888	
Power Supply/Energy Services Analyst	2021	3%	\$ 2,779	\$ 1,941	\$4,720	
Grand Total	2021		\$ 609,325	\$ 425,614	\$1,034,939	

Account Description	Detail	GL	Category	Life	Year					
					2021	2022	2023	2024	2025	
Electric Plant - Generation	5-Ton Bridge Crane	2-08-544-000	OR&R	50	\$ 500,000					
Electric Plant - Generation	Battery Bank Replacement	2-08-544-000	OR&R	10				\$ 80,000		
Electric Plant - Generation	Exciter Brush Dust Vacuum System	2-08-544-000	OR&R	25	\$ 120,000					
Electric Plant - Generation	Exciter Replacement	2-08-544-000	OR&R	40				\$ 125,000	\$ 500,000	
Electric Plant - Generation	Generator Cooling Water Refurbishment	2-08-544-000	OR&R	40				\$ 78,000		
Electric Plant - Generation	Generator Hatch Cover Seals & Drains	2-08-544-000	OR&R	N/A	\$ 120,000					
Electric Plant - Generation	Generator Protective Relay Replacement	2-08-544-000	OR&R	35				\$ 150,000		
Electric Plant - Generation	Revenue Meters	2-08-544-000	OR&R	45		\$ 24,000				
Electric Plant - Generation	South Well Pump	2-08-544-000	OR&R	25	\$ 3,000					
Fish & Wildlife	Derby Site Enhancement	2-08-537-010	OR&R	N/A	\$ 30,000	\$ 30,000				
Fish & Wildlife	Mitigation Land	2-08-537-010	OR&R	N/A	\$ 75,000					
Fish & Wildlife - ESA Requirements	Man-Made Island Canal	2-08-537-060	OR&R	N/A		\$ 50,000				
Misc Expenses	Communications (Radios, etc.)	2-08-539-000	OR&R	10	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100	\$ 6,100
Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	OR&R	5	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Misc Hydraulic Plant	Concrete Scanner	2-08-545-000	OR&R	10	\$ 25,000					
Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	OR&R	50	\$ 40,000					
Misc Hydraulic Plant	Lathe	2-08-545-000	OR&R	25	\$ 18,000					
Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	2-08-545-000	OR&R	50	\$ 45,000					
Misc Hydraulic Plant	New Facility - Construction	2-08-545-000	OR&R	50		\$ 1,800,000				
Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	OR&R	100	\$ 150,000					
Misc Hydraulic Plant	Warehouse Repairs	2-08-545-000	OR&R	50		\$ 60,000				
Recreation	Campground A Loop Restroom	2-08-545-020	OR&R	50			\$ 150,000			
Resv., Dams & Waterways	Boat Barrier Replacement	2-08-543-000	OR&R	25			\$ 120,000			
Resv., Dams & Waterways	Debris Barrier Coating & Cathodic Protection - Construction	2-08-543-000	OR&R	25		\$ 400,000				
Resv., Dams & Waterways	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000	OR&R	25		\$ 14,000				
Resv., Dams & Waterways	Downstream Boat Ramp	2-08-543-000	OR&R	25		\$ 250,000				
Resv., Dams & Waterways	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000	OR&R	50					\$ 150,000	
Resv., Dams & Waterways	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	OR&R	35	\$ 25,000					
Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	OR&R	25	\$ 1,000	\$ 1,000				
Resv., Dams & Waterways	Sluice Gate Construction	2-08-543-000	OR&R	50			\$ 2,600,000	\$ 5,356,000		
Resv., Dams & Waterways	Sluice Gate Design	2-08-543-000	OR&R	50		\$ 835,000				
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	OR&R	50	\$ 330,000	\$ 511,000				
Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	OR&R	7	\$ 150,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Analysis	2-08-543-000	OR&R	50	\$ 45,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Construction	2-08-543-000	OR&R	50			\$ 1,082,000			
Resv., Dams & Waterways	Spillway 4 Rail Extention - Design	2-08-543-000	OR&R	50		\$ 525,000				
Resv., Dams & Waterways	Spillway Gate Control	2-08-543-000	OR&R	50				\$ 200,000		
Resv., Dams & Waterways	Spillway Gate Finite Element Analysis	2-08-543-000	OR&R	50	\$ 75,000					
Resv., Dams & Waterways	Spillway Gate Hoist Covers	2-08-543-000	OR&R	50		\$ 120,000				
Resv., Dams & Waterways	Trash Rake Construction	2-08-543-000	OR&R	40			\$ 1,770,000			
Resv., Dams & Waterways	Trash Rake Design	2-08-543-000	OR&R	40		\$ 191,000				
Transportation Equipment	Mower	2-00-392-012	OR&R	10		\$ 22,000				
Transportation Equipment	RT Fork Lift	2-00-392-012	OR&R	20	\$ 70,000					
Transportation Equipment	Side By Side	2-00-392-012	OR&R	10			\$ 30,000	\$ 30,000		
Transportation Equipment	Vehicle for Gen Superintendent	2-00-392-012	OR&R	7		\$ 40,000				
Transportation Equipment	Vehicle for Resource Worker	2-00-392-012	OR&R	7			\$ 42,000			
Grand Total					\$ 1,833,300	\$ 4,884,300	\$ 5,805,500	\$ 6,030,500	\$ 661,500	

Draft 2021 Budget Comparison		
	2020	2021
O&M	\$ 1,238,720	\$ 2,649,600
Admin & General	\$ 373,400	\$ 372,300
Operating Expenses	\$ 808,420	\$ 2,212,200
Taxes	\$ 56,900	\$ 65,100
OR&R	\$ 953,000	\$ 1,595,300
Special O&M	\$ 2,863,400	\$ 4,399,600
Admin & General	\$ 442,800	\$ 1,112,700
Labor	\$ 2,420,600	\$ 3,286,900
Total	\$ 5,055,120	\$ 8,644,500



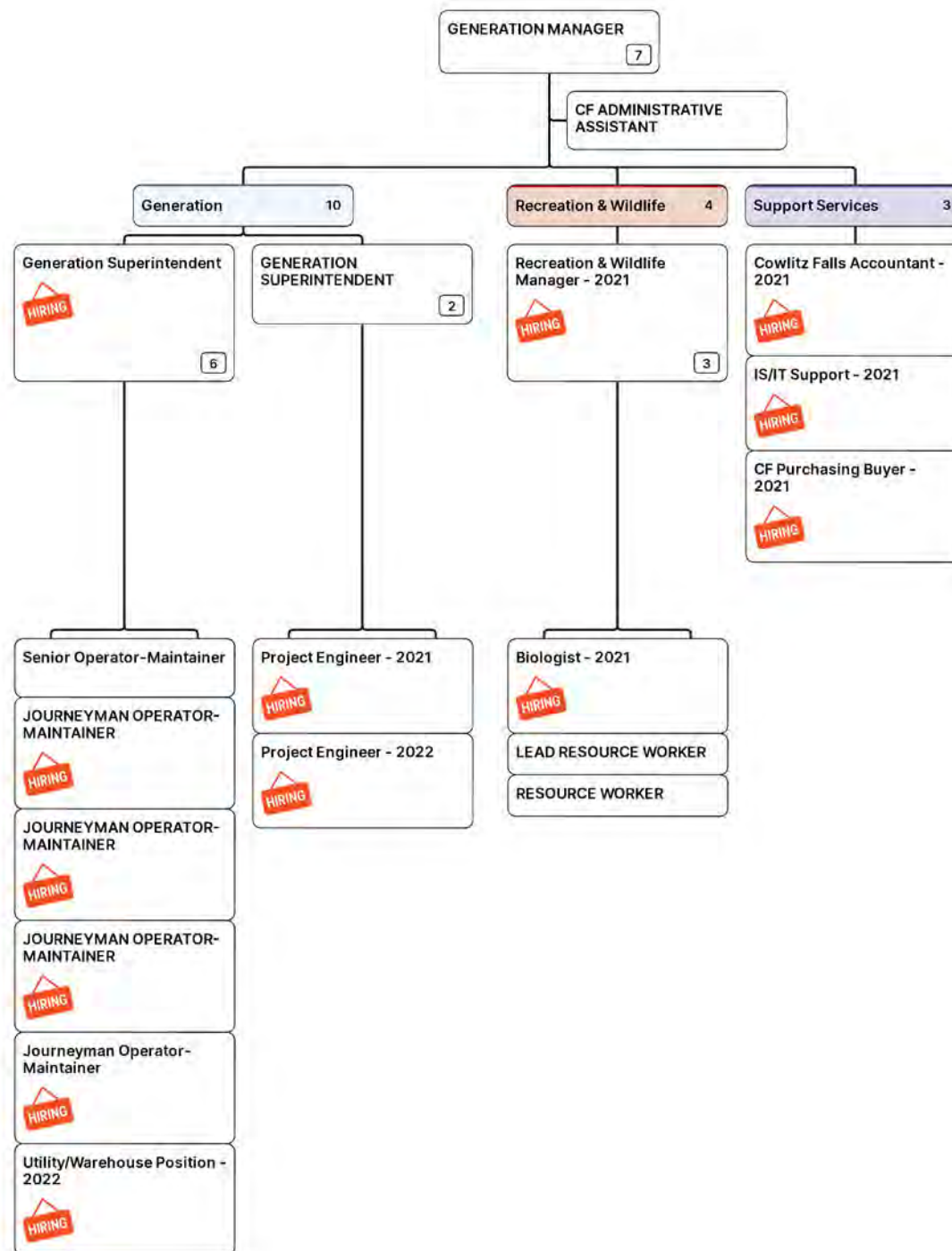
The information provided above compares the 2020 budget with the current 2021 draft budget grouped by O&M, Special O&M, and OR&R. Further detail has been expanded to display the relative changes in OPEX, A&G, Taxes, and Labor. Notable within the overall cost increase is the change in Labor, OR&R, Special O&M A&G, and OPEX.

Labor - Increases in the labor budget are attributed to the hiring of 4 new positions (biologist, IT/IS analyst, accounting analyst, project engineer). Several additional hires have been deferred into future years and the timing of the 2021 hires has been reflected in the budget. The new positions will assist current staff in meeting new and existing regulatory requirements. Support labor needed to operate the project has also increased to reflect costs incurred. The project has been historically under staffed and the 2021 budget represents a step towards sufficient staffing with additional hiring needed in the future.

OR&R - The OR&R budget is increasing by a modest amount as the SCADA project comes to completion in 2020 and several new projects are started. Notable projects increasing the cost center include the 5 ton bridge crane, handrail/guardrail replacements, sluice gate design, seal replacement, and the dust vacuum system. Many of the large OR&R projects are needed for the safety of the project and reliable long term operation.

Operating Expenses - This category represents the largest cost increase within the 2021 budget. Many of the increases can be attributed to reoccurring maintenance that does not happen every year. Other items include contractors needed to operate/maintain the project until staffing can be restored (there is currently 1 qualified operator), temporary office space needed until a long term solution can be constructed, recreation site parking development, and debris barrier maintenance.

Special O&M Admin and General - This cost category remains largely unchanged except for two items which drive up the overall cost. The alternative analysis and budget justification requested by BPA moves the category up by \$160k. The supporting A&G charge moves the category up by roughly \$500k. The supporting A&G pays for a portion of the systems and infrastructure needed to operate the project including but not limited to accounting software, IT servers, payroll, and support facilities.



Lewis County
PUBLIC UTILITY DISTRICT

P.O. BOX 330 CHEHALIS, WA 98532 • 321 N.W. PACIFIC AVENUE CHEHALIS, WA 98532
(800) 562-5612 • (360) 748-9261 • FAX (360) 740-2455 • www.lepud.org

October 28, 2020

Mr. Kieran Connolly
Vice President
Generation Asset Management
Bonneville Power Administration
PO Box 3621
Portland, OR 97208-3621

RE: PGAC/Richland - Notice of Invocation of Binding Arbitration Under Section 31 of
Amendatory Contract for Power Purchase, Contract No. DE-MS79-91BP93212 (the
"Contract")

Dear Mr. Connolly:

Despite our collective best efforts, the Public Utility District No. 1 of Lewis County (the "District") and the Bonneville Power Administration ("BPA") have failed to agree on the FY 2021 Annual Operating Budget for the Cowlitz Falls Project (the "Project") prior to the start of the FY 2021 operating year. This represents the third consecutive year where the District and BPA have not reached an agreement on the budget before the start of the Project's operating year (let alone thirty (30) days prior to the beginning of the operating year as required under Section 9(a)(1) of the Contract). Indeed, in recent years, considerable portions of the operating year have elapsed before the District and BPA have reached agreement on the Annual Operating Budget. For example, the FY 2019 Annual Operating Budget was not agreed to until over five (5) months into the operating year. For FY 2020, more than six (6) months of the operating year was over before an agreement was reached.

The current cycle of starting each operating year without an agreed to budget is unsustainable and putting the long-term safe and reliable operation of the Project at risk. The District develops its budget proposals for the Project based on the assumption that it will have the entire operating year in which to implement them. Budget uncertainty that extends into the middle of the operating year due to a failure to reach agreement inevitably delays execution of the hiring of needed staff, the preparation and implementation of large projects and routine maintenance, and the acquisition of necessary equipment and inventory until that uncertainty is resolved. The District's experience from prior years is that, the longer into the operating year it takes to reach agreement on the Annual Operating Budget, the more likely critical projects will be deferred in the final Annual Operating Budget due to the District's practical need of getting a budget in place. Good stewardship of the Project demands that the District and BPA break this cycle.



It is for the above reasons that the District hereby invokes binding arbitration pursuant to Section 31(c)(1) of the Contract. Further discussions without a neutral third-party are unlikely to bridge the funding gap between the District and BPA proposals for the FY 2021 Annual Operating Budget in a timely manner. In addition, by invoking binding arbitration for the FY 2021 Annual Operating Budget, the District also hereby invokes the right under Section 31(e) of the Contract to have an arbitrator standing ready to apply the principles of Sections 7(a)-(i) of the Contract to help resolve issues that may arise as part of the budgeting process for FY 2022 and future operating years. We see this as an absolute necessity going forward to help ensure that the FY 2022 and future Annual Operating Budgets are in place thirty (30) days prior to the start of the operating year as required under Section 9(a)(1) of the Contract.

Attached as Attachment 1 is a list of the 68 issues arising from the FY 2021 Annual Operating Budget that the District has identified for arbitration. The issue list is based on each of the budget line items where (1) the District's budget proposal of September 24, 2020, as shown in the budget summary and detail attached as Attachment 2 to this letter, and BPA's budget proposal of October 9, 2020, as shown in the budget summary and detail attached as Attachment 3 to this letter, differed in amount; and (2) the District has determined to not accept BPA's proposal.

The timelines for the arbitration process under the Contract are short and will be on the parties quickly. For the benefit and ease of both the District and BPA, the District has identified the process steps below as well as the date each step must be completed in accordance with the Contract. Unless otherwise indicated, all dates shown are counted from the date of this notice, which is also the day the notice was mailed and emailed to BPA. Please have a representative from BPA contact me at their earliest convenience so we can begin the process of identifying a mutually agreeable arbitrator, which the Contract requires to be done within fifteen (15) days from the date of this notice.

Contract Sec.	Arbitration Step	Due Date
31(c)(1)	District's Notice of Invocation of Binding Arbitration	October 28, 2020
31(c)(2)	BPA's Notice of Additional Issues due	November 07, 2020
31(c)(3)	Parties to mutually agree upon an arbitrator	November 12, 2020
31(c)(4)	If unable to agree upon an arbitrator, each party to designate a representative	November 22, 2020
31(c)(5)	Party representatives to send notice to parties identifying the arbitrator the representatives have mutually selected	December 02, 2020
31(c)(7)	Parties submit to the arbitrator their written proposals for resolution of issues submitted for arbitration	20 days after the appointment of arbitrator
31(c)(10)	Arbitrator issues written opinion deciding each issue submitted for arbitration	30 days after written submittals

In closing, the District appreciates the efforts BPA staff has put forward in trying to reach a mutually agreeable budget for the FY 2021 operating year. This year's process was an improvement over prior years with better coordination and communication on both sides. The District nonetheless believes that annual cycle of agreeing to an Annual Operating Budget after the beginning of the subject operating year is not sustainable and that invoking binding arbitration is the best way to put it to an end. We remain committed to our role as the stewards of the Project and look forward to hearing from BPA soon in order to coordinate the remaining steps of the arbitration process.

Sincerely,

(b) (6)

Chris Roden
General Manager
Public Utility District No. 1 of Lewis County

ATTACHMENT 1

List of District's Issues for Arbitration

<u>Issue No.</u>	<u>Budget Line Item</u>	<u>LCPUD Proposal for FY 2021</u>	<u>BPA Proposal for FY 2021</u>
Admin & General – General			
1.	A&G Exhibit F	\$537,700	\$100,000
2.	Engineering Consultants	\$65,000	\$16,200
3.	Legal Services (General Issues)	\$20,000	\$15,000
4.	Misc.	\$5,400	\$2,700
Admin & General – Training and Travel			
5.	Computer Training	\$800	\$0
6.	WPUDA Admin Roundtable	\$600	\$0
7.	WPUDA Records Roundtable	\$300	\$0
Operating Expenses – Fish & Wildlife			
8.	Alternative Fishing Derby Site Development (OR&R Project)	\$50,000	\$0
9.	Habitat Management; Fertilizer, Spraying, Plants	\$8,700	\$8,400
10.	Kid's Trout Derby	\$5,200	\$2,400
Operating Expenses – General			
11.	230 kV Circuit Breaker Maintenance	\$45,000	\$0
12.	5-Ton Bridge Crane (OR&R Project)	\$500,000	\$0
13.	Buffer Zone Management	\$2,000	\$1,000
14.	CEATI Projects	\$15,000	\$0
15.	CF Project Telephones	\$7,000	\$3,300
16.	Cooling Water Valves	\$8,000	\$0
17.	Electrical Contractors	\$45,000	\$20,000
18.	Electrical Parts	\$14,000	\$8,000
19.	Instrumentation Parts	\$10,000	\$8,000
20.	Mechanical Contractors	\$45,000	\$20,000
21.	Mechanical Parts	\$14,000	\$8,000
22.	New Facility – Analysis/Design/Site Testing (OR&R Project)	\$45,000	\$36,722
23.	Radio/Pager System Improvements	\$25,000	\$0
24.	Smoke Detectors & Fire Water Systems	\$2,600	\$1,600
25.	Spillway Handrail & Guardrail (OR&R Project)	\$140,000	\$70,000
26.	Structure Maintenance; Concrete, Fencing	\$20,000	\$10,000
27.	Tools & Equipment	\$15,000	\$6,000
Operating Expenses – Operating Expenses			
28.	1D Sediment Transport Study	\$100,000	\$0
29.	Dam Instrumentation	\$6,000	\$4,000
30.	Diving Services	\$12,500	\$12,000
31.	Equipment Rental	\$30,800	\$18,900

32.	Mechanical & Piping	\$9,000	\$6,600
33.	Metal	\$12,000	\$3,000
34.	Sedimentation Survey	\$5,200	\$2,700
35.	Spillway 4 Rail Extension – Alternative Analysis (OR&R Project)	\$45,000	\$0
36.	Spillway Gates	\$5,000	\$3,000
Operating Expenses – Recreation			
37.	Campground Internet	\$3,000	\$1,500
38.	Contract Services (Backhoe, Gravel)	\$7,000	\$2,000
39.	Copper Creek Take Out Site Parking	\$75,000	\$0
40.	Ground Maintenance	\$3,200	\$0
41.	Open/Close Packwood Gate	\$2,600	\$0
42.	Portable Restrooms	\$2,200	\$2,100
43.	Repairs & Supplies	\$9,000	\$8,200
44.	Sewer & Water System Maintenance	\$6,400	\$4,400
Operating Expenses – Transmission			
45.	ROW Maintenance	\$60,000	\$50,000
Labor - Wage, Benefits, & Taxes			
46.	Employee Medical Insurance	\$411,400	\$2,727,218
47.	Employer PERS	\$131,400	
48.	ES Support Overhead	\$439,200	
49.	ES Support Wages	\$627,900	
50.	Flu Shot Clinics	\$400	
51.	L&I - Employer	\$16,200	
52.	Long Term Disability	\$3,200	
53.	Misc Pension & Benefits, CDL, Medical Exam, etc	\$5,000	
54.	OT Benefits	\$7,000	
55.	OT Taxes	\$4,000	
56.	OT Wages	\$52,000	
57.	Paid Family Leave Benefit	\$2,100	
58.	PCORI ACA Requirement	\$100	
59.	PL Cash Out	\$15,000	
60.	Retiree/COBRA Med Ins - Premiums & Claims	\$20,000	
61.	Short Term Disability	\$2,000	
62.	Social Security Medicare	\$100,400	
63.	Standby Pay	\$37,100	
64.	Term Ins Benefit	\$1,400	
65.	VEBA Benefit	\$12,200	
66.	VEBA Cash Out	\$5,000	
67.	Wages	\$1,312,500	
68.	*Debt Funding	\$0	\$0

*Financing proceeds and the associated payment structure have been removed per BPA's request as depicted in the budget response letter.

ATTACHMENT 2

**District Summary and Detailed Budget Proposal of September 24, 2020
2021 Cowtliz Falls Budget Summary**

	2021
Admin & General	\$ 1,383,300
General	\$ 1,302,500
Training & Travel	\$ 80,800
Operating Expenses	\$ 3,515,900
Fish & Wildlife	\$ 143,900
General	\$ 1,822,100
Operating Expenses	\$ 1,186,100
Recreation	\$ 293,800
Transmission	\$ 70,000
Labor	\$ 3,205,500
Wage, Benefits, & Taxes	\$ 3,205,500
Debt	\$ (1,525,600)
Interest Expense	\$ 45,000
Principal	\$ 61,700
Intercompany Loan Proceeds	\$ (1,632,300)
Taxes	\$ 65,100
Taxes	\$ 8,200
Taxes - Privilege	\$ 56,900
Project Reimbursement / Revenue	\$ (6,644,200)
Project Reimbursement	\$ (6,565,200)
Project Revenue	\$ (79,000)
Wheeling	\$ -
Wheeling	\$ -
Total (\$0 is Balanced)	\$ -
Project Expenditures	\$ 8,276,500
BPA Reimbursement	\$ (6,565,200)
Intercompany Loan Proceeds	\$ (1,632,300)
Other Project Revenue	\$ (79,000)
Total (\$0 is Balanced)	\$ -

2021 CFP 2021 Budget Detail	
	2021
Admin & General	\$ 1,383,300
General	\$ 1,302,500
A&G Exhibit F	\$ 537,700
Auditing	\$ 20,900
Bank Fees	\$ 1,000
CF Vehicle and Equipment Fuel	\$ 16,000
CF Vehicle Maintenance	\$ 12,000
Communication Services	\$ 3,300
Communications Fiber - User Fee	\$ 6,500
Computer Services	\$ 5,600
Consumable First Aid Supplies	\$ 3,200
Consumable Janitorial Supplies	\$ 1,300
Consumable Safety Supplies & PPE	\$ 5,400
Dam Safety Consultant	\$ 84,000
Engineering Consultants	\$ 65,000
Excess Liability Insurance	\$ -19,000
FERC Fixed Fees	\$ 65,000
Fire District Payment	\$ 19,000
Labor Consultant	\$ 1,000
Legal Services (BiOp & FERC Issues)	\$ 24,200
Legal Services (General Issues)	\$ 20,000
Liability Insurance	\$ 10,000
Licenses & Permits	\$ 6,400
Long Range Plan Analysis	\$ 50,000
Misc	\$ 5,400
Office Supplies	\$ 9,000
Other	\$ 3,000
Port Blakely Easement	\$ 17,500
Project Analysis	\$ 20,000
Property Insurance	\$ 170,000
Small Tools	\$ 2,500
USGS Gauging Station Fees	\$ -40,600
WECC & NERC Consultants	\$ 58,000
Training & Travel	\$ 80,800
American Fisheries Society Meeting	\$ 1,500
AVO Circuit Breaker Maintenance	\$ 2,400
CEATI Annual Meeting	\$ 2,200
Computer Training	\$ 800
Confined Space Training	\$ 8,000
HydroVision	\$ 2,000
NW Hydro Forum	\$ 400
NWA Annual Meeting	\$ 500
NWA Workshop	\$ 600
NWPPA Admin Asst Training	\$ 2,400
NWPPA Leadership Training	\$ 3,400
Operator Training Development	\$ 45,000
Pesticide Application Training	\$ 800
Records Training	\$ 700
Rope Access Training	\$ 8,000
Water / Wastewater Training	\$ 1,200
WPUA Admin Roundtable	\$ 600
WPUA Records Roundtable	\$ 300
Operating Expenses	\$ 3,515,900
Fish & Wildlife	\$ 143,900
Alternative Fishing Derby Site Development	\$ 50,000
Creel Study	\$ 18,000
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 8,700
Kid's Trout Derby	\$ 5,200
Mitigation Trout Program	\$ 43,000
Noxious Weed Control Contractor	\$ 9,000
General	\$ 1,822,100
230 kV Circuit Breaker Maintenance	\$ 45,000
5-Ton Bridge Crane	\$ 500,000
AVR Testing	\$ 60,000

2021 CFP 2021 Budget Detail	
	2021
Buffer Zone Management	\$ 2,000
CEATI Membership	\$ 36,000
CEATI Projects	\$ 15,000
CF Project Telephones	\$ 7,000
CFP Cell Phones	\$ 1,600
Communications (Radios, etc)	\$ 5,900
Computer Software	\$ 2,000
Contract Crane Inspections	\$ 12,600
Control Room / Office Area Repairs	\$ 40,000
Convert Engineering Drawings to AutoCAD	\$ 20,000
Cooling Water Valves	\$ 8,000
Drainage System	\$ 3,000
Electric Utilities - Secondary Power Feed	\$ 11,200
Electrical Contractors	\$ 45,000
Electrical Parts	\$ 14,000
Fail Protection Equipment	\$ 1,500
FR Clothing	\$ 8,000
Garbage Service	\$ 2,300
Generator Hatch Cover Seals & Drains	\$ 120,000
Generator Parameter Validation Testing	\$ 160,000
Habitat & Fish Recovery Services (WDFW)	\$ 10,000
HVAC	\$ 3,200
Inspections	\$ 2,200
Instrumentation Parts	\$ 10,000
Maintenance Supplies for Electric Plant	\$ 5,400
Mechanical Contractors	\$ 45,000
Mechanical Parts	\$ 14,000
New Facility - Analysis/Design/Site Testing	\$ 45,000
NWHA Membership	\$ 800
Operator Remote SCADA Communications	\$ 8,000
Plant Lighting	\$ 1,000
Plant Water Wells & Testing	\$ 1,200
Radio / Pager System Improvements	\$ 25,000
Rope Access Gear	\$ 1,500
Safety Improvements	\$ 5,000
Security Assessment	\$ 85,000
Security/Plant Locks	\$ 1,500
Server/Cameras/Office Machines/Computers	\$ 5,400
Shelving & Furniture	\$ 2,000
Smoke Detectors & Fire Water Systems	\$ 2,600
Spillway Handrail & Guardrail	\$ 140,000
Structure Maintenance: Concrete, Fencing	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200
Temporary Offices	\$ 200,000
Tools & Equipment	\$ 15,000
Transformer Oil Processing & Testing	\$ 1,000
Turbine Maintenance Seals	\$ 50,000
Operating Expenses	\$ 1,186,100
3D Sediment Transport Study	\$ 100,000
Contract Diesel Generator Maintenance	\$ 10,000
Contract Maintenance Elevator	\$ 15,000
Contract Operators	\$ 70,000
Dam Instrumentation	\$ 6,000
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000
Debris Barrier Corrosion Inhibitor	\$ 10,000
Debris Barrier Parts	\$ 1,000
Debris Removal	\$ 6,000
Diving Services	\$ 12,500
Equipment Rental	\$ 30,800
FERC Dam Movement Survey	\$ 8,400
Governor	\$ 4,000
Governor 3D CAM	\$ 40,000
Log Bronc Maintenance	\$ 1,000
Mechanical & Piping	\$ 9,000
Metal	\$ 12,000

2021 CFP 2021 Budget Detail	
	2021
Painting & Special Coatings	\$ 3,200
SCADA Support	\$ 50,000
Sedimentation Survey	\$ 5,200
Seismic Study	\$ 100,000
Service Air Compressor	\$ 1,000
Sluice Gate Replacement - CFD & Physical Model Design	\$ 330,000
Sonar & Turbidity Sensors	\$ 150,000
Spillway 4 Rail Extension - Alternative Analysis	\$ 45,000
Spillway Gates	\$ 5,000
Turbidity Sensor Communication	\$ 1,000
Recreation	\$ 293,800
Advertising	\$ 3,000
Building Maintenance	\$ 3,200
Campground Hosts	\$ 115,400
Campground Internet	\$ 3,000
Campground Reservation Software	\$ 5,000
Campground Telephone	\$ 1,300
Contract Septic and Water Services	\$ 25,000
Contract Services (Backhoe, Gravel)	\$ 7,000
Contract Services (Dock Installation and Removal)	\$ 2,500
Copper Creek Take Out Site Parking	\$ 75,000
Electric Utilities	\$ 6,200
Garbage Service	\$ 6,200
Ground Maintenance	\$ 3,200
Noxious Weed Control	\$ 5,000
Open/Close Packwood Gate	\$ 2,600
Operation Supplies	\$ 2,200
Park Equipment Repairs	\$ 3,200
Portable Restrooms	\$ 2,200
Potable Water and Septic System Testing	\$ 2,000
Repairs & Supplies	\$ 9,000
Sewer & Water System Maintenance	\$ 6,400
Sign Replacements	\$ 2,200
Tools & Equipment	\$ 3,000
Transmission	\$ 70,000
ROW Maintenance	\$ 60,000
Transmission Line Corridor Planting	\$ 10,000
Labor	\$ 3,205,500
Wage, Benefits, & Taxes	\$ 3,205,500
Employee Medical Insurance	\$ 411,400
Employer PERS	\$ 131,400
ES Support Overhead	\$ 439,200
ES Support Wages	\$ 627,900
Flu Shot Clinics	\$ 400
LBI - Employer	\$ 16,200
Long Term Disability	\$ 3,200
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000
OT Benefits	\$ 7,000
OT TAXES	\$ 4,000
OT WAGES	\$ 52,000
Paid Family Leave Benefit	\$ 2,100
PCORI ACA Requirement	\$ 100
PL Cash Out	\$ 15,000
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000
Short Term Disability	\$ 2,000
Social Security Medicare	\$ 100,400
Standby Pay	\$ 37,100
Term Ins Benefit	\$ 1,400
VEBA Benefit	\$ 12,200
VEBA Cash Out	\$ 5,000
Wages	\$ 1,312,500
Wages - Capitalized	\$ -
Debt	\$ (1,525,600)
Interest Expense	\$ 45,000
2021 CFP Intercompany - Interest	\$ 45,000

2021 CFP 2021 Budget Detail	
	2021
Principal	\$ 61,700
2021 CFP Intercompany - Principal	\$ 61,700
Intercompany Loan Proceeds	\$ (1,632,300)
2021 Intercompany Proceeds	\$ (1,632,300)
Taxes	\$ 85,100
Taxes	\$ 8,200
County Taxes	\$ 700
Ecology Water Tax	\$ 7,500
Taxes - Privilege	\$ 56,900
Privilege Tax	\$ 56,900
Project Reimbursement / Revenue	\$ (6,644,200)
Project Reimbursement	\$ (6,565,200)
BPA Project Reimbursement	\$ (6,565,200)
Project Revenue	\$ (79,000)
Campground Revenue	\$ (75,000)
Interest Income	\$ (4,000)
Wheeling	\$ -
Wheeling	\$ -
Transmission Wheeling - Offset Entry	\$ 746,000
Transmission Wheeling - Rev Entry	\$ (746,000)
	\$ -

ATTACHMENT 3

BPA Summary and Detailed Budget Proposal of October 9, 2020

BPA Proposed FY21 Budget	
A&G	\$890,400
Oper Exp	\$1,665,400
OR&R	\$759,022
Labor and O/H FY20	\$2,420,600
3% labor increase FY21	\$72,618
Increase (Support labor)	\$234,000
Taxes	\$65,100
Total budget	\$6,107,140
FY19 Carryover	\$90,804
Project Revenue	\$79,000
BPA Reimbursement	\$5,937,336

BPA Proposed FY21 CFP Budget	FY 2020	LCPU FY 2021	BPA FY 2021	Comment
ADMIN & GENERAL				
A&G Exhibit F		\$537,700	\$100,000	Working jointly to establish agreed upon methodology and amend PPA. This amount is a placeholder. BPA understands the actual may be more or less than amount noted.
Auditing	\$21,000	\$20,900	\$20,900	
Bank Fees	\$1,000	\$1,000	\$1,000	
Communications Fiber - User Fee	\$6,000	\$6,500	\$6,500	
Consumable First Aid Supplies	\$3,200	\$3,200	\$3,200	
Consumable Janitorial Supplies	\$1,300	\$1,300	\$1,300	
Consumable Safety Supplies & PPE	\$5,400	\$5,400	\$5,400	
Excess Liability Insurance	\$13,000	\$19,000	\$19,000	
FERC Fixed Fees	\$65,000	\$65,000	\$65,000	
Liability Insurance	\$22,500	\$10,000	\$10,000	
License & Permits	\$6,400	\$6,400	\$6,400	
Other	\$0	\$3,000	\$3,000	Insurance
Port Blakely Easement	\$16,000	\$17,500	\$17,500	
Property Insurance	\$158,500	\$170,000	\$170,000	
USGS Gauging Station Fees	\$37,300	\$40,600	\$40,600	
American Fisheries Society Meeting	\$0	\$1,500	\$1,500	
AVO Circuit Breaker Maintenance	\$0	\$2,400	\$2,400	Training for operators. Prudent due to new staff.
CEATI Annual Meeting	\$0	\$2,200	\$2,200	
CF Vehicle and Equipment Fuel	\$16,000	\$16,000	\$16,000	
CF Vehicle Maintenance	\$12,000	\$12,000	\$12,000	
Communication Services	\$5,600	\$3,300	\$3,300	
Computer Services	\$5,600	\$5,600	\$5,600	
Computer Training	\$0	\$800	\$0	Ability for CFP to defer.
Confined Space Training	\$0	\$8,000	\$8,000	
Dam Safety Consultant	\$84,000	\$84,000	\$84,000	

Engineering Consultants	\$16,200	\$65,000	\$16,200	300% increase from FY20. Based on actuals as of August, FY20 amounts are adequate. The scope of work consultants will be utilized on has yet to be solidified. BPA holding to FY20 amount due to no quantifiable reasoning to increase from the CFP.
EPTC Elect. Fundamentals	\$0	\$0		
Fire District Payment	\$17,700	\$19,000	\$19,000	CFP removed. 7% increase from FY20
HydroVision	\$0	\$2,000	\$2,000	
Labor Consultant	\$1,000	\$1,000	\$1,000	
Legal Services	\$16,000	\$24,200	\$24,200	Increase for FERC historic summary 33% increase from FY20. Actual estimates and scope of work for increase not given.
Legal Services	\$15,000	\$20,000	\$15,000	
Long Range Plan Analysis	\$103,000	\$50,000	\$50,000	
Misc.	\$2,700	\$5,400	\$2,700	Drivers for increase not based on prior year actuals or increased work.
NW Hydro Forum	\$0	\$400	\$400	
NWHA Annual Meeting	\$0	\$500	\$500	
NWHA Workshop	\$0	\$600	\$600	
NWPPA Admin Asst. Training	\$0	\$2,400	\$2,400	
NWPPA Leadership Training	\$0	\$3,400	\$3,400	
Office Supplies	\$8,000	\$9,000	\$9,000	
Operator Training Development	\$0	\$45,000	\$45,000	Development of operator training program.
Pesticide Application Training	\$0	\$800	\$800	
Project Analysis	\$0	\$20,000	\$20,000	
Records Training	\$0	\$700	\$700	
Rope Access Training	\$0	\$8,000	\$8,000	
Water/Wastewater Training	\$0	\$1,200	\$1,200	
WECC & NERC Consultants	\$55,000	\$58,000	\$58,000	5.5% increase from FY20

WPUDA Admin Roundtable	\$0	\$600	\$0	CFP has ability to defer
WPUDA Records Roundtable	\$0	\$300	\$0	CFP has ability to defer
Small Tools & equipment	\$5,500	\$5,500	\$5,500	
**cost of debt financing	\$0	\$106,700	\$0	BPA declining debt option.
TOTALS	\$750,300	\$1,493,000	\$890,400	
OPERATING EXPENSES				
1D Sediment Transport Study	\$0	\$100,000	\$0	The 1D study is not required by ecology. This study may help support sedimentation plan but not essential/information provided in detailed study over 2017-2019 is sufficient. Conclusion from this study will not support an alternative plan. Money better spent to address sluice gate operations which identified as concern to properly operating for better sedimentation management.
230kV Circuit Breaker Maintenance	\$0	\$45,000	\$0	HydroAmp score 6.9 (good); Black&Vetch suggests replacement in 2022;item can wait for LRP and future assessments.
Advertising	\$3,000	\$3,000	\$3,000	
AVR Testing	\$0	\$60,000	\$60,000	Prudent to perform in FY21 based on current condition and testing freq. requirements.
Buffer Zone Management	\$1,000	\$2,000	\$1,000	100% increase from FY20. FY20 allocation sufficient and not essential to increase.
Building Maintenance	\$3,200	\$3,200	\$3,200	

Campground Hosts	\$4,000	\$115,400	\$115,400	
Campground Internet	\$1,500	\$3,000	\$1,500	100% increase. Reason for increase from FY20 not provided. FY20 allocation sufficient. Increase not essential.
Campground Reservation Software	\$4,800	\$5,000	\$5,000	
Campground Telephone	\$1,300	\$1,300	\$1,300	
CEATI Membership	\$36,000	\$36,000	\$36,000	
CEATI Projects	\$0	\$15,000	\$0	
CF Project Telephones	\$3,300	\$7,000	\$3,300	112% increase. Reason for large increase from FY20 not provided. FY20 allocation sufficient.
CFP Cell Phones	\$1,600	\$1,600	\$1,600	
Computer Software	\$0	\$2,000	\$2,000	
Contract Crane Inspections	\$12,600	\$12,600	\$12,600	
Contract Diesel Generator Maintenance	\$10,000	\$10,000	\$10,000	
Contract Maintenance Elevator	\$14,800	\$15,000	\$15,000	
Contract Operators	\$0	\$70,000	\$70,000	Head hunter fee
Contract Septic and Water Services	\$25,000	\$25,000	\$25,000	
Contract Services (Backhoe, Gravel)	\$4,000	\$7,000	\$2,000	75% increase from FY20. Backhoe use should be attributed to a specific project. BPA is no longer able to fund backhoe services to Packwood ballpark.
Contract Services (Dock Installation and F	\$0	\$2,500	\$2,500	
Convert Engineering Drawings to AutoCAD	\$20,000	\$20,000	\$20,000	
Cooling Water Valves	\$0	\$8,000	\$0	HydroAMP 5.7; move to FY 2022
Cooper Creek Take Out Site Parking	\$0	\$75,000	\$0	Project scope and deadline unknown at this time. Project appropriate for Reserve fund use if scope definitive in FY21.
Creel Study	\$0	\$18,000	\$18,000	BiOp requirement.

Dam Instrumentation	\$4,000	\$6,000	\$4,000	50% increase from FY20. This line item is not based on actuals of previous years or based on instrumentation for planned work.
Debris Barrier coating & Cathodic Protect	\$30,000	\$160,000	\$160,000	Funds for design.
Debris Barrier Corrosion Inhibitor	\$0	\$10,000	\$10,000	Work scheduled to be done in FY22-coating the inside of the debris barrier
Debris Barrier Parts	\$0	\$1,000	\$1,000	
Debris Removal	\$1,000	\$6,000	\$6,000	
Diving Services	\$12,000	\$12,500	\$12,000	
Drainage System	\$3,000	\$3,000	\$3,000	
Electric Utilities	\$6,000	\$6,200	\$6,200	
Electric Utilities - Secondary Power Feed	\$10,900	\$11,200	\$11,200	
Electrical Contractors	\$0	\$45,000	\$20,000	Mechanical and electrical contractors fall into the GL 2.08.544.000 (which includes other items as such as parts, etc.). FY20 August SOB has a total of all expenditures in this category of \$55,339. Bases on these actuals, approximately \$20K should be sufficient for misc. work for contractors. Our expectation is contract services for specific projects be included in the cost of associated project and this category is for misc. work.

Electrical Parts	\$8,000	\$14,000	\$8,000	75% increase from FY20. This is not based on actuals or estimates based on trending.
Equipment Rental	\$18,900	\$30,800	\$18,900	63% increase. Scope/work estimates not driving increase. Reduced work under BPA budget proposal will reduce equipment need. FY20 levels sufficient.
Fall Protection Equipment	\$1,500	\$1,500	\$1,500	
FERC Dam Movement Survey	\$8,400	\$8,400	\$8,400	
Fish & Wildlife contract Services (RTL con	\$10,000	\$10,000	\$10,000	
FR Clothing	\$8,000	\$8,000	\$8,000	
Garbage Service	\$8,200	\$8,500	\$8,500	
Generator Parameter Validation Testing	\$0	\$160,000	\$160,000	
Governor		\$4,000	\$4,000	
Governor 3D CAM	\$10,000	\$40,000	\$40,000	\$10k of FY20 used, \$50k total project cost.
Ground Maintenance	\$2,200	\$3,200	\$0	Funding for equipment is covered in small tools. Labor is covered by resource workers and summer help. Estimated increase not driven by actual scope of work increases.
Habitat & Fish Recovery Services (WDFW	\$10,000	\$10,000	\$10,000	
Habitat Management; Fertilizer, Spraying	\$8,400	\$8,700	\$8,400	
HVAC	\$3,200	\$3,200	\$3,200	
Inspections	\$2,200	\$2,200	\$2,200	
Instrumentation Parts	\$8,000	\$10,000	\$8,000	25% increase. Quantifiable drivers of increase not provided. This is not based on actuals or estimates based on failure trending.

Kid's Trout Derby	\$0	\$5,200	\$2,500	This is for prizes and advertising- there is room for reduction of both these items.
Log Bronc Maintenance	\$1,000	\$1,000	\$1,000	
Maintenance Supplies for Electric Plant	\$5,400	\$5,400	\$5,400	
Mechanical & Piping	\$6,600	\$9,000	\$6,600	36% increase from FY20. This line item is not based on actuals of previous years or based on instrumentation for planned work based on instrument trending.
Mechanical Contractors	\$0	\$45,000	\$20,000	See line item for electrical contractors.
Mechanical Parts	\$8,000	\$14,000	\$8,000	75% increase from FY20. This line item is not based on actuals of previous years or based on instrumentation for planned work.

Metal	\$3,000	\$12,000	\$3,000	300% increase from FY20. This line item is not based on actuals of previous years or based on instrumentation for planned work.
Mitigation Trout Program	\$40,500	\$43,000	\$43,000	
Noxious Weed Control	\$5,000	\$5,000	\$5,000	
Noxious Weed Control Contractor	\$8,800	\$9,000	\$9,000	
NWHA Membership		\$800	\$800	
Open/Close Packwood Gate	\$2,500	\$2,600	\$0	BPA has informed LCPUD that we unfortunately cannot support goodwill items due to cost pressures by the region.
Operation Supplies	\$2,200	\$2,200	\$2,200	
Operator Remote SCADA Communicator	\$8,000	\$8,000	\$8,000	
Painting & Special Coatings	\$3,200	\$3,200	\$3,200	
Park Equipment Repairs	\$3,200	\$3,200	\$3,200	
Plant Lighting	\$1,000	\$1,000	\$1,000	
Plant Water Wells & Testing	\$1,200	\$1,200	\$1,200	
Portable Restrooms	\$2,100	\$2,200	\$2,100	
Potable Water and Septic System Testing	\$0	\$2,000	\$2,000	
Radio / Pager System Improvements	\$2,000	\$25,000	\$0	Project deferred to perform in conjunction with District to insure continuity.
Repairs & Supplies	\$8,200	\$9,000	\$8,200	
Rope Access Gear	\$1,500	\$1,500	\$1,500	
ROW Maintenance	\$50,000	\$60,000	\$50,000	20% increase. FY20 levels sufficient. Quantifiable reason for increase not performed.
Safety Improvements	\$6,000	\$5,000	\$5,000	
SCADA Support	\$0	\$50,000	\$50,000	Support for new SCADA system completed in FY20.
Security Assessment	\$0	\$85,000	\$85,000	
Security /Plant Locks	\$1,500	\$1,500	\$1,500	

Sedimentation Survey	\$2,700	\$5,200	\$2,700	93% increase. FY20 levels sufficient. Quantifiable reason for significant increase not provided.
Seismic Study	\$0	\$100,000	\$100,000	
Sewer & Water System Maintenance	\$4,400	\$6,400	\$4,400	45% increase. Not based on actuals. Quantifiable reasoning for increase from FY20 not provided.
Shelving & Furniture	\$2,000	\$2,000	\$2,000	
Sign Replacements	\$2,200	\$2,200	\$2,200	
Smoke Detectors & Fire Water Systems	\$1,600	\$2,600	\$1,600	
Spillway Gates	\$3,000	\$5,000	\$3,000	
Structure Maintenance; Concrete, Fence	\$10,000	\$20,000	\$10,000	100% increase for FY20. FY20 levels adequate for misc. expenses associated with this GL.
Subscriptions, Prints, Copies and Maps	\$2,200	\$2,200	\$2,200	
Temporary Offices	\$40,000	\$200,000	\$200,000	Provides adequate space for all CFP staff and contractors to address requested extra space for staff and security reasons.
Tools and Equipment	\$6,000	\$15,000	\$6,000	150% increase. Increase not based on actuals or quantifiable reasoning. Large increase not based on proposed work or tending of current equipment.
Transformer Oil Processing & Testing	\$1,000	\$1,000	\$1,000	
Transmission Line Corridor Planting	\$20,000	\$10,000	\$10,000	
Turbidity Sensor Communication	\$1,020	\$1,000	\$1,000	
Turbine Maintenance Seals	\$0	\$50,000	\$50,000	Prudent to perform in FY21 based on current condition of seals.
TOTALS	\$587,020	\$2,080,600	\$1,665,400	

Alternate Fishing Derby Site Development	\$0	\$50,000	\$0	Current site sufficient. Ability to defer. Old fishing derby site is available. Defer so alternatives can be looked at.
*5-ton Bridge Crane	\$0	\$500,000	\$0	Needs additional study and scoping to determine need, benefit, and alternatives; This is for two cranes - one over each unit. There are questions still outstanding and CFP needs to look into alternatives. The estimates are from several years ago as well as initial information and scope. This project is at high risk for going over budget and over schedule.
*Communications (Radios, etc)	\$5,900	\$5,900	\$5,900	
*Control Room/Office Area Repairs	\$0	\$40,000	\$40,000	
*Generator Hatch Cover Seals & Drains	\$0	\$120,000	\$120,000	Seals are showing wear and warrants as an essential project for FY21.
*New Facility-Analysis/Design/Site Testin	\$0	\$45,000	\$36,722	CFP indicated at least \$8,278 of work was performed in FY20, The FY21 amount may be lower than BPA proposed based on FY20 actuals.
*Server/Cameras/Office Machines/Comp	\$5,400	\$5,400	\$5,400	
*Service Air Compressor	\$1,000	\$1,000	\$1,000	
*Sluice Gate Replacement - CFD & Physic	\$0	\$330,000	\$330,000	This is an essential project and noted as needing to be addressed in recent assessments.
Sonar & Turbidity Sensors	\$0	\$150,000	\$150,000	Ecology requirement.

*Spillway 4 Rail Extension - Analysis	\$0	\$45,000	\$0	Refine estimates; analysis needed. CFP has as ability to defer.
Spillway Handrail & Guardrail	\$0	\$140,000	\$70,000	Replace hand rails only. Need handrail costs. Jersey barriers in place sufficient for safety- handrails seem prudent.
Wages - capitalized	\$0	\$200,000	\$0	Labor allocation for capital
TOTALS	\$880,300	\$1,432,300	\$759,022	



Biologist

Department: Cowlitz Falls

Job Code: CF0002

Location: Cowlitz Falls

FLSA Status: Exempt

Union/Non-Union: Non-Union

Travel: Local travel up to 20%; Occasional travel and attendance at meetings, training, or District offices.

Reports to: Generation Manager

Revised Date: 1.1.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Biologist is responsible for the District's fish and wildlife programs for the Cowlitz Falls Hydroelectric Project (Project). Ensures Project compliance with Federal, State, and local agency policies and regulations, manages fish and wildlife mitigation agreements and plans, implements the Endangered Species Act (ESA) requirements identified in the Project's Biological Opinion (BiOp), oversees the work of agencies and others through professional service contracts and contributed funds programs, conducts field research, records data, writes reports to document compliance, and occasionally coauthors papers.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Develop study plans and budgets for funding to fulfill the Project's BiOp (includes ten Reasonable and Prudent Measures intended to evaluate or reduce impacts to three listed anadromous fish species with the goal of minimizing incidental take) for the continued operations of the Project.
- Work with federal and state agencies and other utilities to minimize impacts to ESA listed species. Conduct and analyzes biological data to determine environmental effects of present and potential use of land and water areas. Includes preparation of JARPA permits and related environmental permits.

- Ensure compliance with FERC provisions and procedural requirements, including the NMFS biological opinion.
- Responsible for implementing the goals and objectives of the Washington Department of Fish and Wildlife 1986 Mitigation Agreement and related plans.
- Plan, organize, and oversee the District's Annual Kid's Trout Derby, Day Use Park Fishery and the Lake Scanewa reservoir fishery. Periodically prepare specs and RFPs to contract for the purchase of mitigation trout.
- Plan and contract for a mitigation trout creel once every five years and manage the fishery based on these result to minimize impacts to ESA listed fish from predation or other causes by mitigation trout.
- Oversees and coordinates several professional services contracts and contributed funds programs.
- Lead and manage fish rescue efforts during reservoir drawdowns.
- Responsible for the control of noxious weeds on Project land.
- Conduct wildlife research, habitat evaluation plans, tree thinning contracts, and habitat enhancement projects.
- Record data and provide required reporting and compliance documents.
- Negotiate mitigation agreements with state and federal agencies.
- Propose and write License Amendments.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no supervisory responsibilities.

Education and/or Experience:

Bachelor's degree in Biology or related field; and five years related experience and/or training; or equivalent combination of education and experience. Experience in performing fish and wildlife evaluations, habitat monitoring and enhancement projects, and working with local, state, and federal agencies required.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license. Must have a Washington state boaters license or the ability to obtain one within six months of employment. Herbicide permit preferred.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, PowerPoint, and Word and have knowledge of GIS and integrated data collection.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, and feel, and sit for extended periods of time. Often required to wear

and work in different types of personal protective equipment (PPE) including dry suits and waders; work around and over water, walk in deep sediments up to 14-15 inches deep; and in dirty conditions and from heights. Occasionally required to push, pull, lift and carry up to 40 pounds. Required to speak clearly and hear well when communicating over the telephone and in person. Must be physically able to enter, exit, and operate a boat, walk along shoreline and in deep sediments, and/or safely wade into water to collect samples or read and inspect monitoring equipment. Must be a strong swimmer.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Employee risks physical hazard working around water, deep sediments, and other hazards associated with dams and powerhouses. Work may be performed in outdoor weather conditions, including wet, dirty, greasy and oily conditions when working around equipment. The noise level in the work environment is moderate to loud.

This position may be required to work all hours of a day, on holidays, and/or weekends as work or emergency conditions dictate.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Cowlitz Falls Administrative Assistant

Department: Cowlitz Falls

Job Code: CF0001

FLSA Status: Non-Exempt

Union/Non-Union: Non-Union; this position may require access to confidential information that could be used in labor relations and/or collective bargaining.

Travel: Local travel up to 20%; Occasional travel and attendance at meetings, training, or District offices.

Reports to: Generation Manager

Revised Date: 1.1.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Cowlitz Falls Administrative Assistant provides administrative support to the Generation Manager and other District staff as needed.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Manages a variety of general office activities for the Cowlitz Falls Hydroelectric Project.
- Reads and routes incoming mail.
- Prepares, reviews, and/or sends outgoing correspondence by mail, e-mail, or fax.
- Greets scheduled visitors and directs to appropriate area or person.
- Coordinates Generation Manager and Generation Superintendent's schedule and makes appointments.
- Coordinates and arranges meetings, prepares agendas, reserves and prepares facilities, and records and transcribes minutes of meetings.
- In coordination with management, develops effective information communication for items relating to Cowlitz Falls facilities and other communications as directed.
- Prepares and reviews reports as required.

- Coordinates purchasing activities, including preparation of purchase orders, obtaining proper approvals, and tracking of project expenditures.
- Arranges for equipment maintenance and inspections, in accordance with company and state regulations.
- Ensures proper retention of records, organizes and maintains file system, and files correspondence and other records.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

The requirements listed below are representative of the knowledge, skill, and/or ability required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no supervisory responsibilities.

Education and/or Experience:

Associate's degree (A.A.) from a two-year college or technical school and a minimum of five years of experience in administrative support positions; or equivalent combination of education and experience.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, and feel, and sit for extended periods of time. Occasionally required to lift and carry up to 25 pounds. Occasionally required to work long hours as workload and emergency conditions dictate.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Work is generally performed in an indoor office environment. Occasionally exposed to physical hazards from energized equipment, rotating machinery, working around water and other hazards associated with dams and powerhouses. The noise level in the work environment is moderate.

Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is

designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Generation Manager

Department: Cowlitz Falls

Job Code: CF0004

Location: Cowlitz Falls

FLSA Status: Exempt

Union/Non-Union: Non-Union; this position may require access to confidential information that could be used in labor relations and/or collective bargaining.

Travel: Local travel up to 30%; Occasional travel and attendance at meetings, training, or District offices.

Reports to: General Manager

Revised Date: 1.1.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Generation Manager plans, organizes and manages the daily operation, maintenance and administrative functions of the Cowlitz Falls Hydroelectric Project related to the equipment performance and upkeep, safe work practices, fish program, budget, record keeping, and the supervision of personnel.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Manage the daily operation, maintenance, and administrative functions of the Cowlitz Falls Project in a cost effective and efficient manner.
- Establish, maintain and implement operating and documentation procedures in compliance with federal, state and local regulations including, but not limited to, FERC, environmental regulations and District policies.
- Keep current with the regulations pertaining to power generation and fish collection activities.
- Responsible for ensuring recreation and wildlife lands are being maintained and used properly.
- Ensure proper maintenance and filing of project records and logs, in accordance with company policy and/or local, state, and federal regulations.
- Ensure a safe workplace, in compliance with OSHA and DOL regulations.

- Develop and implement Project maintenance schedule.
- Develop the annual budget for Cowlitz Falls.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position directly supervises up to 11 employees, including subordinate supervisors who direct the work of up to 5 seasonal employees for the Cowlitz Falls Hydroelectric Project. This position is responsible for the overall direction, coordination, and evaluation of this department. Carries out supervisory responsibilities in accordance with the organization's policies and applicable laws. Responsibilities include interviewing, hiring, training, and developing employees; planning, assigning and directing work; monitoring performance; rewarding and disciplining employees; and addressing complaints and resolving problems.

Education and/or Experience:

Bachelor's degree in engineering or related experience and/or training and a minimum of five (5) years of experience in hydroelectric generation operation and/or maintenance; or equivalent combination of education and experience. Ability to read and understand electrical, civil and mechanical maintenance drawings, principles and practices pertaining to hydroelectric plants. Must have knowledge of federal, state and local standards for hydroelectric projects, including OSHA safety regulations as well as environmental, wildlife, fish and recreational regulations and licensing requirements for hydroelectric project.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license. Must be certified in First Aid or have the ability to obtain certification within six (6) months of employment. Licensed Professional Engineer (P.E.) in the State of Washington preferred.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, or feel, and sit for extended periods of time. Frequently climbs stairs and ladders in excess of 100 feet. Often required to wear and work in different types of personal protective equipment (PPE); work around and over water, in dirty conditions and from heights. Occasionally required to work in elevated positions and work from a suspended man-basket, work in confined spaces, work with hand and power tools to assist in testing and repairs of equipment. Occasionally required to push, pull, lift and carry up to 40 pounds. Required to speak clearly and hear

well when communicating over the telephone and in person. Must be physically able to enter, exit, and operate a boat, walk along shoreline, and/or safely wade into water to collect samples or read and inspect monitoring equipment.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Employee risks physical hazard from energized equipment, rotating machinery, falling from heights, working around water and other hazards associated with dams and powerhouses. Work may be performed in wet, dirty, greasy and oily conditions when working around equipment. The noise level in the work environment is moderate to loud.

This position may be required to work all hours of a day, on holidays, and/or weekends as work or emergency conditions dictate.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Generation Superintendent

Department: Cowlitz Falls

Job Code: CF0009

Location: Cowlitz Falls

FLSA Status: Exempt

Union/Non-Union: Non-Union; this position may require access to confidential information that could be used in labor relations and/or collective bargaining.

Travel: Local travel up to 30%; Occasional travel and attendance at meetings, training, or District offices.

Reports to: Generation Manager

Revised Date: 12.20.2019

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Generation Superintendent supervises the operation, maintenance projects and capital improvements of the District's hydroelectric generation facility. Schedules the work assignments of employees/contractors and implements District procurement, contracting, operating and maintenance procedures on all projects and improvements. Monitors and manages capital and maintenance projects.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Direct and supervise the activities of personnel and contractors to ensure safe, reliable and efficient operation and maintenance of the project.
- Assist in the development of operating procedures and preventative maintenance programs.
- Supervise project activities to assume compliance with District policies and procedures, state and federal safety standards, FERC license requirements, permits and regulatory requirements.
- Coordinate with other departments, contractors and stakeholders necessary to accomplish ongoing execution of operations and maintenance projects, and to provide for successful planning, engineering and completion of capital improvement projects associated with hydroelectric facilities.

- Responsible for performing and/or overseeing engineering and project management activities for District generation facilities and recreation/wildlife areas.
- Responsible for dam safety and Emergency Action Plan in compliance with federal, state, and local regulations and standards.
- Assist in maintaining accurate recordkeeping systems, monitor hydroelectric O&M activities, inspect equipment, diagnose problems, perform tests, compile data and submit reports as necessary to provide for proper evaluation, control, reporting and documentations of hydro plant operations.
- Assist in the preparation, monitoring and management of the department budget.
- Assist in the preparation and dissemination of updates and reports.
- Plan, establish priorities, schedule tasks, make assignments, monitor and evaluate progress of department activities toward completion within required timeframes and approved budgets.
- Provide leadership, communicate clear work and performance expectations, and give direction, support and feedback to assigned employees.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position may directly supervise up to 8 employees. This position is responsible for the overall direction, coordination, and evaluation of the departments plant improvement and upgrade projects. Also coordinates with plant operations and maintenance staff and supervisors. Carries out supervisory responsibilities in accordance with the organization's policies and applicable laws. Responsibilities include interviewing, hiring, training, and developing employees; planning, assigning and directing work; monitoring performance; rewarding and disciplining employees; and addressing complaints and resolving problems.

Education and/or Experience:

Bachelor's degree in engineering or related field and/or training and education in power plant operations and maintenance at a craft journey level and a minimum of five (5) years of experience in hydroelectric generation operation and/or maintenance; or equivalent combination of education and experience.

Ability to read and understand electrical, civil and mechanical maintenance drawings, principles and practices pertaining to hydroelectric plants. Must have demonstrated project management experience involving complex projects with multiple parties such as engineers, staff, consultants, suppliers, contractors and fabricators. Must have knowledge of federal, state and local standards for hydroelectric projects, including OSHA safety regulations as well as environmental, wildlife, fish and recreational regulations and licensing requirements for hydroelectric project. Must have two (2) years of supervisor experience.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license. Must be certified in First Aid or have the ability to obtain certification within six (6) months of employment. Professional Engineer (P.E.) or Project Management Professional

(PMP) desirable.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, or feel, and sit for extended periods of time. Frequently climbs stairs and ladders in excess of 100 feet. Often required to wear and work in different types of personal protective equipment (PPE); work around and over water, in dirty conditions and from heights. Occasionally required to work in elevated positions and work from a suspended man-basket, work in confined spaces, work with hand and power tools to assist in testing and repairs of equipment. Occasionally required to push, pull, lift and carry up to 40 pounds. Required to speak clearly and hear well when communicating over the telephone and in person. Must be physically able to enter, exit, and operate a boat, walk along shoreline, and/or safely wade into water to collect samples or read and inspect monitoring equipment.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Employee risks physical hazard from energized equipment, rotating machinery, falling from heights, working around water and other hazards associated with dams and powerhouses. Work may be performed in wet, dirty, greasy and oily conditions when working around equipment. The noise level in the work environment is moderate to loud.

This position may be required to work all hours of a day, on holidays, and/or weekends as work or emergency conditions dictate.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Journeyman Operator Maintainer

Department: Cowlitz Falls

Job Code:

Location: Cowlitz Falls

FLSA Status: Non-Exempt

Union/Non-Union: Union

Travel: Local travel up to 15%; Regular field work and attendance at public meetings or trainings.

Reports to: Generation Superintendent

Revised Date: 1.27.2016

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Journeyman Operator-Maintainer operates, maintains, troubleshoots, constructs, cleans, repairs, modifies, and installs electrical and/or mechanical equipment and systems relating to the production of hydroelectric power, water control and related facilities at the District's Cowlitz Falls Hydroelectric Project (Project) in accordance with safety standards and regulatory requirements.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned.

Primary Duties and Responsibilities:

- Perform operations and maintenance duties at the Project in accordance with District policies and procedures and in compliance with regulatory and safety requirements.
- Optimize energy production and delivery, water releases, generator loading and related equipment.
- Perform facility inspections and preventative maintenance activities to maximize facility and equipment service life, minimizing interruptions in power production and avoid inefficient water releases.
- Perform maintenance tasks, as assigned, to keep plant in well maintained condition, including but not limited to cleaning, electrical, mechanical, and structural activities.

- Complete all assigned tasks in a safe and efficient manner in accordance with District policies and procedures, consistent with accepted industry and regulatory standards
- Participate in employee skill development opportunities that promote performance enhancement of Journeyman Operator-Maintainer as related to Project operations and maintenance.
- Report incidents relating to FERC license and other regulatory requirements, accidents, plant operation, and equipment maintenance needs to the appropriate supervisory personnel. Assist in the development of recommendations to avoid future occurrences.
- Maintain and review plant reports including daily logs, monthly reports, etc., facilitating a detailed record of Project operating activities.
- Perform switching orders and clearance procedures, confined space entry permits and other safe work procedures in accordance with District and Project policies.
- Conduct a good working relationship with District employees, contractors, agencies and the general public. Promote a professional working atmosphere at all times.

Other Duties and Responsibilities:

- Use of electrical test equipment and hand held tools.
- Possess analytical and mathematical techniques.
- Use independent judgement and discretionary judgement.
- Ability to work rotating shifts, be on-call and work long hours during emergency call-outs.
- Respond to a Project alarm remotely within 10 minutes and ability to arrive at the Project within 30 minutes of receiving a call-out or alarm.
- Perform other related duties as assigned.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no direct supervisory responsibilities.

Education and/or Experience:

A minimum of five years of experience in hydroelectric generation, including three (3) years as a hydroelectric projects operator, mechanic, or electrician. Must have a high school diploma or equivalent.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license. Must have or obtain a First Aid Card with CPR.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, uses hands to finger, handle, or feel, and sit for extended periods of time. Occasionally required to lift and carry up to 60 pounds. Ability to work in elevated positions; also in areas with egress by ladders and stairs and possess the ability to climb stairs in excess of 200 feet. Required to speak and hear clearly when communicating over the telephone and in person.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Outdoor settings include all types of property and site conditions including elevated positions over and around deep open flowing water and water under pressure. Indoor settings include areas with limited access and confined space, moving machinery, etc. Individuals may be exposed to hazardous conditions, including but not limited to obstacles, heights, hazardous chemicals, energized equipment and circuits, electric and magnetic fields, and high-pressure oil systems. Ability to complete tasks with minimal supervisor and work alone for extended periods of time. The noise level in the work environment is in excess of 85 decibels.

Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.



Lead Resource Worker

Department: Cowlitz Falls

Job Code:

Location: Cowlitz Falls

FLSA Status: Non-Exempt

Union/Non-Union: Union

Travel: Local travel up to 15%; Regular field work and attendance at public meetings or trainings.

Reports to: Cowlitz Falls Superintendent

Revised Date: 5.22.2018

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Lead Resource Worker is responsible for maintaining the Cowlitz Falls Hydroelectric Project recreation facilities, provide maintenance in the Project's wildlife lands, and assists in fish and wildlife activities. Responsible for the operation and maintenance of Mill Creek Hydroelectric Project. May work alone and must be able to identify, analyze and resolve problems independently.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned.

Primary Duties and Responsibilities:

- Maintain recreational facilities for the Cowlitz Falls Hydroelectric Project.
- Perform inspections of the recreational areas.
- Construct recreational facility improvements.
- Oversee and assist in the operation of the Cowlitz Falls campground.
- Provide onsite management of contractors on maintenance and construction activities.
- Assist in the operation and maintenance of the water and septic systems at the recreation and Cowlitz Falls locations.
- Assist in the management of the Project's wildlife lands.
- Perform maintenance tasks in the wildlife lands.
- Assist in fish and wildlife activities.

- Perform noxious weed control in Project lands.
- Operate and maintain and Mill Creek Hydroelectric Project (November-May).
- Oversee the Resource Worker and Seasonal Workers (Mid May-early September).

Other Duties and Responsibilities:

- Assist in maintenance activities at the Cowlitz Falls Hydroelectric Project when needed.
- Perform other related duties as assigned.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no direct supervisory responsibilities. This position is a lead position, non-supervisory in nature, and will provide daily work, mentoring, training, and guidance to others; this position is not responsible for hiring, terminating, or disciplinary action.

Education and/or Experience:

Must have a high school diploma or equivalent. A degree in recreation or wildlife is preferred, but not required. An understanding of hydroelectric project operation and maintenance as well as experience in the following areas:

- Operations and maintenance of equipment and tools associated with the position.
- Operating and maintaining recreational facilities.
- Managing and/or maintain wildlife areas.

Certificates, Licenses, or Registrations:

Must have a valid Driver’s license. Must have or ability to obtain:

- Commercial Driver’s License (CDL) – Class A
- First Aid Card with CPR
- Washington State Public Operator Pesticide License
- Washington State Boater’s License
- Respirator Fit Test Certification

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is frequently required to walk, hike through varied terrain, climb stairs, bend, and reach, uses hands to finger, handle, or feel, use machinery such as tractors and mowers for extended periods of time. May be required to stand and move the entire day. Occasionally required to lift and carry up to 40 pounds. Ability to work in elevated positions; work on and over deep

water, must be a proficient swimmer, also in areas with egress by ladders and stairs and work in areas with limited access and confined space. Required to speak and hear clearly when communicating over the telephone and in person.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Outdoor settings include all types of land and site conditions including recreation sites, timberlands, hilly terrain, wetlands and marshes, on and near creeks, rivers and reservoirs, off trail terrain, and construction sites. Outdoor work may involve cold and hot air temperatures, and working in the snow and rain. Indoor settings include well houses, restrooms, warehouses, shops, and inside hydroelectric powerhouses. Individuals may be exposed to hazardous conditions, including but not limited to obstacles, heights, open trenches, roadway traffic, vegetation, fiberglass insulation, paint fumes, wood preservatives, solvents, oils, cleaning compounds, and petroleum products. The noise level in the work environment is generally moderate, but can be high inside hydroelectric powerhouse and during use of machinery, equipment, and tools.

Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.



Project Engineer

Department: Engineering

Job Code: CF0003

Location: Chehalis

FLSA Status: Exempt

Union/Non-Union: Non-Union

Travel: Local travel up to 20%; Occasional travel and attendance at meetings, training, or District offices.

Reports to: Generation Superintendent

Revised Date: 1.1.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Project Engineer is responsible for providing engineering and support services relating to the District's Cowlitz Falls Hydroelectric Project and Mill Creek Hydroelectric Project, and District's radio communications and electric system.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Responsible for engineering of operation and maintenance activities at District generation facilities and recreation and wildlife areas.
- Design and review changes to civil, mechanical and electrical systems to improve, repair or resolve problems at Cowlitz Falls and recreation areas.
- Provide reports on the status of project milestones and adjusts schedules accordingly.
- Develop contracts, writes specifications and develops drawings for a variety of repairs and improvement projects for Cowlitz Falls.
- Ensure compliance with FERC and other engineering standards related to improvements and changes to Project features, including required reports and filings.
- Coordinate preparation and delivery of project deliverables, design documents, and bid packages.

- Provide project management support, including quotes and bids for major construction, maintenance and repair projects, and permitting, in accordance with District policies.
- Responsible for dam safety and Emergency Action Plan, in compliance with federal, state and local regulations and standards.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no direct supervisory responsibilities. In the absence of the Cowlitz Falls Superintendent, this position may at times have supervisory responsibility.

Education and/or Experience:

Bachelor's degree in electrical, mechanical, or civil engineering or related experience and/or training; or equivalent combination of education and experience. Emphasis in industrial or power systems preferred. Experience in engineering, or operation and maintenance of hydroelectric dams or other power plants preferred. Must have knowledge and comprehensive understanding of mathematics, drafting, surveying, and engineering fundamentals. Ability to read and understand electrical, civil and mechanical maintenance drawings, principles and practices pertaining to hydroelectric plants.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license. Professional Engineer's (PE) License preferred. Must be certified in First Aid or have the ability to obtain certification within six (6) months of employment.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word. Experience with MS Access and AutoCad, and PLC programming preferred.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, and feel, and sit for extended periods of time. Frequently climbs stairs and ladders in excess of 100 feet. Often required to wear and work in different types of personal protective equipment (PPE); work around and over water, in dirty conditions and from heights. Occasionally required to work in elevated positions and work from a suspended man-basket, work in confined spaces, work with hand and power tools to assist in testing and repairs of equipment. Occasionally required to push, pull, lift and carry up to 40 pounds. Required to speak clearly and hear well when communicating over the telephone and in person.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Employee risks physical hazard from energized equipment, rotating machinery, falling from heights, working around water and other hazards associated with dams and powerhouses. Work may be performed in wet, dirty, greasy and oily conditions when working around equipment. The noise level in the work environment is moderate to loud.

This position may be required to work all hours of a day, on holidays, and/or weekends as work or emergency conditions dictate.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Resource Worker

Department: Cowlitz Falls

Job Code:

Location: Cowlitz Falls

FLSA Status: Non-Exempt

Union/Non-Union: Union

Travel: Local travel up to 15%; Regular field work and attendance at public meetings or trainings.

Reports to: Generation Superintendent

Revised Date: 5.14.2019

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Resource Worker is responsible for assisting in maintaining the Cowlitz Falls Hydroelectric Project recreation facilities, provide maintenance in the Project's wildlife lands, and assists in fish and wildlife activities. May work alone and must be able to identify, analyze and resolve problems independently.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned.

Primary Duties and Responsibilities:

- Assist in maintaining the recreational facilities for the Cowlitz Falls Hydroelectric Project.
- Perform inspections of the recreational areas.
- Assist in construction of recreational facility improvements.
- Assist in the operation of the Cowlitz Falls campground.
- Assist in the operation and maintenance of the water and septic systems at the recreation and Cowlitz Falls locations.
- Assist in the management of the Project's wildlife lands.
- Assist in performing maintenance tasks in the wildlife lands.
- Assist in fish and wildlife activities.
- Perform noxious weed control in Project lands.

Other Duties and Responsibilities:

- Assist in maintenance activities at the Cowlitz Falls Hydroelectric Project when needed.
- Perform other related duties as assigned.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no supervisory responsibilities.

Education and/or Experience:

Must have a high school diploma or equivalent. A degree in recreation or wildlife is preferred, but not required. An understanding of hydroelectric project operation is preferred.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license. Must have or ability to obtain:

- Commercial Driver's License (CDL) – Class A
- First Aid Card with CPR
- Washington State Public Operator Pesticide License
- Washington State Boater's License
- Respirator Fit Test Certification

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is frequently required to walk, hike through varied terrain, climb stairs, bend, and reach, uses hands to finger, handle, or feel, use machinery such as tractors and mowers for extended periods of time. May be required to stand and move the entire day. Occasionally required to lift and carry up to 40 pounds. Ability to work in elevated positions; work on and over deep water, must be a proficient swimmer, also in areas with egress by ladders and stairs and work in areas with limited access and confined space. Required to speak and hear clearly when communicating over the telephone and in person.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee is regularly exposed to indoor and outdoor environments. Outdoor settings include all types of land and site conditions including recreation sites, timberlands, hilly terrain, wetlands and marshes, on and near creeks, rivers and reservoirs, off trail terrain, and construction sites. Outdoor work may involve cold and hot air temperatures, and working in the snow and rain. Indoor settings include well houses, restrooms,

warehouses, shops, and inside hydroelectric powerhouses. Individuals may be exposed to hazardous conditions, including but not limited to obstacles, heights, open trenches, roadway traffic, vegetation, fiberglass insulation, paint fumes, wood preservatives, solvents, oils, cleaning compounds, and petroleum products. The noise level in the work environment is generally moderate, but can be high inside hydroelectric powerhouse and during use of machinery, equipment, and tools.

Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.



Cowlitz Falls Staff Accountant II

Department: Accounting

Job Code:

Location: Chehalis

FLSA Status: Exempt

Union/Non-Union: Non-Union; this position may require access to confidential information that could be used in labor relations and/or collective bargaining.

Travel: Local travel up to 10%; Occasional travel and attendance at meetings, seminars, and trainings.

Reports to: Controller

Revised Date: 7.29.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Cowlitz Falls Staff Accountant II is responsible for providing accounting services relating primarily to the District's Cowlitz Falls Hydroelectric Project. Duties involve all facets of communication, planning and accounting for the District's operations and programs.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Consult with the CFO/Treasurer, Controller/Auditor and Senior Accountant regarding generally accepted accounting principles as related to the District's reporting of operations within its industry.
- Perform accounting tasks as related to general ledger, accounts receivable, accounts payable, purchase orders, payroll, fixed assets and continuing property records, inventory, work orders/job orders and their related entries recorded in the general ledger.
- Prepare monthly budget to actual and other reports as required by management.
- Process work orders for tracking and capitalization of the Cowlitz Falls Project.
- Process monthly miscellaneous accounts receivable activities, including communication and collection activities.
- Review and post inventory transactions.

- Perform annual physical inventories at the Cowlitz Falls Project.
- Serve as a member of the District's records retention committee, ensuring that District files and documents are filed, stored and archived in accordance with the State's records retention schedule and other applicable laws and regulations.
- Keep working papers and supporting documents as required by auditors, state archivist and other agencies.
- Assist in budget and financial statement preparation.
- Assist in the accounts payable process when necessary.
- Assist in the payroll process when necessary.
- Complete government forms, reports, and industry surveys as required.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no supervisory responsibilities.

Education and/or Experience:

Bachelor's degree in accounting or business required and 1 to 3 years of experience in accounting or finance positions; or equivalent combination of education and experience. Knowledge of generally accepted accounting principles and their applications for financial reporting required. Knowledge of FERC accounting relating to the electric utility industry preferred.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, and Word. Knowledge and experience with Microsoft Dynamics GP preferred.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, or feel, and sit for extended periods of time. Specific vision abilities required by this job include close vision related to computer work. Occasionally required to lift and carry up to 25 pounds. Required to speak clearly and hear well when communicating over the telephone and in person. Occasionally exposed to limited hazardous conditions when performing physical inventory in warehouse.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Work is generally performed in an indoor office environment. The noise level in the work environment is generally quiet.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Cowlitz Falls Network Administrator I

Department: Information Systems

Job Code:

Location: Cowlitz Falls

FLSA Status: Exempt

Union/Non-Union: Non-Union

Travel: Local travel up to 20%; including travel and attendance at meetings, training, or District offices.

Reports to: Network Supervisor

Revised Date: 7.29.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Cowlitz Falls Network Administrator I assists with the daily administration of all District servers, software applications, and network management systems, enabling staff to operate computer systems as it relates to the Cowlitz Falls Hydroelectric Project. This individual also assists in providing accurate and timely information required to facilitate and accomplish the District's mission and goals. Work is closely managed to ensure skill building.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Assist in the management of the District's networking infrastructure and SCADA infrastructure, ensuring proper performance and reliability.
- Assist telecommunications systems, including voice, data, and video.
- Assist with the administration of the District's virtual environment, including set up, maintenance, testing, and providing training as needed.
- Assist with the management of the District's Storage Area Network.
- Maintain inventory of District assets including software and licenses by updating the tracking database.
- Support the patching of servers, in accordance with District policy.

- Support the District's strategic technology plan through assisting the evaluation of hardware and software.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no supervisory responsibilities.

Education and/or Experience:

Associate's degree in Information Systems and two years of experience in information technology positions; or equivalent combination of education and experience. Knowledge of Windows environments, word processing, Access, SQL Server, VB programming languages and/or network administration, IP addressing, and DNS required.

Certificates, Licenses, or Registrations:

Must have a valid Driver's license.

Computer Skills:

To perform this job successfully, an individual must be knowledgeable in Windows environments, word processing, Access, SQL Server, VB programming languages and/or network administration, virtual computing, IP addressing, and DNS.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, or feel, and sit for extended periods of time. Occasionally required to lift and carry up to 25 pounds. Required to speak clearly and hear well when communicating over the telephone and in person.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Work is generally performed in an indoor office environment. The noise level in the work environment is generally quiet.

This position may be required to work evenings or extended hours as required for system upgrades or maintenance.

Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our

success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date



Cowlitz Falls Procurement Specialist

Department: Accounting

Job Code:

Location: Chehalis

FLSA Status: Exempt

Union/Non-Union: Non-Union; this position may require access to confidential information that could be used in labor relations and/or collective bargaining.

Travel: Up to 50% local travel; travel and attendance to public meetings, seminars, and workshops.

Reports to: Procurement and Contract Supervisor

Revised Date: 7.27.2020

About the Company

Formed in 1936, Public Utility District No. 1 of Lewis County (District) is a municipal corporation of the State of Washington, formed by the people of Lewis County to provide electric service. The District provides retail electric service and operates a fiber optic service for utility purposes and wholesale customers throughout Lewis County (excluding the City of Centralia). Through leadership, teamwork, respect, communication, and accountability, we focus on ensuring a highly qualified and skilled work force striving toward our mission *Power you can rely on; People you can trust* as our number one priority.

About the Position

The Cowlitz Falls Procurement Specialist coordinates activities involved with procuring goods and services such as materials, equipment, supplies, and services for the District's Cowlitz Falls Hydroelectric Project, including assisting management of warehousing and annual inventory.

Essential Duties and Responsibilities include the following. Other duties, responsibilities, and activities may change or be assigned at any time with or without notice.

- Prepare and process purchase orders for goods and services in a timely manner as required; secures additional information on department needs and may prepare recommendations on vendor sources.
- Maintain knowledge of current materials and equipment through vendor contact, trade literature and other available sources. Maintain relationships with existing suppliers and sources new suppliers for future products.
- Assists in preparation of Invitations to Bid, Requests for Proposals and Requests for Quotations and maintains contract documentation.
- Accept deliveries and review orders received for accuracy and condition of merchandise.
- Check receipts from storeroom against open orders and coordinate payment of invoices with the

Accounting Department.

- Maintain procurement records such as items or services purchased, costs, delivery, product quality or performance, and inventories.
- Follow up on orders previously placed, solving problems such as late delivery, variation from specifications, incorrect pricing, etc.
- Assist in the preparation of bid packages where sealed bidding is necessary.
- Prepare annual reports of materials used, projected annual needs and inventory turnover ratio.
- Participate in the annual inventory of warehouse; prepare reports such as inventory balance and shortages.
- Participate in the disposal of surplus materials, supplies, and equipment in the best interests of the District.

Position Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

The requirements listed below are representative of the knowledge, skill, and/or ability required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Supervisory Responsibilities:

This position has no supervisory responsibilities.

Education and/or Experience:

Bachelor's degree in business administration or related field and two to four years of experience and/or training; or equivalent combination of education and experience. Knowledge of purchasing techniques, costs and controls, all federal and state regulations regarding purchasing, and public agency bidding and purchasing requirements required by the Revised Code of Washington (RCW).

Certificates, Licenses, or Registrations:

Must have a valid Driver's license.

Computer Skills:

To perform this job successfully, an individual must be proficient in MS Outlook, Excel, Word, and Purchase Order Software.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this Job, the employee is frequently required to walk, climb stairs, bend, reach, use hands to finger, handle, or feel, and sit for extended periods of time. Specific vision abilities required by this job include close vision related to computer work. Occasionally required to lift and carry up to 25 pounds. Required to speak clearly and hear well when communicating over the telephone and in person. Occasionally required to work long hours as emergency conditions dictate. Occasionally exposed to limited hazardous conditions when conducting physical inventory in warehouse.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Work is generally performed in an indoor office environment. The noise level in the work environment is quiet to moderate.

Nothing in this job description restricts management’s right to assign or reassign duties and responsibilities to this job at any time. Lewis County PUD believes that each employee makes a significant contribution to our success. That contribution should not be limited by the assigned responsibilities. This position description is designed to outline primary duties, qualifications and job scope, but not limit our employees nor the organization to just the work identified. It is our expectation that each employee will offer his/her services wherever and whenever necessary to ensure the success of the company.

Employee Acknowledgement

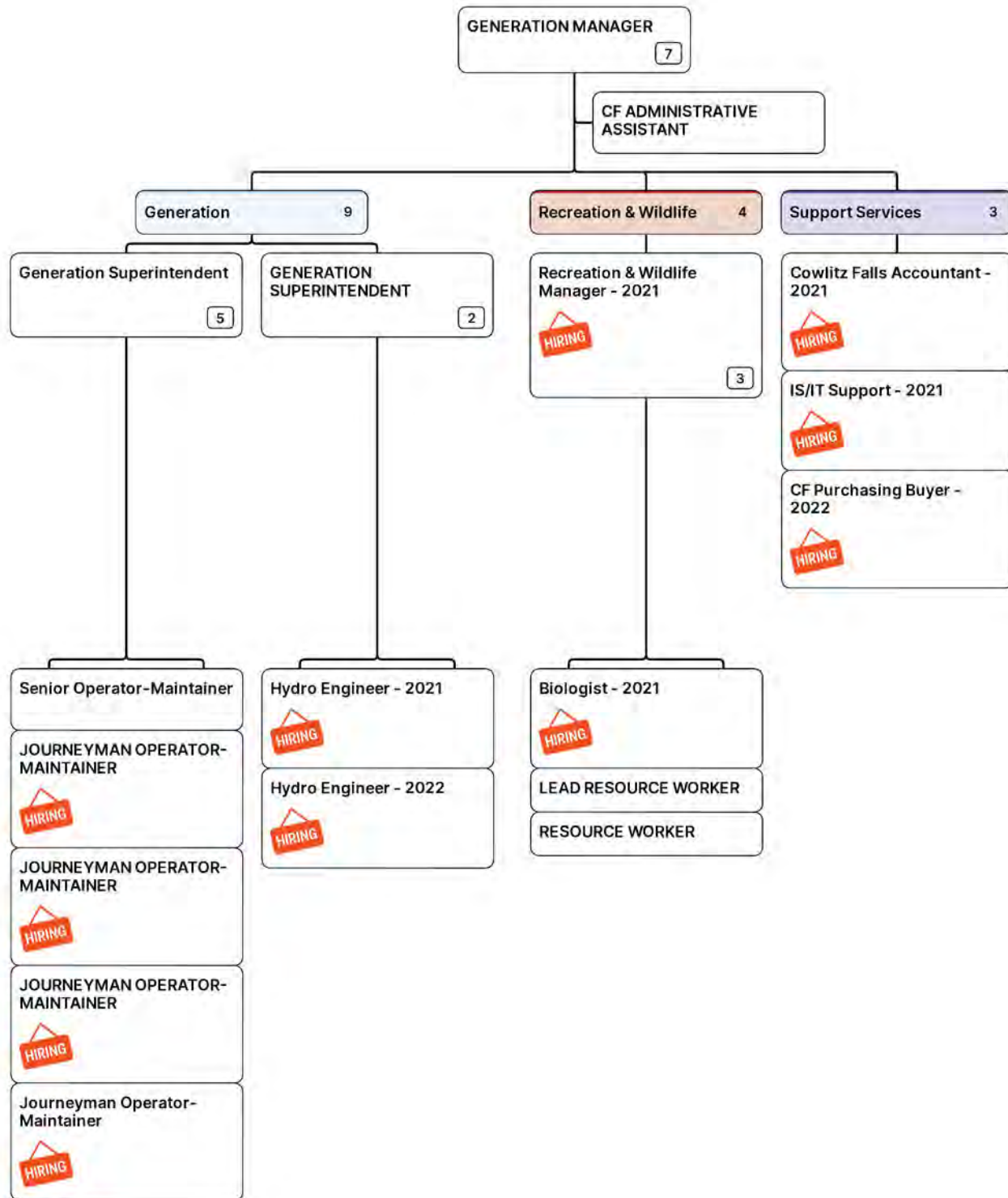
I have reviewed this document and understand the responsibilities of this position.

Employee Signature

Date

Account Description	Detail	GL	Category	Life	Year					
					2021	2022	2023	2024	2025	
Electric Plant - Generation	5-Ton Bridge Crane	2-08-544-000	OR&R	50	\$ 500,000					
Electric Plant - Generation	Battery Bank Replacement	2-08-544-000	OR&R	10				\$ 80,000		
Electric Plant - Generation	Exciter Brush Dust Vacuum System	2-08-544-000	OR&R	25	\$ 120,000					
Electric Plant - Generation	Exciter Replacement	2-08-544-000	OR&R	40				\$ 125,000	\$ 500,000	
Electric Plant - Generation	Generator Cooling Water Refurbishment	2-08-544-000	OR&R	40				\$ 78,000		
Electric Plant - Generation	Generator Hatch Cover Seals & Drains	2-08-544-000	OR&R	N/A	\$ 120,000					
Electric Plant - Generation	Generator Protective Relay Replacement	2-08-544-000	OR&R	35				\$ 150,000		
Electric Plant - Generation	Revenue Meters	2-08-544-000	OR&R	45		\$ 24,000				
Electric Plant - Generation	South Well Pump	2-08-544-000	OR&R	25					\$ 3,000	
Fish & Wildlife	Alternative Fishing Derby Site Development	2-08-537-010	OR&R	N/A	\$ 75,000					
Fish & Wildlife	Derby Site Enhancement	2-08-537-010	OR&R	N/A	\$ 30,000	\$ 30,000				
Fish & Wildlife - ESA Requirements	Man-Made Island Canal	2-08-537-060	OR&R	N/A		\$ 50,000				
Misc Expenses	Communications (Radios, etc.)	2-08-539-000	OR&R	10	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100	\$ 6,100
Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	OR&R	5	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Misc Hydraulic Plant	Concrete Scanner	2-08-545-000	OR&R	10		\$ 25,000				
Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	OR&R	50	\$ -					
Misc Hydraulic Plant	Lathe	2-08-545-000	OR&R	25	\$ 18,000					
Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	2-08-545-000	OR&R	50	\$ 45,000					
Misc Hydraulic Plant	New Facility - Construction	2-08-545-000	OR&R	50		\$ 1,800,000				
Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	OR&R	100	\$ 150,000					
Misc Hydraulic Plant	Warehouse Repairs	2-08-545-000	OR&R	50		\$ 60,000				
Recreation	Campground A Loop Restroom	2-08-545-020	OR&R	50			\$ 150,000			
Resv., Dams & Waterways	Boat Barrier Replacement	2-08-543-000	OR&R	25			\$ 120,000			
Resv., Dams & Waterways	Debris Barrier Coating & Cathodic Protection - Construction	2-08-543-000	OR&R	25		\$ 400,000				
Resv., Dams & Waterways	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000	OR&R	25		\$ 14,000				
Resv., Dams & Waterways	Downstream Boat Ramp	2-08-543-000	OR&R	25		\$ 250,000				
Resv., Dams & Waterways	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000	OR&R	50					\$ 150,000	
Resv., Dams & Waterways	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	OR&R	35		\$ 25,000				
Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	OR&R	25	\$ 1,000	\$ 1,000				
Resv., Dams & Waterways	Sluice Gate Construction	2-08-543-000	OR&R	50			\$ 2,600,000	\$ 5,356,000		
Resv., Dams & Waterways	Sluice Gate Design	2-08-543-000	OR&R	50		\$ 835,000				
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	OR&R	50	\$ 330,000	\$ 511,000				
Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	OR&R	7	\$ 150,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Alternative Analysis	2-08-543-000	OR&R	50	\$ 45,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Construction	2-08-543-000	OR&R	50			\$ 1,082,000			
Resv., Dams & Waterways	Spillway 4 Rail Extention - Design	2-08-543-000	OR&R	50		\$ 525,000				
Resv., Dams & Waterways	Spillway Gate Control	2-08-543-000	OR&R	50				\$ 200,000		
Resv., Dams & Waterways	Spillway Gate Finite Element Analysis	2-08-543-000	OR&R	50			\$ 75,000			
Resv., Dams & Waterways	Spillway Gate Hoist Covers	2-08-543-000	OR&R	50		\$ 120,000				
Resv., Dams & Waterways	Trash Rake Construction	2-08-543-000	OR&R	40			\$ 1,770,000			
Resv., Dams & Waterways	Trash Rake Design	2-08-543-000	OR&R	40		\$ 191,000				
Transportation Equipment	Mower	2-00-392-012	OR&R	10		\$ 22,000				
Transportation Equipment	RT Fork Lift	2-00-392-012	OR&R	20						\$ 70,000
Transportation Equipment	Side By Side	2-00-392-012	OR&R	10			\$ 30,000	\$ 30,000		
Transportation Equipment	Vehicle for Gen Superintendent	2-00-392-012	OR&R	7		\$ 40,000				
Transportation Equipment	Vehicle for Resource Worker	2-00-392-012	OR&R	7			\$ 42,000			
Grand Total					\$ 1,595,300	\$ 4,934,300	\$ 5,880,500	\$ 6,030,500	\$ 734,500	

GENERATION MANAGER



Draft CFP Budget 2021 - 2025

	2021	2022	2023	2024	2025
Admin & General	\$ 1,485,000	\$ 1,484,250	\$ 1,499,600	\$ 1,519,800	\$ 1,532,200
A&G Exhibit F	\$ 500,000	\$ 540,200	\$ 562,600	\$ 570,000	\$ 586,200
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ -	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
Arc Flash Training	\$ -	\$ -	\$ 3,000	\$ -	\$ -
Auditing	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
AVO Circuit Breaker Maintenance	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
AVO Substation Maintenance I	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -
AVO Thermography I	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
AVO Thermography II	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
Bank Fees	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
CEATI Annual Meeting	\$ 2,200	\$ 2,200	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ 1,400	\$ -	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CEATI HPLIG Meeting	\$ 1,400	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
CF Vehicle Maintenance	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Communication Services	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Communications Fiber - User Fee	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
Computer Services	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
Computer Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Confined Space Training	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Consumable First Aid Supplies	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Consumable Janitorial Supplies	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
Consumable Safety Supplies & PPE	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Cooper Compliance Audit	\$ -	\$ -	\$ -	\$ -	\$ -
Dam Safety Consultant	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
Document Management Software	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering Consultants	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
EPTC Switching & Grounding	\$ -	\$ 7,000	\$ 7,000	\$ -	\$ -
EPTC Elect. Fundamentals	\$ 7,000	\$ 7,000	\$ -	\$ -	\$ -
EPTC Power Plant Operation	\$ -	\$ -	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Excess Liability Insurance	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
Fall Protection Training	\$ -	\$ 8,000	\$ -	\$ -	\$ -
FERC Fixed Fees	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Fire District Payment	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
HydroVision	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Labor Consultant	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Legal Services (BiOp & FERC Issues)	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
Legal Services (General Issues)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Liability Insurance	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
Licenses & Permits	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Long Range Plan Analysis	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
Misc	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
NW Hydro Forum	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
NWHA Annual Meeting	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
NWHA Workshop	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
NWPPA Admin Asst. Training	\$ 2,400	\$ 2,400	\$ 2,400	\$ -	\$ -
NWPPA Leadership Training	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
Office Supplies	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Operator Training Development	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Other	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
Pesticide Application Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Port Blakely Easement	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
Project Analysis	\$ 130,000	\$ 140,000	\$ 140,000	\$ 150,000	\$ 150,000
Property Insurance	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
Records Management	\$ -	\$ -	\$ -	\$ -	\$ -
Records Training	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Rope Access Training	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Small Tools	\$ 2,500	\$ -	\$ -	\$ -	\$ -
TPC Elect. Workshop	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ -
TPC Frequency Drives Workshop	\$ 6,000	\$ -	\$ -	\$ -	\$ -
USGS Gauging Station Fees	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600
Water / Wastewater Training	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200

8/21/2020

Draft CFP Budget 2021 - 2025

	2021	2022	2023	2024	2025
WECC & NERC Consultants	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
WECC Fees	\$ -	\$ -	\$ -	\$ -	\$ -
WPUA Admin Roundtable	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
WPUA Records Roundtable	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Operating Expenses	\$ 3,807,500	\$ 7,266,500	\$ 7,257,300	\$ 7,090,600	\$ 2,261,800
1D Sediment Transport Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -
2022 BiOp Studies	\$ -	\$ 100,000	\$ -	\$ -	\$ -
230 kV Circuit Breaker Maintenance	\$ 45,000	\$ -	\$ -	\$ -	\$ -
5-Ton Bridge Crane	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Advertising	\$ 7,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Alternate Take-Out Site 1	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Alternate Take-Out Site 2	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Alternative Fishing Derby Site Development	\$ 75,000	\$ -	\$ -	\$ -	\$ -
AVR Testing	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Battery Bank Replacement	\$ -	\$ -	\$ -	\$ 80,000	\$ -
Boat Barrier Replacement	\$ -	\$ -	\$ 120,000	\$ -	\$ -
Bridge Inspection & Analysis	\$ -	\$ -	\$ 106,000	\$ -	\$ -
Buffer Zone Management	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Campground A Loop Restroom	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Campground Electrical Replacement -Design	\$ -	\$ -	\$ -	\$ -	\$ 64,000
Campground Fishing Pond Assessment & Design	\$ -	\$ 85,000	\$ -	\$ -	\$ -
Campground Hosts	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
Campground Internet	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
Campground Paving	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
Campground Reservation Software	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
Campground Telephone	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
CEATI Membership	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
CEATI Projects	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
CF Project Telephones	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
CFP Cell Phones	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
Communications (Radios, etc.)	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Concrete Scanner	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Contract Crane Inspections	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
Contract Diesel Generator Maintenance	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
Contract Maintenance Elevator	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
Contract Operators	\$ 70,000	\$ -	\$ -	\$ -	\$ -
Contract Septic and Water Services	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
Contract Services (Backhoe, Gravel)	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
Contract Services (Sweeping)	\$ -	\$ -	\$ -	\$ -	\$ -
Control Room / Office Area Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Convert Engineering Drawings to AutoCAD	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Cooling Water Valves	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Copper Creek Take Out Site Parking	\$ 75,000	\$ 225,000	\$ -	\$ -	\$ -
Creel Study	\$ 18,000	\$ -	\$ -	\$ -	\$ 20,000
Dam Instrumentation	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Debris Barrier Coating & Cathodic Protection - Construction	\$ -	\$ 400,000	\$ -	\$ -	\$ -
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Corrosion Inhibitor	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Debris Barrier Parts	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Debris Removal	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Derby Site Enhancement	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -
Diesel Generator Connection to Spillway Gates 2 & 3	\$ -	\$ 14,000	\$ -	\$ -	\$ -
Diving Services	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
D-Loop Electrical Design & Feed Replacements	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Downstream Boat Ramp	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Drainage Pump	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Drainage Sump Study	\$ -	\$ 35,000	\$ -	\$ -	\$ -
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Electric Utilities	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
Electric Utilities - Secondary Power Feed	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400
Electrical Contractors	\$ 45,000	\$ 80,000	\$ -	\$ -	\$ -
Electrical Parts	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000

Draft CFP Budget 2021 - 2025

	2021	2022	2023	2024	2025
Equipment Rental	\$ 30,800	\$ 34,000	\$ 42,000	\$ 42,000	\$ 24,000
Exciter Brush Dust Vacuum System	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Exciter Replacement	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000
Fall Protection Equipment	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
FERC Dam Movement Survey	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
FERC Part 12	\$ -	\$ -	\$ -	\$ 125,000	\$ -
FERC Part 12 Recommendations	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Fiber Extension Fee to USGS Randle Gage	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Fiber to Campground Extension Fee	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
FR Clothing	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Gantry Crane Controls and Drive Upgrade - Design	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Garbage Service	\$ 8,500	\$ 8,800	\$ 8,800	\$ 9,100	\$ 9,100
Generator Cooling Water Refurbishment	\$ -	\$ -	\$ -	\$ 78,000	\$ -
Generator Hatch Cover Seals & Drains	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Generator Parameter Validation Testing	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Generator Protective Relay Replacement	\$ -	\$ -	\$ -	\$ 150,000	\$ -
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Governor 3D CAM	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Ground Maintenance	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
GSU Transformer Maintenance	\$ -	\$ 45,000	\$ -	\$ -	\$ -
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
HVAC	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
HVAC Replacement Office Area	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Inspections	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Instrumentation Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Kid's Trout Derby	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Lathe	\$ 18,000	\$ -	\$ -	\$ -	\$ -
Line Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Log Bronc Maintenance	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Maintenance Management System	\$ -	\$ -	\$ 200,000	\$ 30,000	\$ 30,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Man-Made Island Canal	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Manuals, Major Tools, Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Materials	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical & Piping	\$ 10,600	\$ 10,600	\$ 11,000	\$ 11,000	\$ 11,000
Mechanical Contractors	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Mechanical Parts	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Metal	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Mitigation Trout Program	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
Mobile Diesel Generator & Log Bronc Cover	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Mower	\$ -	\$ 22,000	\$ -	\$ -	\$ -
New Facility - Analysis/Design/Site Testing	\$ 45,000	\$ -	\$ -	\$ -	\$ -
New Facility - Construction	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -
NHA Membership	\$ -	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
North Rock Wall Scaling	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Noxious Weed Control	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
Noxious Weed Control Contractor	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
NWHA Membership	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Open/Close Packwood Gate	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
Operator Remote SCADA Communications	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Park Equipment Repairs	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Portable Restrooms	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
Potable Water and Septic System Testing	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
Protective Relay Testing	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Radio / Pager System Improvements	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Re-coat Slot Covers	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Recreation Assessment	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Rentals	\$ -	\$ -	\$ -	\$ -	\$ -
Repairs & Supplies	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000

Draft CFP Budget 2021 - 2025

	2021	2022	2023	2024	2025
Replace Sluice Gate Bulkhead Seals	\$ -	\$ 2,500	\$ -	\$ -	\$ -
Revenue Meters	\$ -	\$ 24,000	\$ -	\$ -	\$ -
Roadway Gates	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
Rope Access Gear	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
RT Fork Lift	\$ -	\$ -	\$ -	\$ -	\$ 70,000
Safety Improvements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
SCADA Support	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
Security Assessment	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Security Improvements	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Security/Plant Locks	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Sedimentation Report	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Sedimentation Survey	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
Seismic Study	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
Server/Cameras/Office Machines/Computers	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Service Air Compressor	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -
Service Water VFD & Controls Replacement	\$ -	\$ 16,000	\$ -	\$ -	\$ -
Sewer & Water System Maintenance	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Shelving & Furniture	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Side By Side	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -
Sign Replacements	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Sluice Gate Construction	\$ -	\$ -	\$ 2,600,000	\$ 5,356,000	\$ -
Sluice Gate Design	\$ -	\$ 835,000	\$ -	\$ -	\$ -
Sluice Gate Replacement - CFD & Physical Model Design	\$ 330,000	\$ 511,000	\$ -	\$ -	\$ -
Small Tools	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
Sonar & Turbidity Sensors	\$ 150,000	\$ -	\$ -	\$ -	\$ -
South Well Pump	\$ -	\$ -	\$ -	\$ -	\$ 3,000
Spillway 4 Rail Extension - Alternative Analysis	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extension - Construction	\$ -	\$ -	\$ 1,082,000	\$ -	\$ -
Spillway 4 Rail Extension - Design	\$ -	\$ 525,000	\$ -	\$ -	\$ -
Spillway Gate Control	\$ -	\$ -	\$ -	\$ 200,000	\$ -
Spillway Gate Finite Element Analysis	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Spillway Gate Hoist Covers	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Spillway Handrail & Guardrail	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Structure Maintenance; Concrete, Fencing	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
Surveying	\$ -	\$ -	\$ -	\$ -	\$ -
Tailrace Repairs & Improvements - Design	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Temporary Offices	\$ 200,000	\$ 60,000	\$ -	\$ -	\$ -
Third Party Services	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Transformer Oil Processing & Testing	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Transmission Line Corridor Planting	\$ 10,000	\$ 40,000	\$ -	\$ -	\$ -
Trash Rake Construction	\$ -	\$ -	\$ 1,770,000	\$ -	\$ -
Trash Rake Design	\$ -	\$ 191,000	\$ -	\$ -	\$ -
Trunnion Friction Testing	\$ -	\$ 65,000	\$ -	\$ -	\$ -
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Turbine Maintenance Seals	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Turbine Shaft Seals	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Vehicle for Gen Superintendent	\$ -	\$ 40,000	\$ -	\$ -	\$ -
Vehicle for Resource Worker	\$ -	\$ -	\$ 42,000	\$ -	\$ -
Warehouse Repairs	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Welding/Machinery Services	\$ -	\$ -	\$ -	\$ -	\$ -
Labor	\$ 3,286,900	\$ 3,885,100	\$ 4,022,400	\$ 4,132,300	\$ 4,248,900
Employee Medical Insurance	\$ 437,700	\$ 486,900	\$ 501,500	\$ 510,000	\$ 520,000
Employer PERS	\$ 135,700	\$ 171,500	\$ 177,600	\$ 180,000	\$ 185,000
ES SUPPORT OVERHEAD	\$ 444,900	\$ 489,900	\$ 508,900	\$ 524,200	\$ 539,900
ES SUPPORT WAGES	\$ 627,900	\$ 693,900	\$ 719,900	\$ 741,500	\$ 763,700
Flu Shot Clinics	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
L&I - Employer	\$ 17,200	\$ 28,100	\$ 30,800	\$ 31,700	\$ 32,700
Long Term Disability	\$ 3,300	\$ 4,300	\$ 4,500	\$ 4,500	\$ 4,500
Misc Pension & Benefits, CDL, medical exam, etc	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
OT Benefits	\$ 7,000	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200

Draft CFP Budget 2021 - 2025

	2021	2022	2023	2024	2025
OT Taxes	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
OT Wages	\$ 52,000	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Paid Family Leave Benefit	\$ 2,200	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,400
PCORI ACA Requirement	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Short Term Disability	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
SOCIAL SECURITY MEDICARE	\$ 103,500	\$ 151,000	\$ 156,800	\$ 161,500	\$ 166,300
Standby Pay	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
Term Ins Benefit	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,700	\$ 1,700
VEBA Benefit	\$ 12,600	\$ 16,000	\$ 16,500	\$ 17,000	\$ 17,500
VEBA Cash Out	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
WAGES	\$ 1,352,900	\$ 1,686,700	\$ 1,745,000	\$ 1,797,400	\$ 1,851,300
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Project Reimbursement / Revenue	\$ (8,644,500)	\$ (12,700,950)	\$ (12,844,400)	\$ (12,807,800)	\$ (8,108,000)
BPA Project Reimbursement	\$ (8,565,500)	\$ (12,616,950)	\$ (12,755,400)	\$ (12,713,800)	\$ (8,009,000)
BPA Project Reimbursement (2019 Carry Over)	\$ -	\$ -	\$ -	\$ -	\$ -
Campground Revenue	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
Tacoma Fish Collector Reimbursement	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Wheeling - Offset Entry	\$ 723,000	\$ 744,700	\$ 767,000	\$ 723,000	\$ 790,000
Transmission Wheeling - Rev Entry	\$ (723,000)	\$ (744,700)	\$ (767,000)	\$ (723,000)	\$ (790,000)
Total	\$ -	\$ -	\$ -	\$ -	\$ -

			2021	2022	2023	2024	2025
O&M	1D Sediment Transport Study	2-08-543-000	\$ 100,000	\$ -	\$ -	\$ -	\$ -
O&M	2022 BOp Studies	2-08-537-060	\$ -	\$ 100,000	\$ -	\$ -	\$ -
O&M	230 kV Circuit Breaker Maintenance	2-08-544-000	\$ 45,000	\$ -	\$ -	\$ -	\$ -
O&M	Advertising	2-08-537-020	\$ 7,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
O&M	Alternate Take-Out Site 1	2-08-545-020	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
O&M	Alternate Take-Out Site 2	2-08-545-020	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
O&M	Auditing	2-08-923-000	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
O&M	AVR Testing	2-08-544-000	\$ 60,000	\$ -	\$ -	\$ -	\$ -
O&M	Bank Fees	2-08-921-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Bridge Inspection & Analysis	2-08-543-000	\$ -	\$ -	\$ 106,000	\$ -	\$ -
O&M	Buffer Zone Management	2-08-545-000	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
O&M	Building Maintenance	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
O&M	Campground Electrical Replacement -Design	2-08-545-020	\$ -	\$ -	\$ -	\$ -	\$ 64,000
O&M	Campground Fishing Pond Assessment & Design	2-08-545-020	\$ -	\$ 85,000	\$ -	\$ -	\$ -
O&M	Campground Hosts	2-08-537-020	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
O&M	Campground Internet	2-08-537-020	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
O&M	Campground Paving	2-08-545-020	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
O&M	Campground Reservation Software	2-08-537-020	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
O&M	Campground Telephone	2-08-537-020	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
O&M	CEATI Membership	2-08-539-000	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
O&M	CEATI Projects	2-08-539-000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
O&M	CF Project Telephones	2-08-539-000	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
O&M	CFP Cell Phones	2-08-539-000	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
O&M	Communications Fiber - User Fee	2-08-921-000	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
O&M	Computer Software	2-08-545-000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
O&M	Consumable First Aid Supplies	2-09-539-002	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
O&M	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
O&M	Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
O&M	Contract Crane Inspections	2-08-545-000	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
O&M	Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
O&M	Contract Maintenance Elevator	2-08-543-000	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
O&M	Contract Operators	2-08-543-000	\$ 70,000	\$ -	\$ -	\$ -	\$ -
O&M	Contract Septic and Water Services	2-08-537-020	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
O&M	Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
O&M	Contract Services (Dock Installation and Removal)	2-08-545-020	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
O&M	Contract Services (Sweeping)	2-08-545-020	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
O&M	Cooling Water Valves	2-08-544-000	\$ 8,000	\$ -	\$ -	\$ -	\$ -
O&M	Cooper Compliance Audit	2-08-928-000	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Copper Creek Take Out Site Parking	2-08-545-020	\$ 75,000	\$ 225,000	\$ -	\$ -	\$ -
O&M	County Taxes	2-08-921-000	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
O&M	Creel Study	2-08-537-010	\$ 18,000	\$ -	\$ -	\$ -	\$ 20,000
O&M	Dam Instrumentation	2-08-543-000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
O&M	Debris Barrier Coating & Cathodic Protection - Design	2-08-543-000	\$ 160,000	\$ -	\$ -	\$ -	\$ -
O&M	Debris Barrier Corrosion Inhibitor	2-08-543-000	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
O&M	Debris Barrier Parts	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Debris Removal	2-08-543-000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
O&M	Diving Services	2-08-543-000	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
O&M	D-Loop Electrical Design & Feed Replacements	2-08-545-020	\$ -	\$ 30,000	\$ -	\$ -	\$ -
O&M	Document Management Software	2-08-921-002	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Drainage Pump	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
O&M	Drainage Sump Study	2-08-545-000	\$ -	\$ 35,000	\$ -	\$ -	\$ -
O&M	Drainage System	2-08-545-000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
O&M	Ecology Water Tax	2-08-539-000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
O&M	Electric Utilities	2-08-537-020	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
O&M	Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400
O&M	Electrical Contractors	2-08-544-000	\$ 45,000	\$ 80,000	\$ -	\$ -	\$ -
O&M	Electrical Parts	2-08-544-000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
O&M	Equipment Rental	2-08-543-000	\$ 30,800	\$ 34,000	\$ 42,000	\$ 42,000	\$ 24,000
O&M	Excess Liability Insurance	2-08-924-000	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
O&M	Fall Protection Equipment	2-09-539-002	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
O&M	FERC Dam Movement Survey	2-08-535-002	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
O&M	FERC Fixed Fees	2-08-928-000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
O&M	FERC Part 12	2-08-543-000	\$ -	\$ -	\$ -	\$ 125,000	\$ -
O&M	FERC Part 12 Recommendations	2-08-543-000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
O&M	Fiber Extension Fee to USGS Randle Gage	2-08-543-000	\$ -	\$ 50,000	\$ -	\$ -	\$ -
O&M	Fiber to Campground Extension Fee	2-08-545-020	\$ -	\$ 50,000	\$ -	\$ -	\$ -
O&M	Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
O&M	FR Clothing	2-09-539-002	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
O&M	Garbage Service	2-08-537-020	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600
O&M		2-08-539-000	\$ 2,300	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500
O&M	Generator Parameter Validation Testing	2-08-544-000	\$ 160,000	\$ -	\$ -	\$ -	\$ -
O&M	Governor	2-08-543-000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
O&M	Governor 3D CAM	2-08-543-000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
O&M	Ground Maintenance	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
O&M	GSU Transformer Maintenance	2-08-544-000	\$ -	\$ 45,000	\$ -	\$ -	\$ -
O&M	Habitat & Fish Recovery Services (WDFW)	2-08-537-060	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000

			2021	2022	2023	2024	2025
O&M	Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
O&M	HVAC	2-08-545-000	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
O&M	HVAC Replacement Office Area	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
O&M	Inspections	2-08-545-000	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
O&M	Instrumentation Parts	2-08-544-000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
O&M	Kid's Trout Derby	2-08-537-010	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
O&M	Liability Insurance	2-08-924-000	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
O&M	Licenses & Permits	2-08-921-000	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
O&M	Line Maintenance	2-08-571-002	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Log Bronc Maintenance	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Maintenance Management System	2-08-545-000	\$ -	\$ -	\$ 200,000	\$ 30,000	\$ 30,000
O&M	Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
O&M	Manuals, Major Tools, Safety Improvements	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Materials	2-08-537-042	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Mechanical & Piping	2-08-543-000	\$ 10,600	\$ 10,600	\$ 11,000	\$ 11,000	\$ 11,000
O&M	Mechanical Contractors	2-08-544-000	\$ 45,000	\$ -	\$ -	\$ -	\$ -
O&M	Mechanical Parts	2-08-544-000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
O&M	Metal	2-08-543-000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
O&M	Mitigation Trout Program	2-08-537-010	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
O&M	NHA Membership	2-08-539-000	\$ -	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
O&M	North Rock Wall Scaling	2-08-545-000	\$ -	\$ 75,000	\$ -	\$ -	\$ -
O&M	Noxious Weed Control	2-08-545-020	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
O&M	Noxious Weed Control Contractor	2-08-537-010	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
O&M	NWHA Membership	2-08-539-000	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Open/Close Packwood Gate	2-08-545-020	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
O&M	Operation Supplies	2-08-537-020	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
O&M	Operator Remote SCADA Communications	2-08-539-000	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
O&M	Other	2-08-924-000	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
O&M	Painting & Special Coatings	2-08-543-000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
O&M	Park Equipment Repairs	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
O&M	Plant Lighting	2-08-545-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Plant Water Wells & Testing	2-08-545-000	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
O&M	Port Blakely Easement	2-08-928-000	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
O&M	Portable Restrooms	2-08-537-020	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
O&M	Potable Water and Septic System Testing	2-08-537-020	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
O&M	Privilege Tax	2-00-408-200	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
O&M	Property Insurance	2-08-924-000	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
O&M	Protective Relay Testing	2-08-544-000	\$ -	\$ -	\$ -	\$ -	\$ 55,000
O&M	Radio / Pager System Improvements	2-08-539-000	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
O&M	Re-coat Slot Covers	2-08-543-000	\$ -	\$ 60,000	\$ -	\$ -	\$ -
O&M	Recreation Assessment	2-08-545-020	\$ -	\$ 75,000	\$ -	\$ -	\$ -
O&M	Rentals	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Repairs & Supplies	2-08-537-020	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000
O&M	Replace Sluice Gate Bulkhead Seals	2-08-543-000	\$ -	\$ 2,500	\$ -	\$ -	\$ -
O&M	Roadway Gates	2-08-545-000	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
O&M	Rope Access Gear	2-09-539-002	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
O&M	ROW Maintenance	2-08-571-002	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
O&M	Safety Improvements	2-08-545-000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
O&M	SCADA Support	2-08-543-000	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
O&M	Security Assessment	2-08-539-000	\$ 85,000	\$ -	\$ -	\$ -	\$ -
O&M	Security Improvements	2-08-539-000	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
O&M	Security/Plant Locks	2-08-539-000	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
O&M	Sedimentation Report	2-08-543-000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
O&M	Sedimentation Survey	2-08-535-002	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
O&M	Seismic Study	2-08-543-000	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
O&M	Service Water VFD & Controls Replacement	2-08-545-000	\$ -	\$ 16,000	\$ -	\$ -	\$ -
O&M	Sewer & Water System Maintenance	2-08-545-020	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
O&M	Shelving & Furniture	2-08-539-000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
O&M	Sign Replacements	2-08-545-020	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
O&M	Small Tools	2-09-539-002	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
O&M	Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
O&M	Spillway Gates	2-08-543-000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
O&M	Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
O&M	Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
O&M	Surveying	2-08-535-002	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Tailrace Repairs & Improvements - Design	2-08-543-000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
O&M	Temporary Offices	2-08-545-000	\$ 200,000	\$ 60,000	\$ -	\$ -	\$ -
O&M	Third Party Services	2-08-537-042	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Tools & Equipment	2-08-545-000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
O&M		2-08-545-020	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
O&M	Transformer Oil Processing & Testing	2-08-544-000	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Transmission Line Corridor Planting	2-08-571-002	\$ 10,000	\$ 40,000	\$ -	\$ -	\$ -
O&M	Trunnion Friction Testing	2-08-543-000	\$ -	\$ 65,000	\$ -	\$ -	\$ -
O&M	Turbidity Sensor Communication	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
O&M	Turbine Maintenance Seals	2-08-544-000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
O&M	Turbine Shaft Seals	2-08-544-000	\$ -	\$ 30,000	\$ -	\$ -	\$ -
O&M	USGS Gauging Station Fees	2-08-928-000	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600

			2021	2022	2023	2024	2025
O&M	WECC Fees	2-08-928-000	\$ -	\$ -	\$ -	\$ -	\$ -
O&M	Welding/Machinery Services	2-08-543-000	\$ -	\$ -	\$ -	\$ -	\$ -
O&M Total			\$ 2,649,600	\$ 2,772,750	\$ 1,823,100	\$ 1,512,100	\$ 1,985,000
OR&R	5-Ton Bridge Crane	2-08-544-000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
OR&R	Alternative Fishing Derby Site Development	2-08-537-010	\$ 75,000	\$ -	\$ -	\$ -	\$ -
OR&R	Battery Bank Replacement	2-08-544-000	\$ -	\$ -	\$ -	\$ 80,000	\$ -
OR&R	Boat Barrier Replacement	2-08-543-000	\$ -	\$ -	\$ 120,000	\$ -	\$ -
OR&R	Campground A Loop Restroom	2-08-545-020	\$ -	\$ -	\$ 150,000	\$ -	\$ -
OR&R	Communications (Radios, etc.)	2-08-539-000	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
OR&R	Concrete Scanner	2-08-545-000	\$ -	\$ 25,000	\$ -	\$ -	\$ -
OR&R	Control Room / Office Area Repairs	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ -
OR&R	Debris Barrier Coating & Cathodic Protection - Construction	2-08-543-000	\$ -	\$ 400,000	\$ -	\$ -	\$ -
OR&R	Derby Site Enhancement	2-08-537-010	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -
OR&R	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000	\$ -	\$ 14,000	\$ -	\$ -	\$ -
OR&R	Downstream Boat Ramp	2-08-543-000	\$ -	\$ 250,000	\$ -	\$ -	\$ -
OR&R	Exciter Brush Dust Vacuum System	2-08-544-000	\$ 120,000	\$ -	\$ -	\$ -	\$ -
OR&R	Exciter Replacement	2-08-544-000	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000
OR&R	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
OR&R	Generator Cooling Water Refurbishment	2-08-544-000	\$ -	\$ -	\$ -	\$ 78,000	\$ -
OR&R	Generator Hatch Cover Seals & Drains	2-08-544-000	\$ 120,000	\$ -	\$ -	\$ -	\$ -
OR&R	Generator Protective Relay Replacement	2-08-544-000	\$ -	\$ -	\$ -	\$ 150,000	\$ -
OR&R	Lathe	2-08-545-000	\$ 18,000	\$ -	\$ -	\$ -	\$ -
OR&R	Man-Made Island Canal	2-08-537-060	\$ -	\$ 50,000	\$ -	\$ -	\$ -
OR&R	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	\$ -	\$ 25,000	\$ -	\$ -	\$ -
OR&R	Mower	2-00-392-012	\$ -	\$ 22,000	\$ -	\$ -	\$ -
OR&R	New Facility - Analysis/Design/Site Testing	2-08-545-000	\$ 45,000	\$ -	\$ -	\$ -	\$ -
OR&R	New Facility - Construction	2-08-545-000	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -
OR&R	Revenue Meters	2-08-544-000	\$ -	\$ 24,000	\$ -	\$ -	\$ -
OR&R	RT Fork Lift	2-00-392-012	\$ -	\$ -	\$ -	\$ -	\$ 70,000
OR&R	Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
OR&R	Service Air Compressor	2-08-543-000	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -
OR&R	Side By Side	2-00-392-012	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -
OR&R	Sluice Gate Construction	2-08-543-000	\$ -	\$ -	\$ 2,600,000	\$ 5,356,000	\$ -
OR&R	Sluice Gate Design	2-08-543-000	\$ -	\$ 835,000	\$ -	\$ -	\$ -
OR&R	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	\$ 330,000	\$ 511,000	\$ -	\$ -	\$ -
OR&R	Sonar & Turbidity Sensors	2-08-543-000	\$ 150,000	\$ -	\$ -	\$ -	\$ -
OR&R	South Well Pump	2-08-544-000	\$ -	\$ -	\$ -	\$ -	\$ 3,000
OR&R	Spillway 4 Rail Extention - Alternative Analysis	2-08-543-000	\$ 45,000	\$ -	\$ -	\$ -	\$ -
OR&R	Spillway 4 Rail Extention - Construction	2-08-543-000	\$ -	\$ -	\$ 1,082,000	\$ -	\$ -
OR&R	Spillway 4 Rail Extention - Design	2-08-543-000	\$ -	\$ 525,000	\$ -	\$ -	\$ -
OR&R	Spillway Gate Control	2-08-543-000	\$ -	\$ -	\$ -	\$ 200,000	\$ -
OR&R	Spillway Gate Finite Element Analysis	2-08-543-000	\$ -	\$ -	\$ 75,000	\$ -	\$ -
OR&R	Spillway Gate Hoist Covers	2-08-543-000	\$ -	\$ 120,000	\$ -	\$ -	\$ -
OR&R	Spillway Handrail & Guardrail	2-08-545-000	\$ 150,000	\$ -	\$ -	\$ -	\$ -
OR&R	Trash Rake Construction	2-08-543-000	\$ -	\$ -	\$ 1,770,000	\$ -	\$ -
OR&R	Trash Rake Design	2-08-543-000	\$ -	\$ 191,000	\$ -	\$ -	\$ -
OR&R	Vehicle for Gen Superintendent	2-00-392-012	\$ -	\$ 40,000	\$ -	\$ -	\$ -
OR&R	Vehicle for Resource Worker	2-00-392-012	\$ -	\$ -	\$ 42,000	\$ -	\$ -
OR&R	Warehouse Repairs	2-08-545-000	\$ -	\$ 60,000	\$ -	\$ -	\$ -
OR&R Total			\$ 1,595,300	\$ 4,934,300	\$ 5,880,500	\$ 6,030,500	\$ 734,500
REV	BPA Project Reimbursement	2-00-456-200	\$ (8,565,500)	\$ (12,616,950)	\$ (12,755,400)	\$ (12,713,800)	\$ (8,009,000)
REV	BPA Project Reimbursement (2019 Carry Over)	2-00-456-200	\$ -	\$ -	\$ -	\$ -	\$ -
REV	Campground Revenue	2-00-417-000	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
REV	Interest Income	2-00-419-000	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
REV	Tacoma Fish Collector Reimbursement	2-08-537-050	\$ -	\$ -	\$ -	\$ -	\$ -
REV	Transmission Wheeling - Rev Entry	2-00-456-999	\$ (723,000)	\$ (744,700)	\$ (767,000)	\$ (723,000)	\$ (790,000)
REV Total			\$ (9,367,500)	\$ (13,445,650)	\$ (13,611,400)	\$ (13,530,800)	\$ (8,898,000)
Special O&M	A&G Exhibit F	2-08-921-000	\$ 500,000	\$ 540,200	\$ 562,600	\$ 570,000	\$ 586,200
Special O&M	American Fisheries Society Meeting	2-09-921-002	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Special O&M	American Governor Analog Gov Training	2-09-921-002	\$ -	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
Special O&M	Arc Flash Training	2-00-925-102	\$ -	\$ -	\$ 3,000	\$ -	\$ -
Special O&M	AVO Circuit Breaker Maintenance	2-09-921-002	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
Special O&M	AVO Substation Maintenance I	2-09-921-002	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -
Special O&M	AVO Thermography I	2-09-921-002	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
Special O&M	AVO Thermography II	2-09-921-002	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
Special O&M	CEATI Annual Meeting	2-09-921-002	\$ 2,200	\$ 2,200	\$ -	\$ -	\$ -
Special O&M	CEATI DSIG Meeting	2-09-921-002	\$ 1,400	\$ -	\$ -	\$ -	\$ -
Special O&M	CEATI DSIG Meeting	2-09-921-002	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
Special O&M	CEATI HPLIG Meeting	2-09-921-002	\$ 1,400	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
Special O&M	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
Special O&M	CF Vehicle Maintenance	2-00-184-012	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Special O&M	Communication Services	2-08-923-000	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Special O&M	Computer Services	2-08-923-000	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
Special O&M	Computer Training	2-09-921-002	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Special O&M	Confined Space Training	2-00-925-102	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Special O&M	Dam Safety Consultant	2-08-923-000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
Special O&M	Employee Medical Insurance	2-00-926-110	\$ 437,700	\$ 486,900	\$ 501,500	\$ 510,000	\$ 520,000

Draft 2021-2025			2021	2022	2023	2024	2025
Special O&M	Employer PERS	2-00-926-200	\$ 135,700	\$ 171,500	\$ 177,600	\$ 180,000	\$ 185,000
Special O&M	Engineering Consultants	2-08-923-000	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
Special O&M	EPTC Switching & Grounding	2-09-921-002	\$ -	\$ 7,000	\$ 7,000	\$ -	\$ -
Special O&M	EPTC Elect. Fundamentals	2-09-921-002	\$ 7,000	\$ 7,000	\$ -	\$ -	\$ -
Special O&M	EPTC Power Plant Operation	2-09-921-002	\$ -	\$ -	\$ 7,000	\$ 7,000	\$ 7,000
Special O&M	EPTC Relay Protection	2-09-921-002	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Special O&M	ES SUPPORT OVERHEAD	2-00-926-999	\$ 444,900	\$ 489,900	\$ 508,900	\$ 524,200	\$ 539,900
Special O&M	ES SUPPORT WAGES	2-00-926-999	\$ 627,900	\$ 693,900	\$ 719,900	\$ 741,500	\$ 763,700
Special O&M	Fall Protection Training	2-00-925-102	\$ -	\$ 8,000	\$ -	\$ -	\$ -
Special O&M	Fire District Payment	2-08-923-000	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
Special O&M	Flu Shot Clinics	2-00-926-140	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
Special O&M	HydroVision	2-09-921-002	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Special O&M	L&I - Employer	2-00-926-400	\$ 17,200	\$ 28,100	\$ 30,800	\$ 31,700	\$ 32,700
Special O&M	Labor Consultant	2-08-923-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Special O&M	Legal Services (BIOp & FERC Issues)	2-08-923-000	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
Special O&M	Legal Services (General Issues)	2-08-923-000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Special O&M	Long Range Plan Analysis	2-08-923-000	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
Special O&M	Long Term Disability	2-00-926-300	\$ 3,300	\$ 4,300	\$ 4,500	\$ 4,500	\$ 4,500
Special O&M	Misc	2-08-921-000	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Special O&M	Misc Pension & Benefits, CDL, medical exam, etc	2-00-926-000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Special O&M	NW Hydro Forum	2-09-921-002	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
Special O&M	NWHA Annual Meeting	2-09-921-002	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
Special O&M	NWHA Workshop	2-09-921-002	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
Special O&M	NWPPA Admin Asst. Training	2-09-921-002	\$ 2,400	\$ 2,400	\$ 2,400	\$ -	\$ -
Special O&M	NWPPA Leadership Training	2-09-921-002	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
Special O&M	Office Supplies	2-08-921-000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Special O&M	Operator Training Development	2-09-921-002	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Special O&M	OT Benefits	2-00-926-999	\$ 7,000	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200
Special O&M	OT Taxes	2-00-926-999	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
Special O&M	OT Wages	2-00-926-999	\$ 52,000	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Special O&M	Paid Family Leave Benefit	2-00-926-500	\$ 2,200	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,400
Special O&M	PCORI ACA Requirement	2-00-926-120	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Special O&M	Pesticide Application Training	2-09-921-002	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Special O&M	PL Cash Out	2-00-242-200	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Special O&M	Project Analysis	2-08-923-000	\$ 130,000	\$ 140,000	\$ 140,000	\$ 150,000	\$ 150,000
Special O&M	Records Management	2-08-923-000	\$ -	\$ -	\$ -	\$ -	\$ -
Special O&M	Records Training	2-09-921-002	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Special O&M	RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	2-00-926-100	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Special O&M	Rope Access Training	2-00-925-102	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Special O&M	Short Term Disability	2-00-926-700	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
Special O&M	SOCIAL SECURITY MEDICARE	2-00-408-500	\$ 103,500	\$ 151,000	\$ 156,800	\$ 161,500	\$ 166,300
Special O&M	Standby Pay	2-00-926-999	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
Special O&M	Term Ins Benefit	2-00-926-300	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,700	\$ 1,700
Special O&M	TPC Elect. Workshop	2-09-921-002	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ -
Special O&M	TPC Frequency Drives Workshop	2-09-921-002	\$ 6,000	\$ -	\$ -	\$ -	\$ -
Special O&M	VEBA Benefit	2-00-926-800	\$ 12,600	\$ 16,000	\$ 16,500	\$ 17,000	\$ 17,500
Special O&M	VEBA Cash Out	2-00-926-600	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Special O&M	WAGES	2-00-926-999	\$ 1,352,900	\$ 1,686,700	\$ 1,745,000	\$ 1,797,400	\$ 1,851,300
Special O&M	Water / Wastewater Training	2-09-921-002	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Special O&M	WECC & NERC Consultants	2-08-923-000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
Special O&M	WPUA Admin Roundtable	2-09-921-002	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
Special O&M	WPUA Records Roundtable	2-09-921-002	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Special O&M Total			\$ 4,399,600	\$ 4,993,900	\$ 5,140,800	\$ 5,265,200	\$ 5,388,500
Wheeling	Transmission Wheeling - Offset Entry	2-00-456-999	\$ 723,000	\$ 744,700	\$ 767,000	\$ 723,000	\$ 790,000
Wheeling Total			\$ 723,000	\$ 744,700	\$ 767,000	\$ 723,000	\$ 790,000
Total			\$ -	\$ -	\$ -	\$ -	\$ -

New Positions

Department	Job Title	Year	#	Comments	Justification
					<p>As we enter a new phase of the Cowlitz Falls Project, purchasing and accounting requirements continue to increase.</p> <p>Upcoming projects require procurement services including material, invitation to bid, request for proposals/quotes, on-call services, contract drafting and review and project close-out. Accounting projects include update of general ledger account numbers, identify and account for O&M versus capital transactions, plan for end of contract transition, compile Northshore Easement costs, software implementation, budget and variance reporting. Additional work includes assisting with implementing and maintaining a new inventory system, implementing and maintaining a new asset management system, and keep vendor lists current for parts and services.</p>
CF	Accountant	2021	1	Resides in Acct.	<p>Adding two employees, dedicated to the Cowlitz Falls Project, would increase compliance, timeliness and accuracy, resulting in better decision making.+</p>
					<p>This position will continue to support the IT side of CF with day to day ticket work, patching and support of the Business Network. This position will also configure and support the SCADA Network. Including Firewalls, monitor access control, preform upgrades</p> <p>In my mind the CF IT/IS Support is a deeper level position than an IT Tech as they are going to need network knowledge to fully handle the SCADA domain that is slated to go online in October of 2020.</p>
CF	IS / IT Support	2021	1	Resides in IS	<p>As we enter a new phase of the Cowlitz Falls Project, purchasing and accounting requirements continue to increase.</p> <p>Upcoming projects require procurement services including material, invitation to bid, request for proposals/quotes, on-call services, contract drafting and review and project close-out. Accounting projects include update of general ledger account numbers, identify and account for O&M versus capital transactions, plan for end of contract transition, compile Northshore Easement costs, software implementation, budget and variance reporting. Additional work includes assisting with implementing and maintaining a new inventory system, implementing and maintaining a new asset management system, and keep vendor lists current for parts and services.</p>
CF	Purchasing Buyer	2021	1	Resides in Acct.	<p>Adding two employees, dedicated to the Cowlitz Falls Project, would increase compliance, timeliness and accuracy, resulting in better decision making.</p>
					<p>There are several fish & wildlife compliance requirements that need an additional resource to complete. Some of these are implementing habitat enhancement projects, improving wildlife meadows, and conducting field studies.</p> <p>We are increasing the areas of responsibility of the current biologist by adding the management of the recreation sites and direct supervision of the resource workers. This will require some the duties of the current biologist be transferred to the new position.</p>
CF	Biologist	2021	1	Due to LW Promotion	<p>There is an increasing number of projects scheduled at Cowlitz Falls. These projects will require project management, analysis of alternatives, design, development of specifications, procurement and oversight and inspection of construction. There is not enough resources on staff to provide management of these projects. The new project justification process requested by BPA will require additional resources to perform this work. The new internal procurement and contractual services processes will require additional resources to complete these activities.</p>
CF	Project Engineer	2021	1		<p>There is an increasing number of projects scheduled at Cowlitz Falls. These projects will require project management, analysis of alternatives, design, development of specifications, procurement and oversight and inspection of construction. There is not enough resources on staff to provide management of these projects. The new project justification process requested by BPA will require additional resources to perform this work. The new internal procurement and contractual services processes will require additional resources to complete these activities.</p>
CF	Project Engineer	2022	1		<p>There is an increasing workload for the operator-maintainers at Cowlitz Falls. There will be more equipment replacements, additional maintenance activities as the plant ages, and additional compliance requirements. There are many tasks that could be performed by a non-journeyman employee. These tasks would be performed better by a dedicated resource and increase the efficiency of Cowlitz Falls. These tasks include cleaning, painting, stocking, organizing the warehouse and storeroom, assisting with inventory, and pickup and delivery of material.</p>
CF	Utility / Warehouseman	DEFER			

Biologist

The Biologist position will help LCPUD meet the compliance requirements of Cowlitz Falls Hydroelectric Project. Several agencies, including FERC, NOAA (NMFS), WDWF, and Ecology have issued original FERC license requirements that LCPUD does not have the resources to fully implement. Additionally, new requirements such as the NMFS's Biological Opinion, Ecology's Agreed Order, more stringent Ecology water quality standards, updated Buffer Zone Management Plan activities, new environmental construction standards, new environmental contamination standards. The Biologist will work to meet the following requirements: developing and maintaining the wildlife meadows, maintaining the wood duct boxes, conducting fish spawning surveys, performing fish recovery and enumeration during reservoir drawdowns, total dissolved gas monitoring, turbidity monitoring, assisting with the oil containment program, surveying and maintaining areas with artifacts, assisting with the mitigation trout program, assisting with the noxious weed program, assisting with the Annual Kid's Fishing Derby, assisting with implementing the Buffer Zone Management Plan, assisting in developing the transmission line vegetation corridor, and conducting wildlife field research.

Cowlitz Falls Budget Change Log

Date	GL	Description	2021	2022	2023	2024	2025
7/10/2020	2-08-537-010	Removed mitigation land		\$ (75,000)	\$ (75,000)	\$ (75,000)	\$ (75,000)
7/10/2020	2-08-921-000	A&G Exhibit F	\$ 533,800				
7/10/2020	2-08-921-000	A&G Exhibit F		\$ 534,800			
7/10/2020	2-08-921-000	A&G Exhibit F			\$ 556,700		
7/10/2020	2-08-921-000	A&G Exhibit F				\$ 556,700	
7/10/2020	2-08-921-000	A&G Exhibit F					\$ 556,700
7/10/2020	2-00-456-999	Added Wheeling Entry (no net impact)	\$ -	\$ -	\$ -	\$ -	\$ -
7/13/2020	2-08-543-000	Defer Debris Barrier Construction; Increase Design	\$ (65,000)				
7/13/2020	2-08-543-000	Increase Debris Barrier Construction From 2021		\$ 400,000			
7/14/2020	2-08-544-000	Reduce Electrical Contractors From \$120k	\$ (75,000)				
7/14/2020	2-08-544-000	Reduce Mechanical Contractors From \$80k	\$ (35,000)				
7/14/2020	2-08-545-000	Increase from \$60k for site prep	\$ 140,000				
7/14/2020	2-08-545-000	Reduce New Facilities From \$200k	\$ (185,000)				
7/14/2020	2-08-545-000	Delay New Facilities Pending Analysis in 2021	\$ (60,000)	\$ 60,000			
7/14/2020	2-08-543-000	Reduce Cathodic Protection From \$225K	\$ (60,000)				
7/14/2020	2-08-543-000	Reduce Rail Extension In Place Of Analysis	\$ (125,000)				
7/14/2020	2-08-545-020	Increase from \$45k for planning and bid specs	\$ 30,000				
7/14/2020	2-08-545-020	Increase from \$80k for CCC Site Work		\$ 145,000			
7/14/2020	2-00-926-999	Wage, Benefits, & Taxes Remodeled With New PERS	\$ (300,000)				
7/14/2020	2-00-926-999	Deferred Warehouse/Project Support FTE	\$ (150,000)				
7/14/2020	2-00-926-999	Adjusted CFP/ES Support & Direct Labor No Net Impact					
7/22/2020	Multiple	Updated CFP and ES labor & benefits costs	\$ (37,272)	\$ 89,600	\$ 86,500	\$ 107,800	\$ 116,900
7/22/2020	2-08-921-000	Updated A&G Charge	\$ 10,100	\$ (1,500)	\$ (2,100)	\$ 13,300	\$ 29,500
8/19/2020	2-08-539-000	Removed NHA Membership	\$ (21,000)				
8/19/2020	2-08-543-000	Reduce Contract Operators from \$250k	\$ (180,000)				
8/19/2020	2-08-543-000	Defer Mobile Diesel Generator & Log Bronc Cover	\$ (25,000)	\$ 25,000			
8/19/2020	2-08-543-000	Defer Spillway Gate Finite Element Analysis	\$ (75,000)		\$ 75,000		
8/19/2020	2-08-544-000	Defer South Well Pump	\$ (3,000)				\$ 3,000
8/19/2020	2-08-545-000	Defer Concrete Scanner	\$ (25,000)	\$ 25,000			
8/19/2020	2-08-545-000	Defer Control Room / Office Area Repairs	\$ (40,000)				
8/19/2020	2-08-545-000	Defer Drainage Pump	\$ (20,000)				\$ 20,000
8/19/2020	2-08-571-002	Reduce Transmission Line Corridor Planting from \$40k	\$ (30,000)				
8/19/2020	2-08-545-020	Defer Recreation Assessment	\$ (75,000)	\$ 75,000			
8/19/2020	2-08-545-020	Defer D-Loop Electrical Design & Feed Replacements	\$ (30,000)	\$ 30,000			
8/19/2020	2-00-392-012	Defer RT Fork Lift; Increase Equipment Rental	\$ (70,000)				\$ 70,000
8/19/2020	2-08-543-000	Equipment Rental	\$ 8,800	\$ 3,200	\$ 11,200	\$ 11,200	
8/20/2020	Multiple	Reduce benefits to reflect hiring expectations	\$ (43,200)				
8/20/2020	2-00-926-999	Reduce wages to reflect deferrals & hiring timeline	\$ (198,100)				
8/20/2020	2-00-926-999	Reduce support wages	\$ (75,000)				
8/20/2020	2-00-926-999	Reduce support benefits	\$ (52,000)				
8/20/2020	2-08-921-000	Update A&G	\$ (43,871)	\$ 6,895	\$ 7,959		

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Wednesday, April 1, 2020 8:53 AM
To: Michelle Holmes
Cc: Abbas; (b) (6); Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Michael McCarty; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6)
Jon Cofrancesco
Subject: [EXTERNAL] Recreation Monitoring Plan, P-2833 - Retrieve use records and install new forms

Hi Michelle,

Please add to the Recreation Monitoring report's conditions section the fact the PUD removed the Use Records collection box, as well as the Use Records forms. Per Joe's email below, please also include: a) a discussion of the reasons the Use Records collection box did not work well, b) any considerations the PUD gave on how to make the Use Records collection box work well, and c) a discussion of why both the Use Records collection box and the on-line version shouldn't be made available to the public.

Thank you,
Michael

Begin forwarded message:

From: Joe First <joef@lcpud.org>
Subject: RE: **EXTERNAL EMAIL** P-2833 - Retrieve use records and install new forms
Date: April 1, 2020 at 8:33:32 AM PDT
To: ourfamily <(b) (6)>

Michael,

The onsite comment box at Copper Canyon Creek Take-Out Site did not work well. We removed the comment box. We have an online comment form on our website that we will be able to track and respond to comments.

Joe

-----Original Message-----

From: ourfamily <(b) (6)>
Sent: Wednesday, April 1, 2020 7:44 AM
To: Joe First <joef@lcpud.org>; Chris Roden <chrisr@lcpud.org>
Subject: **EXTERNAL EMAIL** P-2833 - Retrieve use records and install new forms

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 Joe,

Sometime in January 2020 the PUD removed and did not replace the Use Records collection box, as well as the Use Record forms.

Please reinstall a Use Records collection box, as well as provide Use Record forms so we may continue to help the PUD monitor the Copper Canyon Facility. I look forward to your prompt response.

Thank you,

Michael

Joe First

Generation Manager | Lewis County PUD | www.lcpud.org

o:(360) 748-9261 | d:(360) 345-1469 | e:joef@lcpud.org

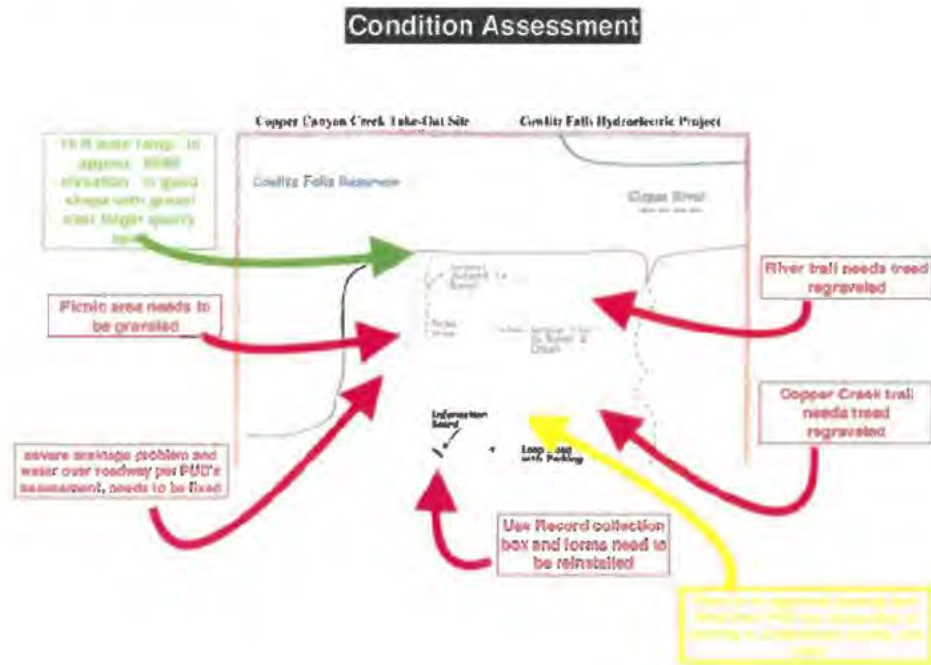
321 NW Pacific Ave | PO Box 330 | Chehalis, WA 98532-0330

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.

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily (b) (6)
Sent: Wednesday, April 1, 2020 11:36 AM
To: Michelle Holmes
Cc: Abbas; (b) (6); Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Michael McCarty; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6)
Jon Cofrancesco
Subject: [EXTERNAL] Recreation Monitoring Plan p-2833 Re: Take Out Site Monitoring

Hi Michelle,
My comment is: I'm unable to provide comments as the draft does not clearly articulate the conditions of the existing approved amenities and facilities. Attached is an annotated version of the PUD's approved plan. Michael



Michael Deckert

(b) (6)

04/02/2020

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

RE: Lewis County Public Utility District (PUD) P-2833-00 and P-2833-108
Downstream Fishing Access and Copper Canyon Facility

Dear Secretary Bose:

Lewis County Public Utility District (PUD) is developing a significant change to their Downstream Fishing Access recreation facility by adding a boat ramp. I notice the high level of expertise the PUD took with their planning and drawing for this project. The drawing demonstrates a desire for success and attention to detail with accurate contours and locations.

As this is more than a simple change to a recreation plan, FERC should require a license amendment. I look forward to the PUD amending their license, and restoring boating access to the section of the Cowlitz River below the Cowlitz Falls Dam.

I also ask that the FERC note the same high level of expertise is not demonstrated in the Copper Canyon Facility project and drawings. The FERC should require a commensurate level of expertise, attention to detail, and accuracy for the Copper Canyon Facility under P-2833-108

Thank you,
Michael Deckert

Attachment as separate file:
Cowlitz Boat Ramp Sheet 1 Sealed- DEC 2019.pdf

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: (b) (6)
Sent: Tuesday, April 21, 2020 12:02 PM
To: michelleh@lcpud.org; joef@lcpud.org
Cc: gabbas@fs.fed.us; (b) (5); (b) (6);
Carol.Sedar@ecy.wa.gov; (b) (6); chrisr@lcpud.org;
(b) (6); Carlson,Debbie (BPA) - PGAC-RICHLAND;
(b) (6);
(b) (6); lauraw@lcpud.org;
(b) (6); michael@mccarty-legal.com;
(b) (6);
Peggy.Miller@dfw.wa.gov; (b) (6);
(b) (5); susan_rosebrough@nps.gov;
(b) (6);
Subject: [EXTERNAL] PTCC Comments on 2019 Copper Canyon Creek Take-Out Site Monitoring Report dated 3/27/2020
Attachments: PTCC Response to 03272020 LCPUD Takeout Site Monitoring Report.docx

Joe,
Attached please find Paddle Trails Canoe Club comments on your 2019 Copper Canyon Creek Take-Out Site Monitoring Report dated 3/27/2020.
I look forward to discussing our comments with you at the meeting on Thursday, 4/23/2020.

Please include the full text of our written comments and your formal responses to them when you file the final Monitoring Report with FERC.

- Bob Metzger

Bob Metzger

(b) (6)

April 21, 2020

Mr. Joe First, Lewis County Public Utility District
321 NW Pacific Ave. Chehalis, WA 98532

RE: Comments on 2019 Copper Canyon Creek Take-Out Site Monitoring Report dated
3/27/2020

Dear Mr. First;

I am submitting these comments on behalf of the Paddle Trails Canoe Club.

Thank you for the opportunity to review and comment on your 2019 Copper Canyon Creek Take-Out Site Monitoring Report. Unfortunately, the report has a number of deficiencies and misrepresentations that substantially reduce the value of the recreational use monitoring that was done and lead to faulty conclusions regarding the condition of the Copper Creek take-out facility that are not supported by the available evidence. The deficiencies and misrepresentations in the report fall into five broad categories including:

1. Failure to provide the photographic images captured by the monitoring cameras to the whitewater community to validate the vehicle use data reported by the LCPUD.
2. The adequacy of the equipment used to capture vehicle use data at the site and the analysis of that data, including the need to correct for potential bias in observed use rates.
3. Condition assessment of "Good" for the existing parking areas that is not supported by my personal experience and the available photographic evidence.
4. Condition assessment of "Good" for the trail from the roadway to Copper Canyon Creek that is not supported by the available photographic evidence.
5. The portable restroom was not cleaned regularly and was in poor condition for much of the year despite numerous notifications by recreational users to LCPUD.

Failure to provide images captured by the monitoring cameras for independent analysis

In spite of the PUD's 12/16/2019 submittal to FERC which stated "*The agencies and whitewater representatives identified in Ordering Paragraph (E) of the Commission's 4/30/2019 order will be given an opportunity to review the data collected in conjunction with the District's semi-annual (and subsequently annual) meetings with the whitewater community.*" LCPUD has steadfastly refused to release the photographs captured by the monitoring cameras to members of

the whitewater community so they could independently verify that the cameras were accurately capturing vehicle use at the facility. LCPUD has not provided any rationale for their refusal to provide the monitoring photos. Individuals have been successful at acquiring small subsets of the monitoring photographs through Freedom of Information Act requests. Acquiring the full set of monitoring photographs through FOIA requests would be cost prohibitive.

Electronic Vehicle Monitoring Equipment and Data Analysis

FERC's April 30, 2019 Order Amending Whitewater Boating Take-Out Site Plan clearly states that "the first periodic monitoring report must include a description of the type, placement location, key components, and operating and recording means of the electronic vehicle counting equipment installed at the take-out site and verification that the installed equipment is capable of counting vehicles". The current monitoring report falls far short of these requirements.

The monitoring report does not describe a second monitoring camera that LCPUD promised to install facing the boat ramp during the annual whitewater boater meetings. The camera was installed and operated by the PUD for part of 2019 but was discontinued for an unknown reason. No data was reported for this camera.

The monitoring report does not discuss how often the monitoring cameras were maintained and images were downloaded nor how the images downloaded from the monitoring cameras were analyzed to come up with the number of vehicles per day using the facility.

Most importantly, the monitoring report does not provide any verification that the single camera installed on the entrance road was actually effective in capturing all of the vehicles entering the Copper Canyon Creek take-out facility. There is no evidence that the PUD performed any type of periodic tests of the camera system to evaluate the camera's correct operation and effectiveness. In his April 7, 2020 filing in response to the monitoring report Mr. Deckert identified at least four instances where the number of vehicles reported by the PUD in their 2019 Take-out Site Camera Report were clearly under reported. Mr. Deckert's documented instances of under reporting correspond to my own experience reviewing some of the early 2020 monitoring photos obtained under a Freedom of Information Act request.

There is no evidence that the PUD performed any type of test of the camera system on a periodic basis to evaluate the camera's correct operation and effectiveness. There is also no evidence that the PUD performed any type of analysis to correct for what appears to be a fairly obvious bias to undercount the number of vehicles using the facility.

Without being able to independently verify the effectiveness and accuracy of the monitoring camera data, without some documented testing by the PUD to verify the effectiveness of the monitoring cameras, and without any analysis to correct the reported data for an undercounting

bias, the vehicle use data reported by the PUD in the 2019 Monitoring Report has very little usefulness and cannot be relied upon to determine the adequacy of the planned parking improvements.

The Monitoring Report's assessment of the condition of the existing parking areas as "Good" is not supported by my personal experience nor the available photographic evidence.

The Monitoring Report's conclusion that the parking area is in "Good" condition is not accurate. In late spring of 2019 I used the Copper Canyon Creek take-out site for a boating trip with two other vehicles. In order to park off of the travelled loop roadway I had to back into a muddy, brushy space filled with nettles. The passenger side of the vehicle was totally inaccessible in the "parking site". In his April 7, 2020 filing in response to the monitoring report Mr. Deckert included a photograph of the existing parking area at the take-out site and documented similar observations of the parking area being muddy, rutted, and clearly in poor condition.

The Monitoring Report's assessment of the condition of the trail from the roadway to Copper Canyon Creek as "Good" is not supported by the available photographic evidence.

The Monitoring Report's conclusion that the trail from the roadway to Copper Canyon Creek is in "Good" condition is not accurate. In an email dated 3/7/2020 Mr. Deckert provided you with a short video of the trails documenting extensive brush overtaking the trail corridor and the muddy trail tread lacking any gravel surfacing in many areas. Clearly, the video depicts a recreational trail in "Poor" condition and in need of maintenance, not a facility in "Good" condition.

The portable restroom was not cleaned regularly and was in poor condition for much of the year despite numerous notifications by recreational users to LCPUD.

The Monitoring Report's brief discussion of the portable restroom not being cleaned regularly disguises the fact that the restroom facility was in poor condition throughout almost all of 2019. LCPUD received numerous notifications of the unclean, unhygienic, and unusable condition of the restroom from recreational users but the situation was not resolved until December, 2019. This information needs to be included in the Monitoring Report to provide a true picture of the condition of the restroom throughout 2019.

LCPUD acknowledges that there were problems in getting their contractor to perform the necessary maintenance services in 2019 and the contractor's response to noncompliance issues was poor. But LCPUD has evidently awarded another contract to the same contractor for 2020. Hopefully this time the restroom will be maintained in a clean and sanitary condition and LCPUD will respond to needed maintenance issues in a much more timely fashion.

Recommendations

1. The Monitoring Report needs to provide a more robust discussion of the electronic vehicle monitoring equipment used in 2019, including information on the second monitoring camera aimed at the boat ramp. The report needs to provide the schedule by which each of the monitoring cameras were maintained and downloaded, including any periods that either of the cameras were out of service.
2. The Monitoring Report needs to provide information on the process used to verify that the monitoring cameras effectively captured all of the vehicles entering and leaving the take-out site. Since there appears to have been an obvious bias of undercounting vehicles, the Monitoring Report needs to provide the process that was used to develop a correction factor and a discussion of how the correction factor was used to estimate the true number of vehicles that actually used the facility.
3. The full sets of photographic images from the monitoring cameras need to be made available to whitewater representatives so that they can independently verify the accuracy of the vehicle use data.
4. The discussion on the condition of facility components needs to be expanded to more accurately portray conditions throughout the year and to include input and evidence received from individuals and groups other than LCPUD.
5. The schedule for implementing recreational use monitoring of the Copper Canyon Creek Take-out facility specified in FERC's April 30, 2019 Order needs to be extended to include at least two years of monitoring after LCPUD's planned improvements of the parking and other components have been completed. LCPUD currently plans to implement the planned improvements in 2021. Under the current 4/30/2019 Order, the requirement of year-round recreation monitoring and an annual recreation monitoring report would expire about the same time the facility improvements are completed. It makes no sense to monitor use of a project that is still in the early stages of development and then terminate the intensive recreation use monitoring and reporting once facility improvements have been completed.

Sincerely,

Bob Metzger

Copper Canyon Creek Recreational Monitoring Report



4/23/2020 1:00 PM | Conference Call

Meeting called by: Joe First

Type of meeting: Conference Call

Attendees:

NOTES

Agenda item: Introductions **Presenter:** All

Discussion:

Agenda item: Monitoring Report **Presenter:** Joe First

Discussion: Monitoring Data, Parking Data, Condition Assessment, River Exit and Take-Out Walkway, Trail from Roadway to Copper Canyon Creek, Picnic Area, Portable Restrooms.

Agenda item: 2019 Meetings **Presenter:** Joe First

Discussion:

Agenda item: Road Closures **Presenter:** Joe First

Discussion:

Agenda item: Electronic Monitoring **Presenter:** Joe First

Discussion:

Agenda item: Comments on Monitoring Report **Presenter:** All

Discussion:

ACTION ITEMS

Action items	Person responsible	Deadline	Completed
--------------	--------------------	----------	-----------

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Thursday, April 23, 2020 12:42 PM
To: Michelle Holmes
Cc: Tim Courmyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Michelle Holmes; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoer; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Karl Guntheroth
Subject: [EXTERNAL] Today's meeting
Attachments: Pages from 03-05-2019-Commission-Meeting-Corrected.pdf

Hi Michelle,

I asked that the status of the projects be included in the PUD's presentation and did not get a reply from the District. I note on March 5, 2019 the PUD removed all funding for the Copper Canyon Facility. The PUD did all 2019 work with zero budget. Please be prepared to provide an update on the programmatic status of the budget.

Michael

Revised FY 2019 Budget
Revised 2/26/2019

FY 2019 Revised Budget

Revisions				
	Description	Revenue	Expense	Notes
	Prior Year Carry Over	\$ 197,000	\$ -	2018 underspend being carried over
2.08.545.000	Misc. Hydraulic Plant	\$ -	\$ 110,000	Long range plan implementation analysis
2.08.928.000	Lic. Compliance	\$ -	\$ (50,000)	Removed 2019 NERC annual audit
2.08.537.020	Recreation	\$ -	\$ (5,000)	Removed RV park reservation software. New contractor.
2.08.545.020	Recreation	\$ -	\$ (50,000)	Removed copper canyon takeout parking. Further study needed
2.08.921.002		\$ -	\$ (15,000)	Reduced records software costs
2.08.539.000	Misc. Expenses	\$ -	\$ (5,000)	Postponed security upgrade; pending further study
2.00.236.200	Privilege Taxes	\$ -	\$ (16,450)	Updated privilege taxes with a more accurate figure
2.00.926.110	Sick, Pension, Medical, L&I	\$ -	\$ (30,454)	Updated medical and pension cost estimates
Special O&M Labor	Over Head Rate Correction		\$ 27,800	Updated over head rates to match actual billing rates (.59 to 68.8)
	<i>CF Asst. Superintendent</i>	\$ -	\$ -	Updated costs based on expected hire date
	<i>Records Coordinator</i>	\$ -	\$ -	Updated costs based on expected hire date
	<i>Resource Worker</i>	\$ -	\$ -	Updated costs based on expected hire date
	<i>Summer Helper x2</i>	\$ -	\$ -	Removed based on the use of a new RV park contractor
Special O&M Labor			\$ (89,700)	Total of the OH rate correction and the labor cost reductions
Total		\$ 197,000	\$ (123,804)	Net budget impact is no increase from FY2018

	Current Payment Schedule		
	FY 2018	FY 2019	Diff
October	\$ 368,510	\$ 395,244	\$ 26,734
November	\$ 368,510	\$ 395,244	\$ 26,734
December	\$ 368,510	\$ 395,244	\$ 26,734
January	\$ 368,510	\$ 395,244	\$ 26,734
February	\$ 368,510	\$ 395,244	\$ 26,734
March	\$ 368,510	\$ 395,244	\$ 26,734
April	\$ 368,510	\$ 395,244	\$ 26,734
May	\$ 368,510	\$ 395,244	\$ 26,734
June	\$ 368,510	\$ 395,244	\$ 26,734
July	\$ 368,510	\$ 395,244	\$ 26,734
August	\$ 368,510	\$ 395,244	\$ 26,734
September	\$ 368,510	\$ 395,244	\$ 26,734
Total	\$4,422,120	\$ 4,742,924	\$ 320,804

Prior Year Balance	\$	197,000
Reserve Balance	\$	350,000

	Revised Payment Schedule		
	FY 2018	FY 2019 Proposed	Diff
October	\$ 368,510	\$ 368,510	\$ -
November	\$ 368,510	\$ 368,510	\$ -
December	\$ 368,510	\$ 368,510	\$ -
January	\$ 368,510	\$ 368,510	\$ -
February	\$ 368,510	\$ 368,510	\$ -
March	\$ 368,510	\$ 368,510	\$ -
April	\$ 368,510	\$ 368,510	\$ -
May	\$ 368,510	\$ 368,510	\$ -
June	\$ 368,510	\$ 368,510	\$ -
July	\$ 368,510	\$ 368,510	\$ -
August	\$ 368,510	\$ 368,510	\$ -
September	\$ 368,510	\$ 368,510	\$ -
Total	\$4,422,120	\$ 4,422,120	\$ -

Prior Year Balance	\$	-
Reserve Balance	\$	350,000

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily (b) (6)
Sent: Friday, April 24, 2020 6:56 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Michelle Holmes; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Warjone; Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: [EXTERNAL] Recreation Monitoring 10/14/2019

Hi Joe,
Following up on yesterday's conversation. On 10/14/2019 there are 9 vehicles in the pictures. The PUD reports one (1)





Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily - (b) (6)
Sent: Friday, April 24, 2020 7:37 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C. Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: [EXTERNAL] Recreation Monitoring - road debris

Hi Joe,

Following up on yesterday's conversation. I also note that the monitoring photos provide excellent documentation of the build up of debris on the roadway, and subsequent decay into mush covering the roadway. The similar process occurs in the parking areas, but is worse because traffic pushes the debris into the parking areas.

Michael

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Friday, April 24, 2020 6:49 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: [EXTERNAL] Recreation Monitoring - 7/22/2019

Hi Joe,
Follow up on yesterday's conversation regarding the district's analysis of the data. On 7/22/2019 there are 39 vehicles in the pictures. The district reported zero













Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily - (b) (6)
Sent: Friday, April 24, 2020 9:16 PM
To: Laura Wolfe; Joe First
Cc: Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; John Stormon; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: [EXTERNAL] Re: **EXTERNAL EMAIL** Recreation Monitoring - 7/22/2019

I believe an accurate statement would be: The PUD counts vehicles entering the facility, and will count vehicles exiting the facility if the camera did not capture the vehicle entering.

The January 1, 2019 photos sent in a separate email also display the same equipment problem.

The entry and exit data sets should be kept separate to help identify and track problems with the equipment.

On Apr 24, 2020, at 12:22 PM, Laura Wolfe <lauraw@lcpud.org> wrote:

I don't think that's an accurate statement; there may be 39 pictures of vehicles, but there are far fewer actual vehicles. If the District only counts vehicles entering the site, then there appear to be approximately 7 vehicles.

From: ourfamily [mailto:(b) (6)]
Sent: Friday, April 24, 2020 6:49 AM
To: Joe First <joef@lcpud.org>; Tim Cournyer <timc@lcpud.org>; Ben Kostick <benk@lcpud.org>; Ed Rothlin <edr@lcpud.org>; Allen-LCPUD <(b) (6)>; Bob Metzger <(b) (6)>; Canoe <(b) (6)>; Michelle Holmes <michelleh@lcpud.org>; Celia Parker <(b) (6)>; Chris Roden <chrisr@lcpud.org>; Chris Wittenfield <(b) (6)>; Debbie Carlson <dcarlson@bpa.gov>; John Stormon <(b) (6)>; Laura Wolfe <lauraw@lcpud.org>; M <(b) (6)>; Mccarty-LCPUD <michael@mccarty-legal.com>; Paul Butler <(b) (6)>; Peggy.Miller@dfw.wa.gov; Rebecca Post <(b) (6)>; Renee C Paradis <(b) (6)>; Susan Rosebrough (nps) <susan_rosebrough@nps.gov>; Tom Okeefe (amwhitewater) <(b) (6)>; Paul Thompson <(b) (6)>; Dave <(b) (6)>
Subject: **EXTERNAL EMAIL** Recreation Monitoring - 7/22/2019

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 Joe,

Follow up on yesterday's conversation regarding the district's analysis of the data. On 7/22/2019 there are 39 vehicles in the pictures. The district reported zero

<image001.jpg><image002.jpg><image003.jpg><image004.jpg><image005.jpg><image006.jp
g><image007.jpg><image008.jpg><image009.jpg><image010.jpg><image011.jpg><image012.
jpg><image013.jpg><image014.jpg><image015.jpg><image016.jpg><image017.jpg><image01
8.jpg><image019.jpg><image020.jpg><image021.jpg><image022.jpg><image023.jpg><image
024.jpg><image025.jpg><image026.jpg><image027.jpg><image028.jpg><image029.jpg><ima
ge030.jpg><image031.jpg><image032.jpg><image033.jpg><image034.jpg><image035.jpg><i
mage036.jpg><image037.jpg><image038.jpg><image039.jpg>

Laura Wolfe

Biologist | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2449 | e:lauraw@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.

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: Renee P <(b) (6)>
Sent: Friday, April 24, 2020 10:02 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave; Michael Deckert
Subject: [EXTERNAL] Monitoring Plan Review comments

Hi Joe,

Thank you for including me in the 4/23/2020 teleconference Monitoring Plan meeting. I wish to reiterate my formal comments:

Maintenance of existing improvements does not require FERC's approval. Maintenance of existing improvements is expected and is separate from construction of new improvements and facilities. Lack of maintenance of the [existing facilities] portable toilet is inexcusable. Failure to maintain the parking and existing trails' surfaces with gravel creates a negative experience for the public.

During the meeting the District stated repeatedly that it is relying heavily upon electronic photo documentation for the basis of usage counts at the Copper Canyon Creek facility, yet can not reconcile the usage counts with trip counts provided by recreational boaters. Mr. Deckert noted he had found additional dates when kayak trips used the Copper Canyon Creek Facility and the PUD reported zero use. The methodology the PUD uses to count vehicles entering the facility is unclear. When do the recreational boaters get the photos from the monitoring cameras to review?

I look forward to getting the meeting minutes from yesterday's meeting, improvement to the user experience at Copper Canyon, and attending the next meeting, currently scheduled in June.

Respectfully,

Renee C Paradis

Boater

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Monday, April 27, 2020 8:25 AM
Subject: [EXTERNAL] DOCKET CHANGE- Supplemental/Additional Information submitted in FERC P-2833-115 by Individual No Affiliation,et al.

On 4/3/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Individual No Affiliation
INDIVIDUAL (as Agent)

Docket(s): P-2833-115
Lead Applicant: Public Utility District No. 1 of Lewis County (WA)
Filing Type: Supplemental/Additional Information
Description: Supplemental Information of Michael G. Deckert under P-2833. Request license be amended and commensurate level of expertise be demonstrated

To view the document for this Filing, click here
http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200403-5013

To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.
Online help is available here:
<http://www.ferc.gov/efiling-help.asp>
or for phone support, call 866-208-3676.

4/27 @ 7:41 Am

Michael Deckert

(b) (6)

04/27/2020
Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

RE: P2833-108 Lewis County Public Utility District's draft Recreation Monitoring Report dated March 27, 2020

Dear Secretary Bose,

This filing is submitted in response to Lewis County Public Utility District's (PUD) draft Recreation Monitoring Report dated March 27, 2020. The PUD hosted a conference call on April 23, 2020 with numerous parties. Please accept these comments that are in addition to my April 8, 2020 letter.

(A) The recreation use data, while incomplete, documents over 1000 vehicles using the facility. I recommend installing a picnic shelter and reducing the size of the parking lot to 20 spots (10 vehicle and 10 vehicles w/ trailers) over the PUD's discussion of maximizing the on-site parking. The data does not appear to support the larger lot size. A picnic shelter is needed and is far more valuable to users than an over-sized parking lot. I recommend replacing the portable toilet (a temporary solution) with a permanent toilet to be added at the same time as the other permanent improvements. The toilet should have a large enough vault to allow less frequent pumping service.

(B) Implementation of the needed take-out improvements is years behind the proposed schedule.

Task	Implementation Date
Monitor 300 road gates weekly when Cispus River flows are between 800-4000 cfs, to insure timely posting of road closure information	July 1, 2018
Schedule 2018 and 2019 meetings with whitewater community	August 31, 2018
Develop Copper Canyon Creek Take-Out site parking	November 1, 2018
Begin Copper Canyon Creek Take-Out site electronic vehicle monitoring	November 1, 2018
Post rules and restrictions at Copper Canyon Take-Out site	November 1, 2018
Add a second picnic table at Copper Canyon Creek Take-Out site	November 1, 2018
Create detailed alternate take-out site plans and specifications and send out for stakeholder/agency review	April 1, 2019
Develop a plan to remove in-water debris at Copper Canyon Creek Take-Out site in consultation with resource agencies	Earlier of "as necessary" or April 30, 2019
Construct alternate take-out site	September 30, 2021

PUD's June 14, 2018 application

(C) The Recreation Monitoring Report should include a break out of quarterly activities. For this first report it should document what was done starting with the first quarter in FY 2019:

Subject: P-2833-108 Recreation License Amendment Activity report for the past quarter:

- 1.0 WORK ACTIVITIES
- 2.0 ACTIVITIES IN THE NEXT QUARTER PERIOD
- 3.0 ACTION ITEMS
- 4.0 SCHEDULE
- 5.0 BUDGET

These quarterly updates should: (1) continue until goal five¹ in the approved application is complete; (2) be part of (i) consultation with consulting parties, and (ii) regular communication with boaters; (3) include the related Long-Range Planning, Recreation Master Plan, Debris Management Plan, and Buffer Zone Management Plan Update activities to allow consulting parties to monitor how effectively the License Amendment is being integrated into the PUD's foundational documents; (4) improve oversight of the schedule and of the progress being made towards completion of the approved goals; and (5) be publicly available on the internet quarterly.

These quarterly updates are consistent with industry practices and project oversight. They are consistent with current practices at the Cowlitz Falls Project. In addition, quarterly updates support the application's goal seven "*Develop regular communication with the whitewater community.*"

Thank you for considering these comments,
Michael Deckert

¹ Goal 5 - Develop Copper Canyon Creek Take-Out site parking

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: Carlson,Debbie (BPA) - PGAC-RICHLAND
Sent: Monday, April 27, 2020 7:41 AM
To: Manary,David (BPA) - LG-7; Sonoda,Cherie D (BPA) - PGAC-RICHLAND
Subject: FW: [EXTERNAL] Comments on Recreation Monitoring Plan
Attachments: 2020_04_27 additional comments.pdf *—Michael's ltr to FERC*

Hi --

Hope you are doing well and continuing to play it safe!

Last week's call with the rafter/kayaker group was interesting. Nearly every comment made by Joe on why something wasn't done or was delayed was counterpointed by a couple of folks from the rafter/kayaker's - quoting previous letters submitted to FERC by LCPUD. It was not contentious but very apparent the group knows their stuff! Questions about why funding for the Cooper Creek Site appeared in various budgets over the years was always removed - Joe's response was that the was awaiting FERC approval. This response brought up more questions and comments by the group.

One comment made by Michael Deckert had to do with the LRP - he said he noted there was nothing in the plan about Cooper Creek or any of the alternate take out site(s). I mentioned to Cherie I thought this odd in that was it possible Michael had seen the LRP and when we had not yet received it. There is the possibility he was referring to the draft - but I don't know why the PUD would release a draft to the public.

The PUD's monitoring report is due to FERC on May 1, all comments are due to the PUD by April 29. Next meeting is in June.

debbie

-----Original Message-----

From: ourfamily <(b) (6)>
Sent: Monday, April 27, 2020 7:06 AM
To: Tim Cournyer <timc@lcpud.org>; Ben Kostick <benk@lcpud.org>; Ed Rothlin <edr@lcpud.org>; Abbas <gabbas@fs.fed.us>; Allen-LCPUD <(b) (6)>; Anna Bires <(b) (6)>; Bob Metzger <(b) (6)>; Canoe <(b) (6)>; Michelle Holmes <michelleh@lcpud.org>; Celia Parker <(b) (6)>; Chris Roden <chriss@lcpud.org>; Chris Wittenfield <(b) (6)>; Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>; Greg Provenzano <(b) (6)>; Jerry Bailey <(b) (6)>; Joe

First <joef@lcpud.org>; John Stormon <(b) (6)>; Laura Wolfe
<lauraw@lcpud.org>; M <(b) (6)>; Michael Aquilino
<(b) (6)>; Mccarty-LCPUD <michael@mccarty-legal.com>; Mike Grijalva
<(b) (6)>; Paul Butler <(b) (6)>; Peggy.Miller@dfw.wa.gov;
President <(b) (6)>; Rebecca Post <(b) (6)>
Renee C Paradis <(b) (6)>; Rick Schoen <(b) (6)>; Sam DiBella
<(b) (6)>; Susan Rosebrough (nps) <susan_rosebrough@nps.gov>; Tina Myren
<(b) (6)>; Tom Okeefe (amwhitewater) <(b) (6)>; Paul
Thompson <(b) (6)>; Dave <(b) (6)>; Karl Guntheroth
<(b) (6)>

Subject: [EXTERNAL] Comments on Recreation Monitoring Plan

Attached, Please find the letter I filed with FERC today.
Michael

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: JOHN STORMON <(b) (6)>
Sent: Monday, April 27, 2020 8:46 AM
To: (b) (6); Abbas, Gar -FS; Allen Unzelman; Anna Bires; Michael Aquilino; Paul Butler; Carlson,Debbie (BPA) - PGAC-RICHLAND; Celia Parker; Chris Roden; Chris Wittenfield; Mike & Becky Deckert; Sam DiBella; Duane Evans; Jerry Bailey; Joe First; Jon.Cofrancesco@ferc.gov; Metzger, Bob; Michael McCarty; Michelle Holmes; Mike Grijalva; Renee C Paradis; Peggy.Miller@dfw.wa.gov; Rebecca Post; President; Greg Provenzano; Susan Rosebrough; Rick Schoen; Serdar, Carol; Stacy Davis; Stormon, John; Tina Myren; Tom Okeefe (b) (6); Dave VanCleve; van M Cleve; Gayne Williams; Wolfe, Laura
Subject: [EXTERNAL] Comments on 2019 Copper Canyon Take-Out Site Monitoring Report
Attachments: Stormon Comments Mon Rpt 04_27_2020.pdf

Attached are my comments on the 2019 Copper Canyon Take-Out Site Monitoring Report dated March 27, 2020, distributed by email on March 30, 2020

John Stormon
Whitewater Boater

(b) (6)

April 27, 2020

Joe First, Superintendent
Lewis County Public Utility District #1
Cowlitz Falls Project
1379 Falls Rd
Randle, WA 98377
joef@lcpud.org

Re: Comments on 2019 Copper Canyon Take-Out Site Monitoring Report, March 27, 2020,
distributed by email on March 30, 2020.

Dear Mr. First:

Below are my comments on your LCPUD 03/27/2020 draft report. Please attach a full copy of my comments to your final report when submitted to FERC.

General Comments:

The 03/27/2020 draft report is critically flawed and appears to be biased due to the following deficiencies, flaws and/or misrepresentations:

- 1) Failure to validate the method for counting vehicle use of the Copper Canyon Take out site and the apparent undercount of vehicles on the very few days when independent counts of a portion of users is available, such as Washington Kayak Club trip sign-ups.
- 2) Condition assessments as "GOOD" for facilities that are not supported by my personal observations during 2019, in addition to user complaints and photographic evidence submitted to FERC by other dissatisfied users.
- 3) The assessments and conclusions in this draft report conflict with a number of written submittals previously filed with FERC by LCPUD.
- 4) The portable restroom was not regularly cleaned during 2019 and I personally observed the unsanitary conditions during my visits to the Copper Canyon Take-Out Site during 2019. The draft plan's explanation conflicts with prior submittals to FERC by LCPUD.
- 5) Absence of supporting documentation for the 03/27/2020 draft report's conclusions. Supporting documentation such as field inspection reports and photographic records should be attached in an appendix to the report or for prohibitively large documents, made available through the internet, listing the appropriate internet address in the report appendix.

Specific comments:

1 Monitoring Data: The draft report appendix includes a table that lists simply a number of vehicles per day, without any underlying information used to compile these numbers. There is no information in the draft report on data accuracy validation methods used, if any. No information is provided from manual vehicle counts such as time or duration of manual counts, nor copies manual count reports completed by LCPUD staff during manual counts. There are a very limited independent sources for a portion of the users on a few days in 2019, such as Washington Kayak Club sign-up sheets. These sources suggest an extreme undercount of users on those few days. **Please provide a method for validating the reported user count and include supporting documentation such as copies of site**

monitoring/inspection reports and photographic records used to compile counts or show conditions.

2 Condition Assessment:

- a. **Roadway and parking areas:** The conditions reported in this section conflict with photographic evidence and documents submitted to FERC. **Please address this conflicting information and provide LCPUD's justification for alternative conclusions. Please attach supporting documentation.**
- b. **River exit boat ramp:** During my visits to the Copper Canyon Take-Out Site during 2019, the boat ramp river exit has remained in good condition. **Please attach supporting documentation.**
- c. **Trail:** The conditions reported in this section conflict with photographic evidence and documents submitted to FERC. Routine maintenance is an ongoing requirement which does not require FERC approval of new construction. **Please address the conflicting information and provide LCPUD's justification for alternative conclusions. Please attach supporting documentation.**
- d. **Picnic area:** In 2019 the picnic area has frequently been muddy during the wet winter season (i.e. boating season). Routine maintenance is an ongoing requirement which does not require FERC approval of new construction. **Please attach supporting documentation.**
- e. **Portable restroom:** This section conflicts with previous reports LCPUD has filed with FERC. **Please address this conflicting information and provide LCPUD's justification for any alternative narrative. Please attach supporting documentation.**
- f. **On-going site cleanup.** My 2019 visits have not observed more than occasional litter, suggesting that this section is accurate. **Please attach supporting documentation.**
- g. **New signs have been added.** The user comment box formerly available on site has been removed. **Please replace the user comment box on site. Please attach supporting documentation.**

3Meetings:

Please add information from the October 7, 2019 on-site meeting to observe the conditions of the alternative take-out sites during reservoir draw down.

4Road Closures:

Please attach supporting documentation.

5Use Monitoring:

Limited independent source of user information suggest that this system significantly undercounts vehicle usage. **Please provide a method for validating the reported user count and include supporting documentation such as copies of site monitoring/inspection reports and photographic records used to compile counts or show conditions.**

FERC Order Requirements Not Addressed:

FERC's order, page 24(E)(3), requires the monitoring report to include: "(3) the percentage of the Cooper Canyon Take-out Site's total vehicle parking capacity represented by the vehicle count totals required under item 2 above;" **Please add this required element along with supporting documentation.**

Additional Comments:

Ongoing maintenance requirements: LCPUD in the draft report and during our plan review conference call on April 23, 2020, suggested that they must wait for FERC approval of updated site proposals before completing routine site maintenance activities. Nothing in FERC's orders or written correspondence suggest that this is accurate. **Routine maintenance is an ongoing requirement of LCPUD's FERC license #2833, subsequent Orders and correspondence.**

Public Information:

In my comments I request that LCPUD provide supporting documentation for each section. In addition, I suggest that prohibitively large documents be made available through the internet. In addition to providing the needed support for this report, **LCPUD could significantly reduce their workload complying with the Washington Public Disclosure Act by routinely making all publically disclosable documents available through the internet.** Making documents available through the internet would likely reduce the number of Public Disclosure Request submitted to LCPUD, or if a request is submitted, allow the LCPUD disclosure officer to simply provide directions to the appropriate web page in response. This strategy has worked for some Washington State Agencies in reducing public disclosure workload as well as significantly improving the public perception of agency transparency.

Thank you for considering my comments.

Sincerely,

(b) (6)

John Stormon

Whitewater Boater

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily - (b) (6)
Sent: Monday, April 27, 2020 3:33 PM
To: Joe First; Michelle Holmes
Cc: Tim Cournyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Jon Cofrancesco
Subject: [EXTERNAL] Re: Take-Out Site Maintenance and Final Design Plans

FERC has not removed the Copper Creek Trail from the approved amenities:

[6/22/2006](#)

The take-out site is to include a parking area, a loop road for turn-around, portable restroom, garbage receptacle area, open area for loading vehicles, and trails and a path to the river.

[4/30/2019](#)

(A) Public Utility District No. 1 of Lewis County's application to amend the approved whitewater boating take-out site plan for the Cowlitz Falls Hydroelectric Project No. 2833 filed on March 1, 2018, as supplemented on March 2, June 14, and September 6, 2018, as modified in paragraphs (B) through (G),

None of these approved applications proposed to remove a trail from the take-out site. The June 14th, 2018 supplement included both trails in its drawing of the proposal.

The narration does use singular trail discussing the River Trail, and does not mention the Copper Canyon Creek trail.:

The Approved Take-out Site includes a parking area, a loop road for turn-around, a parking area for oversized vehicles, portable restroom, information board, garbage receptacle, picnic table, open area for loading vehicles, gravel take-out path, and gravel trail between river and loop road.

On Apr 27, 2020, at 2:55 PM, ourfamily - (b) (6) wrote:

Every reference in the PUD's FERC filings have mentioned trails (plural) until 12/16/2019: It was even on the PUD's official website.

[5/31/2005 application:](#)

- 10. Gravel existing trails as necessary
- 8. Site Work, trails, Sani-can. garbage receptacles, etc. \$3,000

The drawing of the proposal shows a loop trail and two trail, or an apparent loop trail

[3/30/2007 as built report:](#)

Page 3) The take-out site has been developed with a loop road for turn-around and easy loading, portable restroom, garbage receptacle, picnic table, parking area, trails and an open area for loading vehicles.

page 16) 4. Mow grass and trim edges of trails As Needed

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily - (b) (6)
Sent: Monday, April 27, 2020 2:55 PM
To: Joe First; Michelle Holmes
Cc: Tim Cournyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Jon Cofrancesco
Subject: [EXTERNAL] Re: Take-Out Site Maintenance and Final Design Plans

Every reference in the PUD's FERC filings have mentioned trails (plural) until 12/16/2019: It was even on the PUD's official website.

5/31/2005 application:

- 10. Gravel existing trails as necessary
- 8. Site Work, trails, Sani-can. garbage receptacles, etc. \$3,000

The drawing of the proposal shows a loop trail and two trail, or an apparent loop trail

3/30/2007 as built report:

Page 3) The take-out site has been developed with a loop road for turn-around and easy loading, portable restroom, garbage receptacle, picnic table, parking area, trails and an open area for loading vehicles.

page 16) 4. Mow grass and trim edges of trails As Needed

page 45 documents the LCPUD's official website)

The take-out site has been developed with a loop road for turn-around and easy loading, portable restroom, garbage receptacle, picnic table, parking area, trails and an open area for loading vehicles. No overnight camping or fires are allowed.

The as-built drawing shows two trails

6/14/2018 License Amendment Application

Application drawing includes both trails

12/16/2019

first filing with only one trail

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Monday, April 27, 2020 11:56 AM
To: Joe First; Michelle Holmes
Cc: Tim Courmyer; Ben Kostick; Ed Rothlin; Abbas, Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Jon Cofrancesco
Subject: [EXTERNAL] Fwd: Take-Out Site Maintenance and Final Design Plans
Attachments: Drawings Response.docx

Hi Joe,
I'm following up with a more in-depth discussion and am throwing it out to the group for their thoughts. I'm really curious about WDFW's thoughts about building as closely to the water's edge as the WWBTOF-2 drawing really entails. Peggy do you want to chime in?
Michael

Begin forwarded message:

From: ourfamily <(b) (6)>
Subject: Fwd: Take-Out Site Maintenance and Final Design Plans
Date: April 27, 2020 at 8:29:12 AM PDT
To: Joe First <joef@lcpud.org>, Michelle Holmes <michelleh@lcpud.org>
Cc: Tim Courmyer <timc@lcpud.org>, Ben Kostick <benk@lcpud.org>, Ed Rothlin <edr@lcpud.org>, Abbas <gabbas@fs.fed.us>, Allen-LCPUD <(b) (6)>, Anna Bires <(b) (6)>, Bob Metzger <(b) (6)>, Canoe <(b) (6)>, Michelle Holmes <michelleh@lcpud.org>, Celia Parker <(b) (6)>, Chris Roden <chrisr@lcpud.org>, Chris Wittenfield <(b) (6)>, Debbie Carlson <dcarlson@bpa.gov>, Greg Provenzano <(b) (6)>, Jerry Bailey <(b) (6)>, Joe First <joef@lcpud.org>, John Stormon <(b) (6)>, Laura Wolfe <lauraw@lcpud.org>, M <(b) (6)>, Michael Aquilino <(b) (6)>, Mccarty-LCPUD <michael@mccarty-legal.com>, Mike Grijalva <(b) (6)>, Paul Butler <(b) (6)>, "Peggy.Miller@dfw.wa.gov" <Peggy.Miller@dfw.wa.gov>, President <(b) (6)>, Rebecca Post <(b) (6)>, Renee C Paradis <(b) (6)>, Rick Schoen <(b) (6)>, Sam DiBella <(b) (6)>, "Susan Rosebrough (nps)" <susan_rosebrough@nps.gov>, Tina Myren <(b) (6)>, "Tom Okeefe (amwhitewater)" <(b) (6)>, Paul Thompson <(b) (6)>, Dave <(b) (6)>

Hi Joe,

Your letter today regarding the final design plan contradicts this December 6, 2019 email to the drafter.

and the attached drawing dated 8/30/2019

Begin forwarded message:

From: Michelle Holmes <michelleh@lcpud.org>
Subject: Take-Out Site Maintenance and Final Design Plans
Date: April 27, 2020 at 8:05:16 AM PDT
To: Ourfamily <(b) (6)>, John Stormon <(b) (6)>

Please find attached the letter filed with FERC this morning. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748 9251 | d:(360) 345 1468 | e:michelleh@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.

The PUD did not provide for review, a lay-out for the parking lot design at the September 19, 2019 meeting. The unsigned WWBTOF-2 dated August, 30, 2019 that was provided for review does not contain a lay-out for the parking lot.

The first appearance on WWBTOF-2 of a lay-out for the parking lot occurs after December 6, 2019. On December 6, 2019, the PUD sent an email to Christopher Mathews at NAES (presumably a contractor) directing him to design a layout for parking 21 cars and 10 vehicles with trailers. The document the PUD provided NAES was the unsigned WWBTOF-2 dated August 30, 2019 with red handwritten notes. The notes state: "Need to arrange parking area to accommodate -21 vehicles, -10 vehicle/trailer combo"

The WWBTOF-2 (signed and dated 8/15/2020 and 12/16/2020) submitted to FERC contains gross and misleading errors in the locations of critical areas such as the reservoir's edge, and Copper Canyon Creek. The PUD had been notified that those errors existed on the unsigned WWBTOF-2 dated August, 30, 2019 but did not address those comments. These errors are apparent when comparing the Copper Canyon as-built drawings against the WWBTOF-2 drawings, and when looking at Google Earth views.



My approximations of WWBTOF-2 locations

New recreation data documents over 1000 vehicles used the Copper Canyon Facility in 2019.

The PUD should survey the Copper Canyon site to get accurate topographic information. And redesign the Copper Canyon facility to include 20 parking spots (10 vehicle and 10 vehicles w/ trailers)

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Monday, April 27, 2020 8:29 AM
To: Joe First; Michelle Holmes
Cc: Tim Courmyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: [EXTERNAL] Fwd: Take-Out Site Maintenance and Final Design Plans
Attachments: RE__EXTERNAL_EMAIL__RE_Cowlitz_Falls_Take-Out_Site_Drawings_(10)_(TB).pdf; ① CFP_Sharp_copier@lcpud.org_20191206_121859.pdf; 2020, April 27 Take-Out Site ② Maint-Final Design Plans.pdf ③ 4-27 from

Hi Joe,
Your letter today regarding the final design plan contradicts this December 6, 2019 email to the drafter.
and the attached drawing dated 8/30/2019

Begin forwarded message:

From: Michelle Holmes <michelleh@lcpud.org>
Subject: Take-Out Site Maintenance and Final Design Plans
Date: April 27, 2020 at 8:05:16 AM PDT
To: Ourfamily <(b) (6)>, John Stormon <(b) (6)>

Please find attached the letter filed with FERC this morning. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 345-1468 | e:michelleh@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.

①

From: [Thomas Beebe](#)
To: ['Christopher.Matthews@naes.com'](mailto:Christopher.Matthews@naes.com), [Joe First](#), [Laura Wolfe](#)
Date: Dec 6, 2019 at 12:25 PM
Subject: RE: **EXTERNAL EMAIL** RE: Cowlitz Falls Take-Out Site Drawings
Attachment(s): 4

Good afternoon Chris,

Attached you will find a rough edit to your initial site plan and a layout drawing for one of our CF as-built parking lots. We need to be able to accommodate 21 vehicles and 10 vehicle/trailer combos in the designated parking area. Also, we need to incorporate some disability parking spaces closer to the river along with add an additional handicap sani-can to the site.

I've attached some samples of other plans I've found incorporating contour lines and nice visual site plans showing parking spaces.

We will see you next Tuesday.

Thanks,

Tom

From: Joe First <joef@lcpud.org>
Sent: Friday, December 6, 2019 11:55 AM
To: Thomas Beebe <thomasb@lcpud.org>
Subject: FW: **EXTERNAL EMAIL** RE: Cowlitz Falls Take-Out Site Drawings

From: Matthews, Christopher <Christopher.Matthews@naes.com>
<<mailto:Christopher.Matthews@naes.com>> >
Sent: Friday, December 6, 2019 7:35 AM
To: Joe First <joef@lcpud.org> <<mailto:joef@lcpud.org>> >

Subject: ****EXTERNAL EMAIL** RE: Cowlitz Falls Take-Out Site Drawings**

EXTERNAL EMAIL: Please Think Before You Click!

Howdy Joe,

I have a meeting at 10 but am otherwise available all day. What time works best for you?

Thank you,

Christopher Matthews | Drafting Project Engineer | (425) 270-6233 | NAES Corporation |
www.naes.com <<http://www.naes.com/>>

From: Joe First <joef@lcpud.org <<mailto:joef@lcpud.org>> >
Sent: Friday, December 6, 2019 7:21 AM
To: Matthews, Christopher <Christopher.Matthews@naes.com
<<mailto:Christopher.Matthews@naes.com>> >
Subject: Cowlitz Falls Take-Out Site Drawings

WARNING: This email originated from outside of NAES

Christopher,

Are you available for a quick call today to discuss the Cowlitz Falls take-out site drawings?

Thanks

Joe

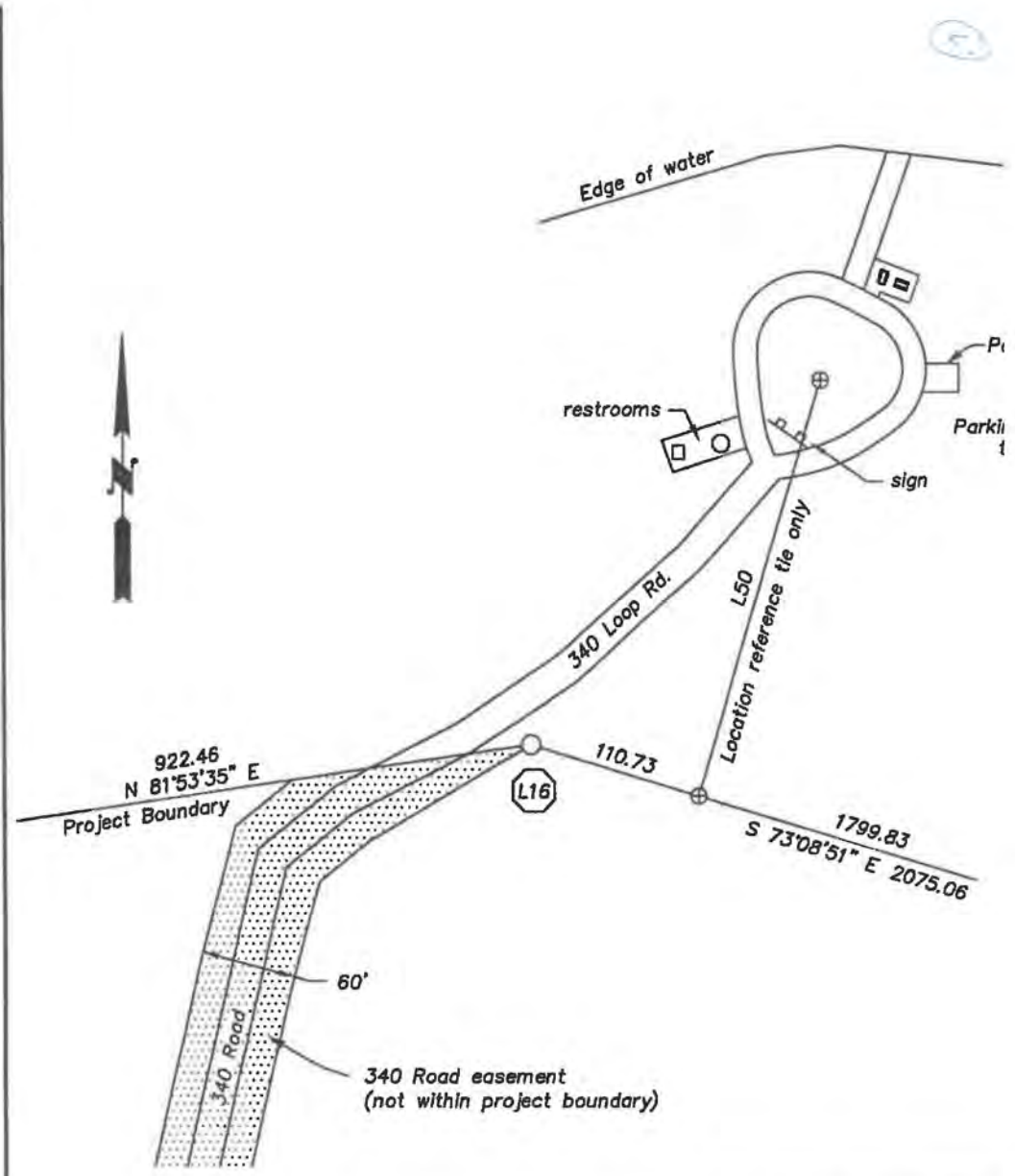
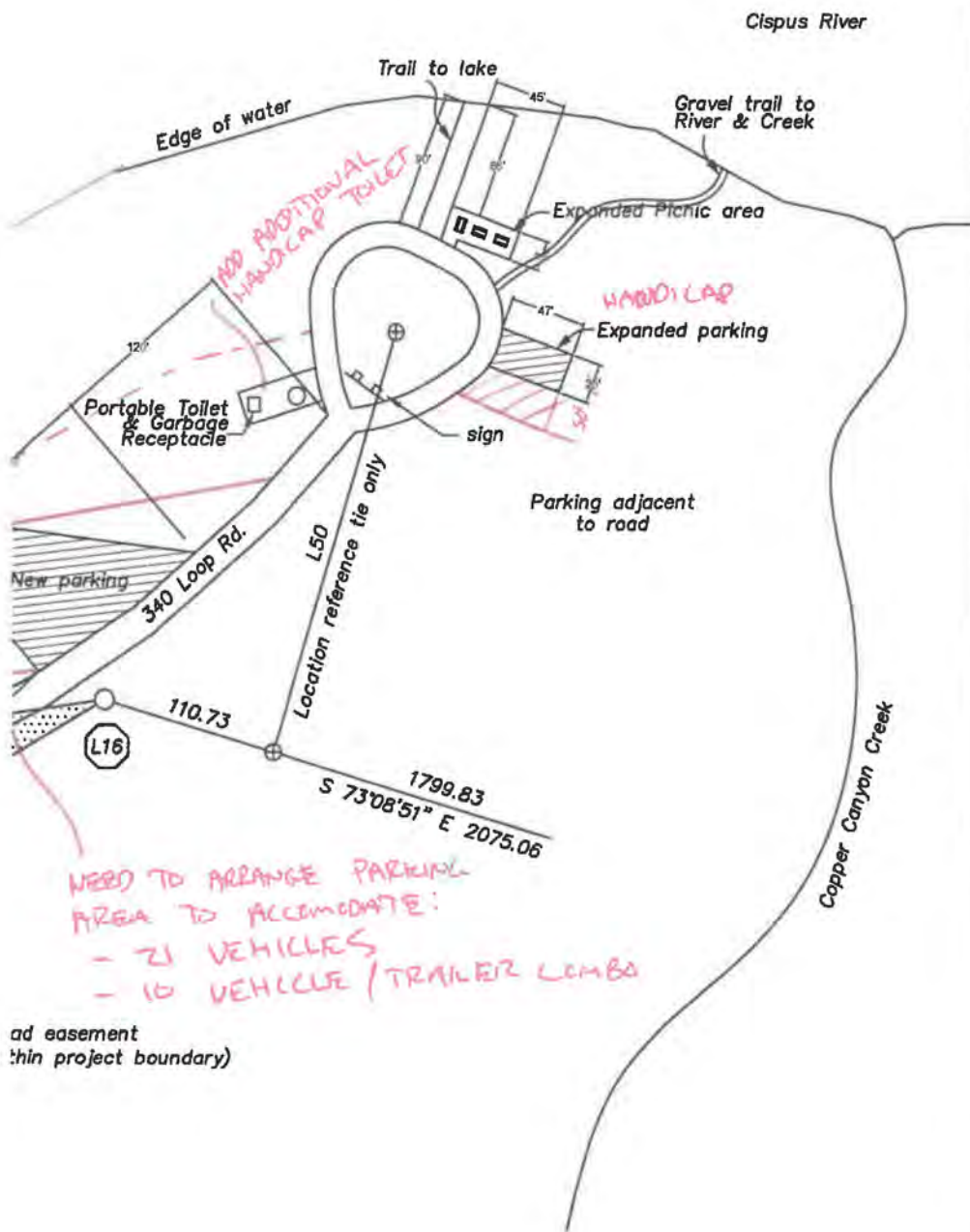
Joe First

Generation Manager | Lewis County PUD | www.lcpud.org <<http://www.lcpud.org>>

o:(360) 748-9261 | d:(360) 345-1469 | e:joef@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.



REV	DATE	DRFT	CHKD	APPV
Lewis				
PLM				

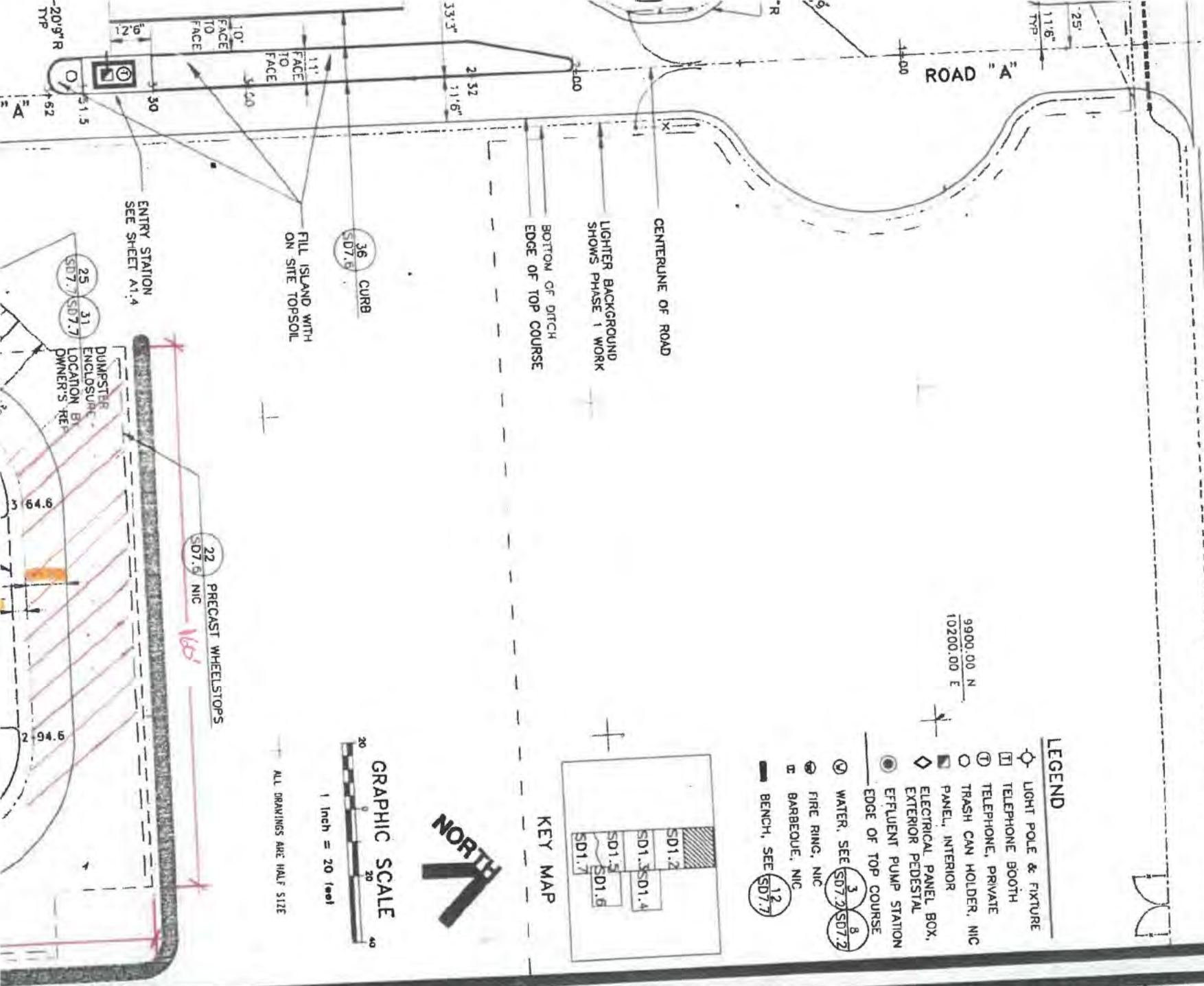
OWLITZ FALLS PROJECT - PHASE 2

CAMPGROUND

10,000 N
10,000 E

APPROX. EDGE OF EXISTING PAVEMENT

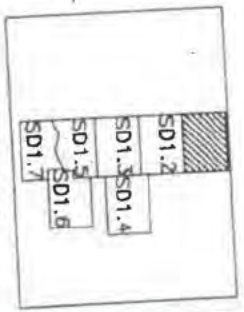
ROAD "A"



9900.00 N
10200.00 E

LEGEND

- LIGHT POLE & FIXTURE
- TELEPHONE BOOTH
- Ⓣ TELEPHONE, PRIVATE
- Ⓞ TRASH CAN HOLDER, NIC
- ▣ PANEL, INTERIOR
- ▣ ELECTRICAL PANEL BOX, EXTERIOR PEDESTAL
- EFFLUENT PUMP STATION
- EDGE OF TOP COURSE
- ⊙ WATER, SEE (SD7.3) (SD7.2)
- ⊙ FIRE RING, NIC
- ⊙ BARBEQUE, NIC
- BENCH, SEE (SD7.7)



KEY MAP



GRAPHIC SCALE
1 inch = 20 feet

ALL DRAWINGS ARE HALF SIZE

NO.	DATE	REVISION

DESIGNED	
CHECKED	(b) (6)
APPROVED	

(b) (6)

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Monday, April 27, 2020 9:15 AM
Subject: [EXTERNAL] Supplemental/Additional Information submitted in FERC P-2833-113 by Lewis County PUD,et al.

On 4/27/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Lewis County PUD
Public Utility District No. 1 of Lewis County (WA) (as Agent)

Docket(s): P-2833-113
Lead Applicant: Public Utility District No. 1 of Lewis County (WA)
Filing Type: Supplemental/Additional Information
Description: Lewis County PUD submits the Take-out site maintenance and final design plans under P-2833.

To view the document for this Filing, click here
http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200427-5134

To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.
Online help is available here:
<http://www.ferc.gov/efiling-help.asp>
or for phone support, call 866-208-3676.

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

April 27, 2020

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: Cowlitz Falls Hydroelectric Project P-2833-113 WA
Pending Review of Allegation Regarding Take-out Site Maintenance and Final Design Plans

Dear Secretary Bose:

This letter is in response to the FERC letter dated March 18, 2020 referring to allegations regarding take-out site maintenance and final design plans.

1. Portable Toilet Maintenance – The District does acknowledge that in 2019 the contractor the District hired to service the portable restrooms did not adequately perform their work. The contract was to service the portable restroom every two weeks. The District did discuss this issue with the contractor several times through 2019 but the contractor (Goebel Septic Tank Service, Inc) did not consistently perform the work on a bi-weekly basis. The District now schedules the contractor to service the portable restrooms weekly and District staff is regularly checking that they are performing the work.

2. Trail Maintenance – The District is maintaining the trail from the roadway to Copper Canyon Creek. In 2007, a graveled trail was constructed from the roadway to Copper Canyon Creek near the confluence with the Cispus River, as documented in the as-built report submitted to the Commission on March 30, 2007 (docketed April 9, 2007). The Cispus River may be accessed easily from this point along Copper Canyon Creek (or from the primary take-out ramp at the north end of the access road, which is also being maintained in good condition). District crews in 2019 cleared the trail of tree limbs and bushes. The video that Mr. Deckert submitted on March 8, 2020 supports that this trail is in good shape. The trail is firm, cleared, and easy to navigate. The trail is meant to fit into the ambient environment and is not an overly developed pathway which would clearly be out of character for this area. In the Gifford Pinchot National Forest Management Plan, the U.S. Forest Service has determined that the Cispus River is eligible for listing in the national Wild and Scenic River System and the Service has recommended Wild and Scenic River status for most of the Cispus River.¹ Although the small portion of the Cispus located within the Cowlitz Falls Project boundary would be excluded from any Wild and/or Scenic designation,

¹ Gifford Pinchot National Forest Land and Resource Management Plan, https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5444081.pdf (accessed April 6, 2020). Congress has not acted on the Forest Service's recommendation to designate the Cispus River as Wild and Scenic.

PUD

Kimberly D. Bose, Secretary
April 27, 2020
Page 2

the District plans to keep the take-out site in a state that is consistent with the river's wild and scenic characteristics. The District does plan to re-gravel the trail, however, when the new Copper Canyon Creek Take-Out Site parking area is approved and developed.

There has never existed as part of the approved take-out development a second graveled trail to the creek as Mr. Deckert has asserted. The second video Mr. Deckert submitted on March 8 purports to show a poorly maintained trail that has become overgrown with brush. That trail, however, is a primitive path between the access road and the creek that has never been part of the FERC-approved facilities associated with the Copper Canyon Creek take-out site. It is not depicted as a graveled path on the approved as-built drawings or the project's Exhibit K. Nor is it depicted on the District's final plans for improvements to the Copper Canyon Creek take-out site as shown on Drawing No. WWBTOF-2 submitted to FERC on December 16, 2019. The District is adequately maintaining both the take-out ramp to the Cispus River and the approved path to the mouth of Copper Canyon Creek; however, the District has not assumed responsibility under its take-out plan to maintain a second developed trail to the creek.

3. Adequacy of Public Review Period – The District provided adequate time for public review of the take-out site plans. The District provided take-out site plans for the primary and alternate take-out sites to the consulting parties on September 18, 2019. The District then met with the interested parties on September 19, 2020 to go over the design plans. The District requested written comments on the design plans by October 18, 2019. Several of these comments were incorporated by the District into the final design. The District filed the final design plans with the Commission on December 16, 2019. The District received comments by the public that were reviewed, evaluated, and many incorporated into the plans. Mr. Storman's January 13, 2020 comment stated that if public comments are incorporated into the plan then an additional 30-day comment period must commence. The District contends that the take-out site plan with recommended changes incorporated into the design does not warrant an additional 30-day comment period. Further, Mr. Stormon has not raised any substantive objections to the final design plans submitted on December 16, 2019. His objections appear to be purely procedural, but without any suggestion how he was prejudiced by the alleged procedural deficiency.

Please contact me if you require additional information.

Sincerely,

(b) (6)

Joseph M. First
Lewis County PUD
Generation Manager

cc: Debbie Carlson, BPA
Michael Deckert
John Stormon

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Monday, April 27, 2020 2:16 PM
To: Joe First; Michelle Holmes
Cc: Tim Courmyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Jon Cofrancesco
Subject: [EXTERNAL] Re: Take-Out Site Maintenance and Final Design Plans

Also from 2005 application, note it is plural

10. Gravel existing trails as necessary

On Apr 27, 2020, at 1:45 PM, ourfamily <(b) (6)> wrote:

Hi All,
I'm throwing out for discussion that the PUD did propose and commit to two trails, in fact it appears the original commitment was for a loop, but the quality of the copy is poor. This is from the district's 2005 application. It closely matches the as-built the PUD submitted to FERC.

The oversize parking was built but has fallen into disrepair.

Michael

<Pages from 20050607-0086(11307417).pdf>

Carlson,Debbie (BPA) - PGAC-RICHLAND

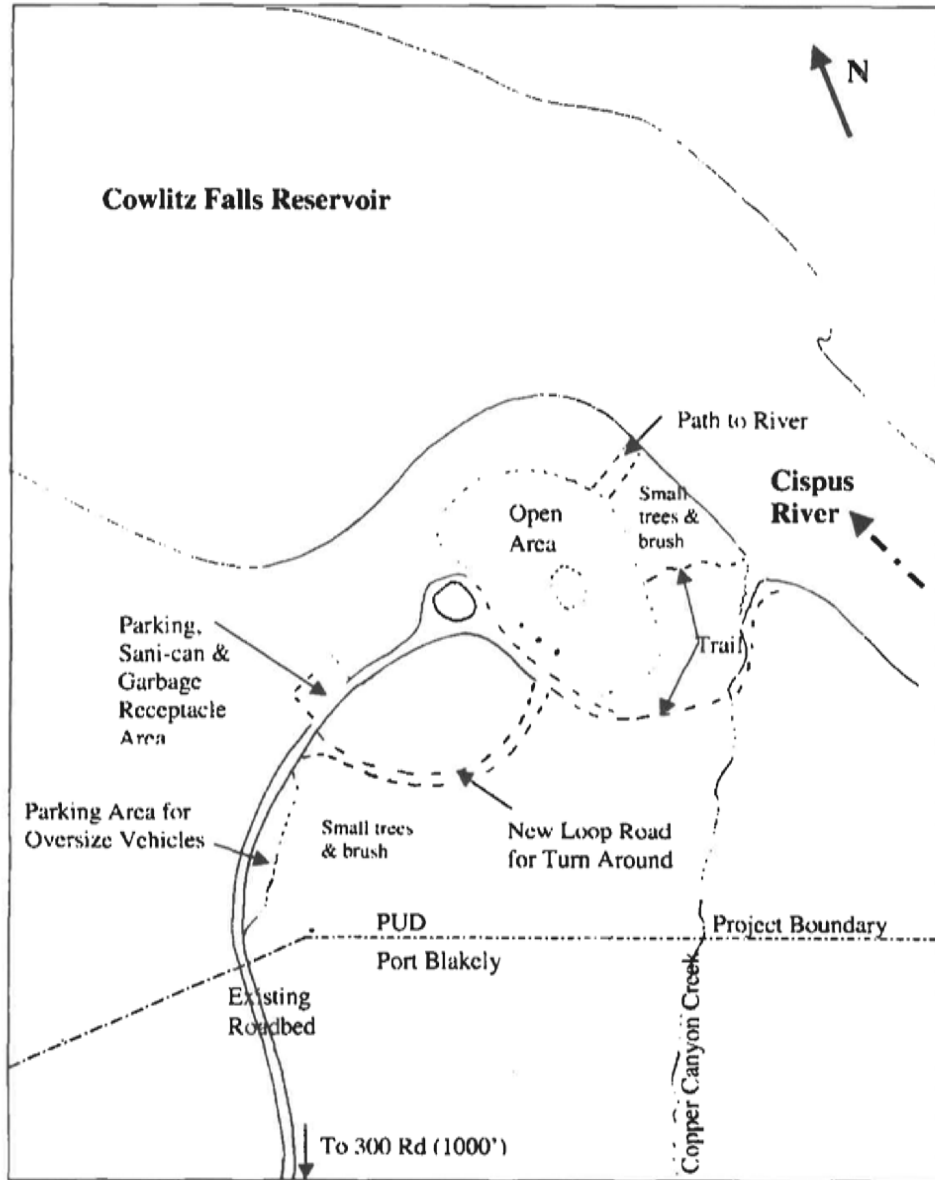
From: ourfamily <(b) (6)>
Sent: Monday, April 27, 2020 1:45 PM
To: Joe First; Michelle Holmes
Cc: Tim Courmyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUd; Anna Bires; Bob Metzger; Canoe; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUd; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Jon Cofrancesco
Subject: [EXTERNAL] Re: Take-Out Site Maintenance and Final Design Plans
Attachments: Pages from 20050607-0086(11307417).pdf

Hi All,
I'm throwing out for discussion that the PUD did propose and commit to two trails, in fact it appears the original commitment was for a loop, but the quality of the copy is poor. This is from the district's 2005 application. It closely matches the as-built the PUD submitted to FERC.

The oversize parking was built but has fallen into disrepair.

Michael

Cowlitz Falls Hydroelectric Project Copper Canyon Creek Take-Out Site Proposed Development Sketch



Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Tuesday, April 28, 2020 9:45 AM
Subject: [EXTERNAL] Comment on Filing submitted in FERC P-2833-113 by Individual No Affiliation,et al.

On 4/28/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Individual No Affiliation
No Organization Found (as Agent)

Docket(s): P-2833-113
Lead Applicant: Public Utility District No. 1 of Lewis County (WA)
Filing Type: Comment on Filing
Description: Response to LCPUD 04/27/2020 letter to FERC, RE: Pending Review of Allegations Regarding Take-out Site Maintenance and Final Design Plans. Comment of John C Stormon under P-2833.

To view the document for this Filing, click here
http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200428-5090

To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.
Online help is available here:
<http://www.ferc.gov/efiling-help.asp>
or for phone support, call 866-208-3676.

(b) (6)

April 28, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Cowlitz Falls Project # 2833, Response to LCPUD letter of 04/27/2020 addressing Non-compliance with FERC Order dated April 30, 2019.

Dear Secretary Bose:

I am writing in response to Lewis County Public Utility District (LCPUD)'s letter to FERC of April 27, 2020 with the Subject: "Cowlitz Falls Hydroelectric Project P-2833-113 WA, Pending Review of Allegations Regarding Take-out Site Maintenance and Final Design Plans." Although the unexplained conflicts between LCPUD's Feb 7, 2020 statements on "Portable Toilet Maintenance" and the statements on the toilet in the April 27, 2020 letter, worryingly suggest that LCPUD is not factually responding to FERC, I will mostly limit this letter to addressing the LCPUD letter's, Sec #3, "Adequacy of Public Review Process."

On March 18, 2020, FERC requested that LCPUD address, among other things, "... *any additional reply to Mr. Stormon's allegations...*" from my letters to FERC dated: October 28, 2019, December 16, 2020 and January 13, 2020.

LCPUD 4/27/2020 Sec 3, does not address my complaint but on the contrary provides an account of actions that are not in dispute. It has not been disputed that LCPUD distributed a 1.5 page "Plan" during September 2019, and received written comment from three parties by the due date for comments. My complaint is that LCPUD did not provide the required review and comment period on "FINAL DESIGN PLANS" as defined in the order but instead provided a minimal 1.5 page draft that failed to meet the order requirements. The draft was so minimal that it prevented interested parties from providing review and meaningful comments on the specific items subsequently included in the plan LCPUD submitted to FERC on 12/16/2020.

FERC's 4/30/2019 order includes specific requirements for the final design plan for the Cooper Canyon Creek Take-Out Site are detailed on page 23 paragraph B of FERC ORDER AMENDING WHITEWATER BOATING TAKE-OUT SITE PLAN (Issued April 30, 2019). FERC requirements for the final design plan for the two alternative take-out sites are detailed on page 23 & 24 paragraph C of FERC ORDER AMENDING WHITEWATER BOATING TAKE-OUT SITE PLAN (Issued April 30, 2019). These sections of the order first define what a final design plan must include, followed on pages 23 & 24 of the order by the requirement: "The licensee must allow the consulting parties a minimum of 30 days to review and comment on the proposed **FINAL DESIGN PLAN** prior to filing it with the Commission."*(emphasis added)*

On September 18, 2019, LCPUD emailed a 1.5 page document titled: "Lower Cispus River Take Out Site Plan" along with 4 diagrams. *(Note in earlier correspondence I incorrectly listed the email date as Sept 19.)* Three parties submitted comments: The National Parks Service, Michael Deckert and myself, John Stormon. All three sets of comments identified the draft's inadequacy to meet FERC requirements for "FINAL DESIGN PLANS." The comments outlined what should be in final design plans required by the FERC order. The minimal draft prevented interested parties' review and comment on the specific items included in the plan LCPUD submitted to FERC on 12/16/2020.

LCPUD's 04/27/2020 letter does not include an assessment of how the 1.5 page draft met the FERC Order specific requirements for FINAL DESIGN PLANS. **My complaint is that LCPUD's 1.5 draft did not meet FERC requirements for FINAL DESIGN PLANS and that the failure to provide FINAL DESIGN PLANS meeting FERC requirements prevented interested parties from providing review and meaningful comments on the specific items subsequently included in the plan LCPUD submitted to FERC on 12/16/2020.** LCPUD falsely states that my complaint involves changes that might have been made as a result comments received.

In addition LCPUD indicates that I have not raised substantive objections to the final design plans. I have raised the following substantive issue, the minimal 1.5 page draft does not meet FERC Order specific requirements for FINAL DESIGN PLANS and that failure prevented interested parties from providing meaningful review and comments. No additional comment period has been provided, therefore I have not offered additional substantive comments. **I continue to request that FINAL DESIGN PLANS meeting FERC Order requirements be provided for review and comment so that interested parties may review and provide meaningful comments.**

In recent years LCPUD has demonstrated a pattern of failure to provide final plans meeting specific FERC requirements for review and comment. I do not know if this behavior is a chosen strategy to limit meaningful review or simply a symptom of poor work quality, but LCPUD has demonstrated that they will not improve without additional regulatory motivation. Whether an intentional strategy or simply a symptom of poor work quality, the result of LCPUD's behavior is the same, interested parties are prevented from meaningful review and comment. **Please require LCPUD to provide interested parties with the opportunity to review and provide meaningful comments on "FINAL DESIGN PLANS" that meet the requirements of FERC order dated April 30, 2019.**

LCPUD continues with their 30+ year strategy of non-compliance with FERC License, orders and written instructions for providing uninterrupted boating use of the Lower Cispus River. LCPUD continues to demonstrate that they are not willing to voluntarily comply with License #2833, nor FERC's orders and written instruction. **After more than 30 years of non-compliance, it is time for FERC to begin taking regulatory steps to achieve LCPUD compliance.**

Sincerely,

(b) (6)

John Stormon
Whitewater Boater

Document Content(s)

Stormon Response to LCPUD 04_27_2020 letter to FERC.PDF.....1-3

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Tuesday, April 28, 2020 8:45 AM
Subject: [EXTERNAL] Comment on Filing submitted in FERC P-2833-108,et al. by Individual No Affiliation,et al.

On 4/28/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Individual No Affiliation
INDIVIDUAL (as Agent)

Docket(s): P-2833-108
P-2833-113

Lead Applicant: Public Utility District No. 1 of Lewis County (WA)

Filing Type: Comment on Filing

Description: Michael G. Deckert submits comments in response to Lewis County Public Utility District?s 4/17/20 letter re the License Amendment Final Design Plan under P-2833, et. al.

To view the document for this Filing, click here

http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200428-5069

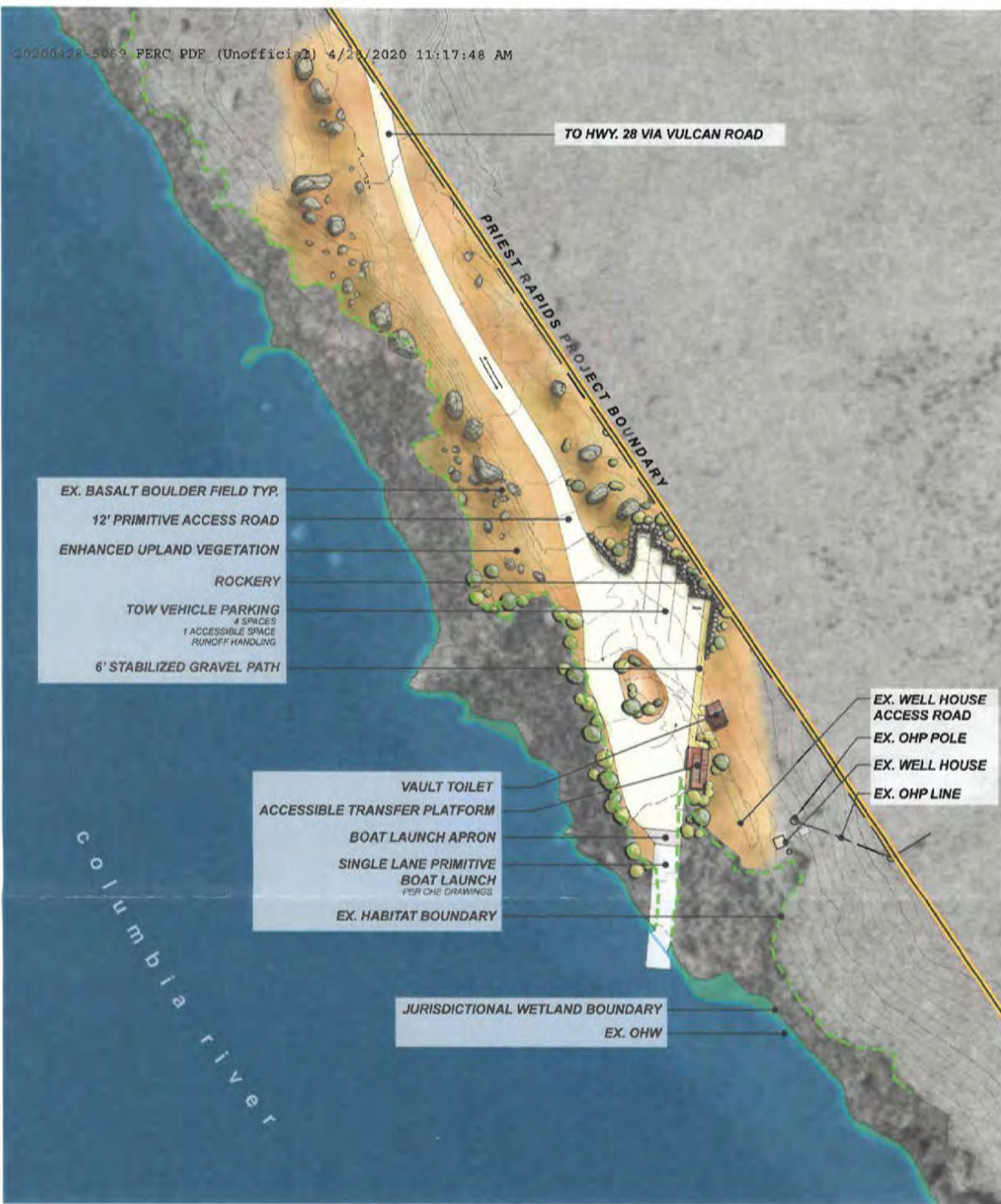
To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.

Online help is available here:

<http://www.ferc.gov/efiling-help.asp>

or for phone support, call 866-208-3676.



10,000 N
10,000 E

APPROX. EDGE OF EXISTING PAVEMENT

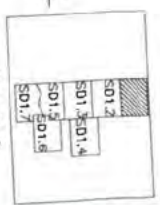


CENTERLINE OF ROAD
LIGHTER BACKGROUND SHOWS PHASE 1 WORK
BOTTOM OF DITCH
EDGE OF TOP COURSE

FILL ISLAND WITH ON SITE TOPSOIL

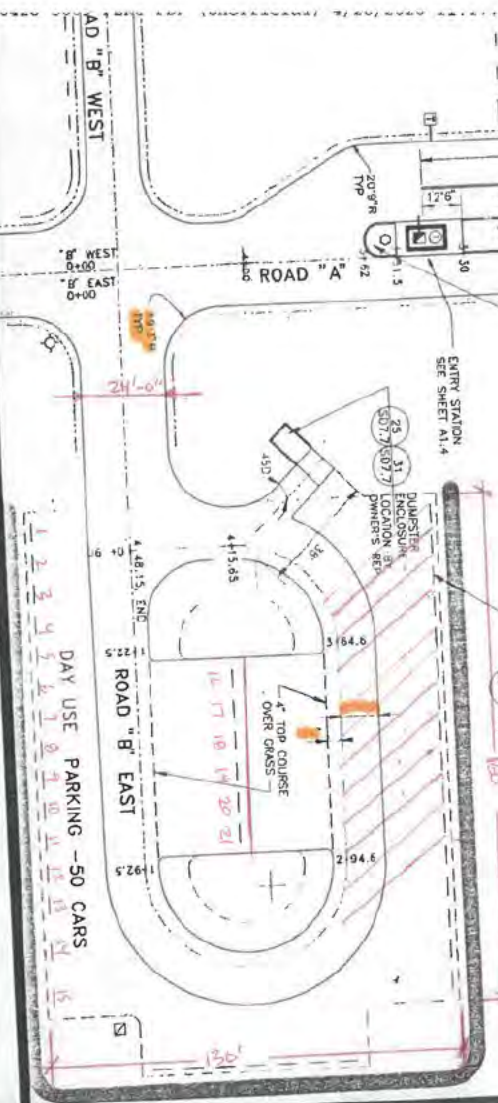


KEY MAP



- LEGEND**
- ◇ LIGHT POLE & FITURE
 - TELEPHONE BOOTH
 - TELEPHONE, PRIVATE
 - TRASH CAN HOLDER, INC
 - PANEL, INTERIOR
 - ◇ ELECTRICAL PANEL BOX, EXTERIOR
 - PEDISTAL
 - EFFLUENT PUMP STATION
 - EDGE OF TOP COURSE
 - WATER SET (SD1.2, SD1.7)
 - FIRE RING, NIC
 - BARBROQUE, NIC
 - BENCH, SEE (SD1.7)

5990.00 N
10200.00 E



COWLITZ FALLS PROJECT - PHASE 2
SITE NO. 1 CAMPGROUND

THE ORB ORGANIZATION, INC.
607 SW Grady Way, Burke 210
Renton, Washington 98055 4977
Phone (206)226-3522 Fax: (206)226-9115

(b) (6)



NO.	DESCRIPTION	DATE	BY
1	DESIGN	11/13/06	...
2

1 OF 7
9206
SD1.1 A

CAMPGROUND DEVELOPMENT

Michael Deckert

(b) (6)

04/28/2020
Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

RE: P2833-108 Review of Final Designs
P2833-113 Review of Final Designs

Dear Secretary Bose,

This filing is in response to Lewis County Public Utility District's April 27, 2020 letter which contains a number of factual errors and mis-representations regarding public review of the License Amendment Final Design Plans.

In the PUD's 2019 budget, zero dollars were allocated to produce final design plans. Design Plans were due in 2019 for three separate facilities: Copper Canyon, Lay Down Area, and North Shore Boat Ramp. There was \$50,000 allocated for Copper Canyon parking construction, but in March 2019, those funds were removed in their entirety from the budget.

With this budgetary context, I'll focus primarily on WWBTOF-2, the Copper Canyon Facility as representative of the whole.

At the PUD's September 19, 2019 meeting the PUD stated they didn't believe the WWBTOF-2 drawing was accurate. They were correct. The errors and omissions are so significant and material it makes the drawing meaningless.

On October 19, 2019 exact elements of the FERC order were identified, compared to the WWBTOF-2 drawing, and comments provided to the PUD.

FERC Ordered:

(2) appropriate design drawings for all new proposed facilities and improvements or significant modifications to existing facilities (COMMENT the district stated they do not believe the WWBTOF-2 design drawing provided for comment is accurate. Parking elements lack specificity and are inaccurately drawn. Further, the design drawing inaccurately depicts environmental constraints, omits environmental constraints, and omits setbacks)

(3) a site plan drawing showing the type and location of all facilities and improvements at the site in relation to the project boundary (COMMENT the district's design drawing is shoddily drawn with inaccurate scales. The

location of the facilities and improvements cannot be determined and commented on in reference to the project boundary)

(4) a description of the type and scope of all ground-disturbing activities associated with the construction of the proposed facilities and improvements, including a description of construction methods and schedule, and potential impacts on environmental resources, public access, and cultural resources (COMMENT the scope, methods, schedule, and impacts cannot be determined due to inaccurate scales and lack of specificity.)

The unsigned WWBTOF-2 dated August, 30, 2019 that was provided for review does not contain a lay-out for the parking lot.

The first appearance on WWBTOF-2 of a lay-out for the parking lot occurs after December 6, 2019. On December 6, 2019, the PUD sent an email to Christopher Mathews at NAES (presumably a contractor) directing him to design a layout for parking 21 cars and 10 vehicles with trailers. The document the PUD provided NAES was the unsigned WWBTOF-2 (August 30, 2019) with red handwritten notes. The notes state: "Need to arrange parking area to accommodate -21 vehicles, -10 vehicle/trailer combo"

The WWBTOF-2 (August 30, 2018) and the WWBTOF-2 (signed and dated 8//2019 and 12/16/2019) submitted to FERC both contain gross and misleading errors in the locations of critical areas such as the reservoir's edge, and Copper Canyon Creek. These errors are readily apparent when comparing the Copper Canyon as-built drawings against the WWBTOF-2 drawings, and when looking at Google Earth views.



My approximations of WWBTOF-2 locations

These errors result in proposed new construction encroaching well inside required setbacks, creating uncertainty if they can even be constructed, or receive approvals from the

resource agencies. Correcting these errors again delays the implementation of the approved application goals. Goals that are already years behind the PUD's original schedule.

The Copper Canyon site needs to be surveyed to get the accurate topographic information necessary to create a final design plan.

The North Shore Boat Ramp's intended design conditions were to be useable during riverine conditions¹. WWBTOF-4 lacks detail on how or where this will occur. The PUD did not address comments on this deficiency. This site also requires a topographic survey of to get the accurate information needed to create a final design that meets the intended use.

Summary

The significant errors and omissions in the unsigned August 30, 2019 drawings deprived the public the opportunity to comment on Final Design Plans. FERC should direct the PUD to: (1) correct errors and omissions; and (2) require the PUD to submit corrected plans for public review. While the ongoing delays in implementing site improvements aren't good, it represents an opportunity to design the Facility using the new 2019 recreation use data documenting more than 1000 vehicles using the Copper Canyon Facility.

Please contact me if you have any questions,
Michael Deckert

Attached as a separate file:

- a) December 6, 2019 email, RE: ****EXTERNAL EMAIL**** RE: Cowlitz Falls Take-Out Site Drawings

¹ LCPUD's June 14, 2018 proposal "This site could be used during reservoir drawdowns at which time the reservoir would be in a riverine condition..."

From: [Thomas Beebe](#)
To: 'Christopher.Matthews@naes.com', [Joe First](#), [Laura Wolfe](#)
Date: Dec 6, 2019 at 12:25 PM
Subject: RE: **EXTERNAL EMAIL** RE: Cowlitz Falls Take-Out Site Drawings
Attachment(s): 4

Good afternoon Chris,

Attached you will find a rough edit to your initial site plan and a layout drawing for one of our CF as-built parking lots. We need to be able to accommodate 21 vehicles and 10 vehicle/trailer combos in the designated parking area. Also, we need to incorporate some disability parking spaces closer to the river along with add an additional handicap sani-can to the site.

I've attached some samples of other plans I've found incorporating contour lines and nice visual site plans showing parking spaces.

We will see you next Tuesday.

Thanks,

Tom

From: Joe First <joef@lcpud.org>
Sent: Friday, December 6, 2019 11:55 AM
To: Thomas Beebe <thomasb@lcpud.org>
Subject: FW: **EXTERNAL EMAIL** RE: Cowlitz Falls Take-Out Site Drawings

From: Matthews, Christopher <Christopher.Matthews@naes.com>
<<mailto:Christopher.Matthews@naes.com>> >
Sent: Friday, December 6, 2019 7:35 AM
To: Joe First <joef@lcpud.org> <<mailto:joef@lcpud.org>> >

Subject: **EXTERNAL EMAIL** RE: Cowlitz Falls Take-Out Site Drawings

EXTERNAL EMAIL: Please Think Before You Click!

Howdy Joe,

I have a meeting at 10 but am otherwise available all day. What time works best for you?

Thank you,

Christopher Matthews | Drafting Project Engineer | (425) 270-6233 | NAES Corporation |
www.naes.com <<http://www.naes.com/>>

From: Joe First <joef@lcpud.org <<mailto:joef@lcpud.org>> >
Sent: Friday, December 6, 2019 7:21 AM
To: Matthews, Christopher <Christopher.Matthews@naes.com
<<mailto:Christopher.Matthews@naes.com>> >
Subject: Cowlitz Falls Take-Out Site Drawings

WARNING: This email originated from outside of NAES

Christopher,

Are you available for a quick call today to discuss the Cowlitz Falls take-out site drawings?

Thanks

20250420 0000 FAX ID# (010110101) 7/20/2025 11:17:10 AM

Joe

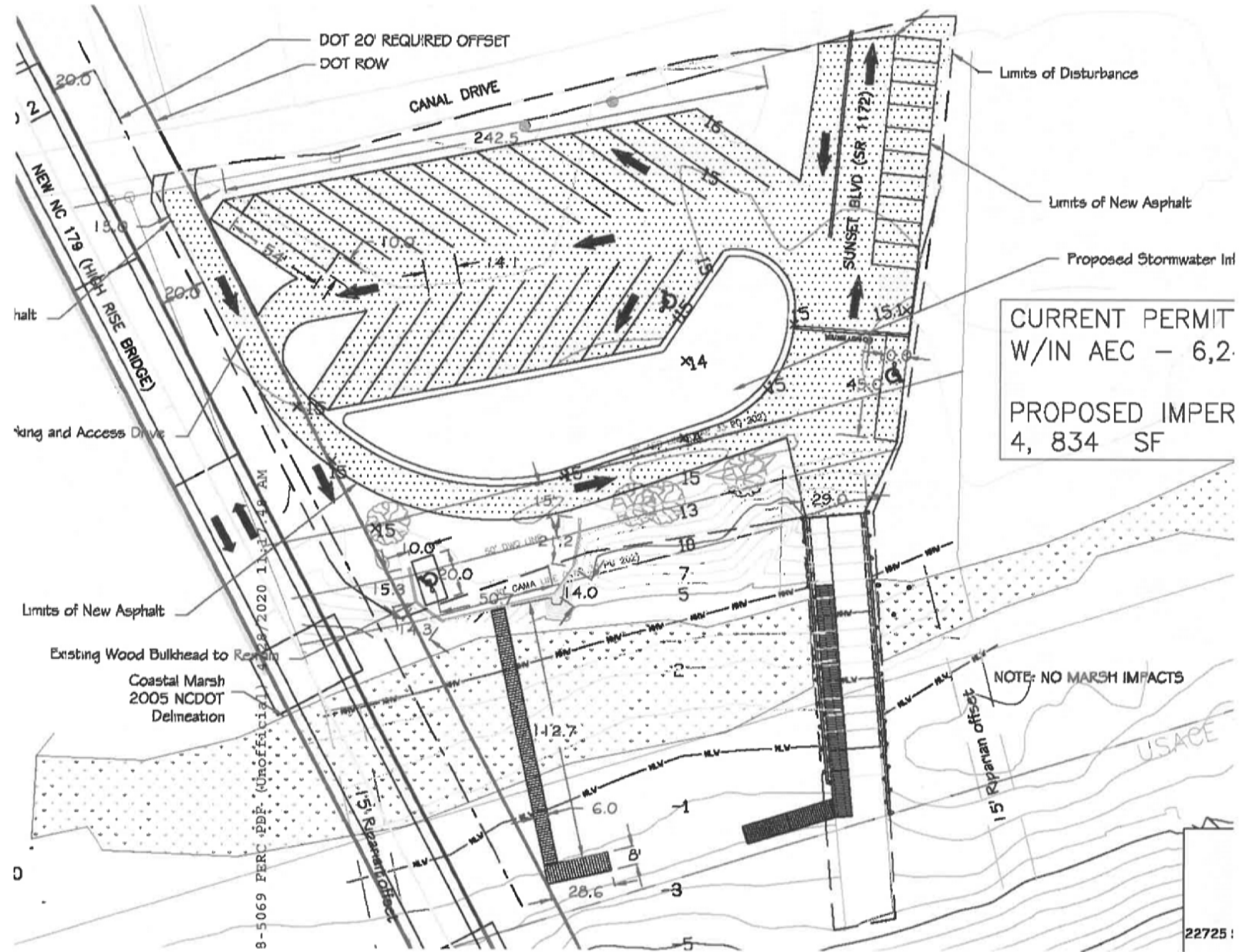
Joe First

Generation Manager | Lewis County PUD | www.lcpud.org <<http://www.lcpud.org>>

o:(360) 748-9261 | d:(360) 345-1469 | e:joef@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.



CURRENT PERMIT
W/IN AEC - 6.2

PROPOSED IMPER
4,834 SF

RESTORED UPLAND AND RIPARIAN VEGETATION

DAY USE AREA
2 ACCESSIBLE RESTROOM FACILITY
PARKING HWY.

PRIEST RAPIDS PROJECT BOUNDARY

TWO LANE BOAT LAUNCH AND BOARDING FLOAT
SEE CHE DRAWINGS

NAVIGATION

DAY USE AREA
5 PICNIC TABLES

RESTORED RIPARIAN VEGETATION

BOAT LAUNCH PARKING
7 AUTO SPACES (2 ACCESSIBLE)
45 PULL THROUGH TOW VEHICLE SPACES
7 PULL IN TOW VEHICLE SPACES
RUNOFF HANDLING
QUEUING/MAKE READY AREA
TIE DOWN AREA

EX. OHW

EX. HABITAT BOUNDARY

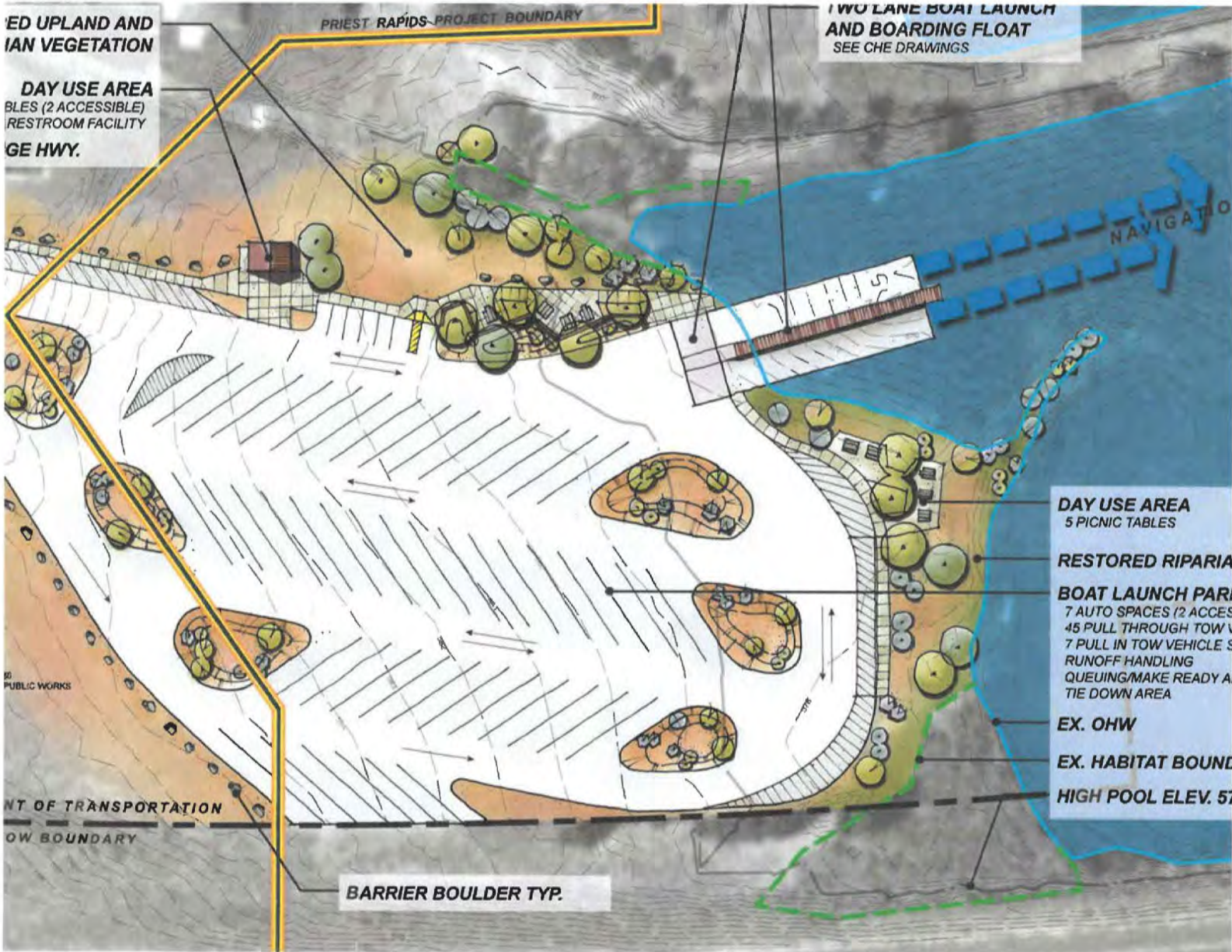
HIGH POOL ELEV. 5100

50' PUBLIC WORKS

DEPARTMENT OF TRANSPORTATION

LOW BOUNDARY

BARRIER BOULDER TYP.



Document Content(s)

2020_04_28 ---Design Review.PDF.....1-3

EMAIL_RE_Cowlitz_Falls_Take-Out_Site_Drawings.PDF.....4-11

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Wednesday, April 8, 2020 4:26 AM
Subject: [EXTERNAL] Environmental and Recreational Compliance Report submitted in FERC P-2833-108 by Individual No Affiliation,et al.

On 4/8/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Individual No Affiliation
INDIVIDUAL (as Agent)

Docket(s): P-2833-108

Lead Applicant: Public Utility District No. 1 of Lewis County (WA)

Filing Type: Environmental and Recreational Compliance Report

Description: Request of Michael G. Deckert under P-2833-108. Response to draft Recreation Monitoring Report dated March 27, 2020

To view the document for this Filing, click here

http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200408-5019

To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.

Online help is available here:

<http://www.ferc.gov/efiling-help.asp>

or for phone support, call 866-208-3676.

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Tuesday, April 7, 2020 6:16 PM
To: Tim Cournyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Ourfamily; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: [EXTERNAL] P-2833-108 Response to draft Recreation Monitoring Report dated March 27, 2020
Attachments: 2020_04_08.pdf

Hi All,
Attached please find my filing with FERC.
Michael

Michael Deckert

(b) (6)

04/08/2020

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

RE: P2833-108 Lewis County Public Utility District's draft Recreation
Monitoring Report dated March 27, 2020

Dear Secretary Bose:

Executive Summary

I am a named consulting party, dedicated to the Cispus River and the many values it provides to the recreation community. I have an overarching goal that the Cispus River's Copper Canyon Facility is functional, well-designed, well maintained, and an attractive recreation facility that meets the needs of the community now and into the future.

This filing is submitted in response to Lewis County Public Utility District's (PUD) draft Recreation Monitoring Report dated March 27, 2020 (the Report). Unfortunately, a complete set of comments cannot be provided because the draft Report is significantly deficient, and does not comply with FERC's April 30, 2019 Order (Order). The Report does not contain or meet the minimum content of the Order's specifications and clear directions.

The PUD's draft Report is deficient in a number of ways. The PUD's equipment and analysis fail to capture a significant but unknown number of vehicles using the Copper Canyon Facility. The PUD's data analysis is flawed, consistently displaying a bias towards undercount of recreation use. The Report incorrectly states that the facility is in good condition when, in fact, the condition of several of the components of the facility is poor and maintenance is urgently needed.

Through 2019 and into 2020, the whitewater boating and river use community repeatedly offered help to the PUD. These offers of help ranged from monitoring the Copper Canyon site, to performing needed maintenance. Additionally, the community offered to meet with the PUD to assist the PUD in developing the subject Recreation Monitoring Report. The PUD rejected all offers of help.

When, on March 2, 2020, the PUD requested an extension of time to complete the Report, an offer was immediately extended to the PUD to help consult and prepare a draft¹. The PUD rejected the offer².

The PUD has not provided meeting minutes from all meetings. In addition, only a selective set of minutes prepared from the PUD's perspective have been included. The PUD has not provided the completion status of goals identified in the PUD's approved application.

The PUD proposes delaying needed maintenance of the facility to an unknown future date. The PUD further ties the delay in maintenance to undetermined future construction projects. The PUD should promptly perform needed maintenance as required, and not allow the facility to remain and further fall in poor condition for an extended period of time.

Recommendations:

- A) The draft is clearly deficient and should be rejected.
- B) The draft needs to be rewritten to discuss the problems with data collection and the PUD's plan to address those problems.
- C) The draft needs to be rewritten to discuss the PUD's analysis methodology, and plan to correct for the under-reporting bias.
- D) The draft needs to be rewritten to include parking utilization percentages, as well as a discussion and examples of the calculations.
- E) The draft needs to be rewritten to include the PUD's specified calculation for determining if recreation plan updates are needed, as well as a discussion and documentation of the calculation.
- F) The draft needs to be rewritten to include meeting minutes from all meetings, and include minutes from the perspective of the recreation community.
- G) Needed maintenance should be promptly performed and not delayed. In addition, the draft needs to be rewritten to accurately reflect the poor condition of several components needing urgent maintenance.

¹ *"Based on the PUD's filing today with FERC, I'm glad that the PUD will be holding a consultation meeting about the Recreation Monitoring Plan."*

² *"We will not be holding a meeting for the Recreation Monitoring Plan, we will be sending the plan out for review and comments."*

Discussion

The Order directs: (1) identification of the date, time, average daily river flow, and number of automobiles, high-capacity vehicles, and vehicles with trailers manually counted on each day of monitoring;

The PUD's draft is deficient as the time, and segregated count by specified vehicle type for the manually counted vehicles are not present.

Since the PUD has not provided the time element, the quality of the PUD's observations cannot be determined. Available evidence suggests that the PUD created the manual count data by reviewing the electronic system data.

Available evidence suggests that the PUD was not actually on-site as specified in their analysis. The PUD should provide photo documentation, field notes, or other evidence of their presence on-site for October 14, 2019.

The Order directs: 2) identification of the average number of two-axle vehicles and three-axle or more vehicles counted using electronic monitoring equipment each month for a 5-weekday period (i.e., one result for each month) and for a weekend period (one result for each month) of the year prior to the filing date;

The PUD's report obscures fundamental flaws in both their collection of data and their analysis of the data.

First, the system fails to capture all vehicles entering, or exiting the facility. For example, 27 people registered for the January 1, 2019 Cispus River trip organized by the Washington Kayak Club. The actual number of vehicles using the Copper Canyon Facility that day is unknown, but most likely exceeded more than a dozen vehicles. PUD's analysis reported that the number of vehicles at the Copper Canyon Facility that day was only one (1).

Review of available data for September 26, 2019 reveals that not a single vehicle had both its entrance and exit captured by the camera. How does the PUD evaluate how many times the camera missed both the entrance and exit of a vehicle? The PUD needs to account for this low bias.

Second, The PUD's analysis of their data is flawed. As one example, on July 22, 2019 the PUD's analysis reports zero (0) vehicle use. In addition, the PUD's manual count also reports zero (0) use for the day. Review of the limited data available from the Boat Ramp camera revealed multiple images that captured vehicle use, and clearly demonstrates that the PUD's analysis is flawed.



Multiple Boat Ramp camera photos from 7/22/2019 document vehicle use

As another example, review of available data from a PUD camera indicates two (2) vehicles used the facility on October 14, 2019. The PUD's analysis reported only one (1) vehicle.

The PUD has not provided a complete set of the cameras' data. The complete set of data from both the Boat Ramp camera and Uphill camera are needed to verify the PUD's analysis.

The Order directs: (3) the percentage of the Cooper Canyon Creek Take-out Site's total vehicle parking capacity represented by the vehicle count totals required under item 2 above;

The PUD's draft omits this section and fails to provide the required percentage of parking capacity used.

The PUD specified in their application for license amendment the exact vehicle parking capacity calculation they will use³. Valid data as specified in item 2 above are required to make this calculation meaningful.

Further, the PUD does not describe the methodology they use to distinguish the "recreational whitewater boater use". The complete set of Boat Ramp camera data has not been made available to the public to verify the PUD's calculations.

³ *"The District will update the take-out plan when the recreational whitewater boater use reaches a level that uses an average of 85% or more of the Copper Canyon Creek parking area on weekend days during Cispus River flows of 800-4,000 cfs, excluding the highest three recreational use days."*

The Order directs: (4) an assessment of the overall condition of the Cooper Canyon Creek Take-out Site and its facilities;

The PUD's draft incorrectly states that the overall condition of the Copper Canyon Take-out Site is good. Photographic evidence does not support this claim. In addition, the PUD does not clearly articulate the maintenance items needed to bring the facility back into compliance with the license. Part of the facility, and attendant roads are in good condition.

The boat ramp is in good structural condition. It is 16ft wide, constructed of 5/8 inch crushed surface top course (CSTC) gravel over a 3 inch minus (quarry spall) rock base. The ramp extends from the loop road to approximately EL859 ft.

Both the 340 road, and 300 road from the Copper Canyon facility east to the FS25 road, are in good condition. Port Blakely did a nice job keeping the road in good shape. Thank you, Port Blakely.

The PUD recently removed the Use Records collection box and forms. This should be immediately reinstalled as the FERC approved the PUD's application to install it. In addition, since the PUD stated the box was removed because the collection box did not work well⁴, please also include: a) a discussion of the reasons the Use Records collection box did not work well, b) any considerations the PUD gave on how to make the Use Records collection box work well, and c) a discussion of why both the Use Records collection box and the on-line version shouldn't be made available to the public.

The tread of both the Copper Creek Trail and the River Trail are in poor condition and need to have the tread re-graveled. The tread has not been maintained since 2007.

The Picnic area needs to be graveled.

The PUD stated in January 2020 there was a drainage problem severe enough to delay maintenance of the Recreation Monitoring System's boat ramp camera for months⁵. The drainage problem directed water over the loop road and eroded the surface gravel down to the larger quarry spall. This drainage problem needs to be fixed before larger problems develop.

⁴ *"The onsite comment box at Copper Canyon Creek Take-Out Site did not work well. We removed the comment box. We have an online comment form on our website that we will be able to track and respond to comments."*

⁵ *"...it is currently inaccessible due to the camera's location, weather/ground conditions, and a dead battery which prevents remote download and physical retrieval of the photos at this time. They advised they will evaluate ground conditions periodically and anticipate it will be March before they are able to safely access the camera for retrieval of photos."*



Drainage problem and water flowing over the roadway

The PUD did not maintain the Recreation Monitoring System's boat ramp camera after July 22, 2019 when the battery died. There is no explanation why the PUD did not maintain or access the camera between July and December 2019. I note the PUD reported the installation of the cameras⁶ to FERC in their May 16, 2019 meeting minutes.

⁶ *"Usage reporting-Approximately 1600 images to review from cameras. LCPUD is monitoring the take out site usage. LCPUD will count the usage to date by the end of June... .. Cameras and visual monitoring. Visual monitoring includes vehicles, trailers, people, ect. LCPUD will provide every 3 weeks maintenance, plus more monitoring for vandalism, wind damage, ect."*

Mr. Stormon offered to help the PUD maintain the Boat Ramp camera⁷. The PUD rejected Mr. Stormon's offer⁸.

The parking area designated by the PUD is unapproved by FERC. The PUD's designated parking area has damaged the Copper Creek Trail. The parking is un-graveled, rutted, and muddy. It is in very poor condition. All parking is sub-standard.



Designated parking is un-graveled. The patchy gravel is the roadway covered with accumulating debris

⁷ "I understand that your folks are having problems accessing the Copper Canyon Take-out, boat ramp camera to download data and that the battery in the camera is likely dead. Yesterday I attended the Opening Day of Boating Season event and looked at the boat ramp camera and ground conditions near it. I would like to volunteer to assist you in accessing the camera. I believe that I can safely access the boat ramp camera. I am happy to comply with your established safety policies (please forward those safety policies so that I may review them). I would supply my own equipment to safely access the camera. I plan to be at Copper Canyon again on Tuesday 1/7/2020, weather permitting. I can pick up a memory card and batteries at the LCPUD Morton office Tuesday morning and return the memory card and batteries from the camera to Morton in the afternoon. I am happy to help with this. Please let me know how I can help."

⁸ "Thank you for your offer. We will replace the batteries and download the pictures."

The PUD states in budget discussions with the Bonneville Power Administration that their other recreation facilities' (Campground and Day Use Park) roadways and parking lots collect debris and require maintenance⁹. Similarly, the Copper Canyon roadway, parking, and ramp surface collect debris and require maintenance. The Copper Canyon roadway, parking, and ramp surface should be maintained by having the collected debris removed. This has not been done, leaving these locations in poor condition as the material decomposes.

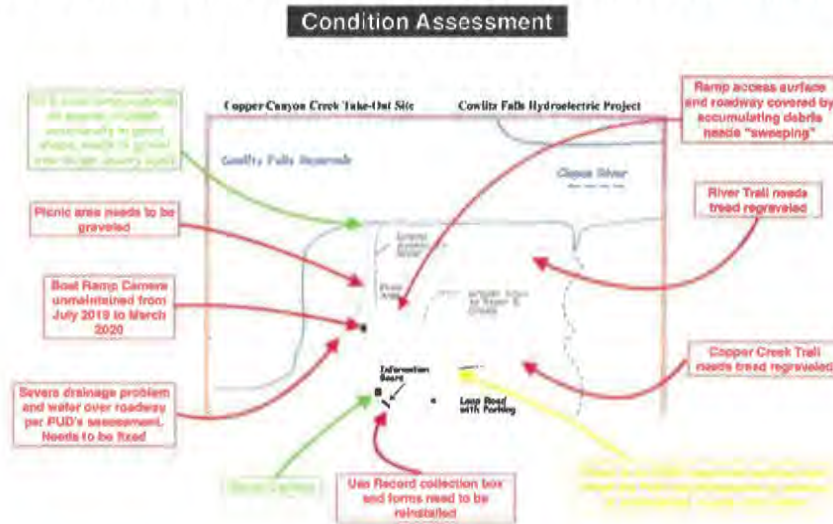


Roadway conditions with a thick layer of accumulating debris evidenced by the depth and mushiness of the tire tracks in the roadway

⁹ Recreation 2-08-545-020 Contract Services (Sweeping), Please provide justification, estimates, and timing necessary for work to be performed

"The campground and Day Use Park roadways and parking lots collect debris and require annual sweeping. The sweeping takes place in May and June. The amount is based on FY 2019 actuals. LCPUD could purchase a sweeper and perform the work ourselves."

An annotated version of the PUD's approved plan is provided for convenience.



The Order directs: (5) copies of the minutes or summaries of the licensee's periodic meetings with the boating community on the adequacy of the Cooper Canyon Creek Take-out Site to meet boater needs and completion status of the goals identified in the approved application

The meeting minutes from the October 7, 2019 North Shore Boat Ramp meeting are missing. The intent and gist of the meeting was to discuss designing the facility to the PUD's design criteria of being useable during riverine conditions.

The PUD was provided minutes from the September 19, 2019 meeting from the public's perspective and those minutes should be included in the Report:

LCPUD's presentation today made clear they do not believe the plan presented is their final plan.

The district stated they have had prior discussions with regulatory agencies such as the DNR, WDFW, and Dept of Ecology. The district's prior knowledge makes them believe the draft plan as presented today will not meet the requirements of those agencies. The district is aware of setbacks, tree retention schedules and other environmental constraints such as slopes that make the plan as presented unfeasible.

We will not know what the final plan looks like until after the district incorporates their prior knowledge and produces a final recreation plan, fully compliant with the Federal Energy Regulatory Commission's order.

The Report does not include the completion status for goals identified in the approved application, and activities needed to accomplish those goals:

- A) completion status of the Debris Management Plan – this plan is late as the PUD stated to FERC it would be completed by December 16, 2019
- B) completion status of the work mitigating the hazardous rock wall environmental constraint impacting safe access to the North Shore Boat ramp
- C) completion status of the Laydown Area site

Other associated items would be useful to have their status incorporated in the Report. They include:

- A) The PUD's developing Recreation Master Plan - completion status and the PUD's schedule for public input in drafting the plan
- B) Buffer Zone Management Plan 2020 Update - completion status and the PUD's schedule for accepting public input in drafting the plan

The Order directs: (6) a description of any closures of the 300 and/or 340 Roads during the year, including date(s) of closure, reasons for the closure, and a description of the advance notification given to the boating community for each occurrence. In addition, the first report must include a description of the type, placement location, key components, and operating and recording means of the electronic vehicle counting equipment installed at the Cooper Canyon Creek Take-out Site and verification that the installed equipment is capable of counting both 2-axle vehicles and 3-axle or more vehicle.

The PUD has not verified that the installed cameras are capable of counting the vehicles using the Copper Canyon Facility. In fact, the available evidence demonstrates the installed cameras do not reliably count the vehicles using the Copper Canyon Facility. After the PUD provides the full data set from both installed cameras, a complete evaluation can be made.

The PUD installed the Boat Ramp camera and the Uphill Camera in 2019. Both locations should be documented. Why did the PUD choose to discontinue maintenance of the Boat Ramp camera in July 2019, prior to downloading the photos in March 2020?

In conclusion, the foregoing discussion supports the following recommendations:

- A) The draft is clearly deficient and should be rejected.
- B) The draft needs to be rewritten to discuss the problems with data collection and the PUD's plan to address those problems.
- C) The draft needs to be rewritten to discuss the PUD's analysis methodology, and plan to correct for the under-reporting bias.
- D) The draft needs to be rewritten to include parking utilization percentages, as well as a discussion and examples of the calculations.
- E) The draft needs to be rewritten to include the PUD's specified calculation for determining if recreation plan updates are needed, as well as a discussion and documentation of the calculation.
- F) The draft needs to be rewritten to include meeting minutes from all meetings, and include minutes from the perspective of the recreation community.
- G) Needed maintenance should be promptly performed and not delayed. In addition, the draft needs to be rewritten to accurately reflect the poor condition of several components needing urgent maintenance.

Thank you,
Michael Deckert

Attached as separate file:
PUD's draft Recreation Monitoring Report dated March 27, 2020

Michael Deckert

(b) (6)

04/09/2020

Mr. Joe First
Generation Manager
Lewis County Public Utility District

RE: Lewis County Public Utility District (PUD) Budget Information for the Cowlitz Falls Project P-2833-00 and P-2833-108, Packwood Community Park, and Recreation Monitoring Report

Mr. Joe First:

I am requesting 2020, 2021, and 2022 budget information related to content in the Recreation Monitoring Report (the Report). This information is needed in preparation for the meeting PUD scheduled for three (3) days before the close of public comments on the draft Report.

I have found draft 2020 Cowlitz Falls Project Budget information for irrigation at the Packwood Community Park (which the District mis-states as a FERC requirement), but not information on the three facilities included in the Report, namely the Copper Canyon, Laydown Area, and North Shore Boat Ramp facilities.

Please provide the latest three year budget information, commensurate with the Packwood Community Park, for the Copper Canyon, Laydown Area, and North Shore boat ramp facilities.

Thank you,
Michael Deckert

Attached as separate files:
2020 draft Budget
2020 Packwood Park

Packwood Irrigation

2-08-545-020

Details	
GL	2-08-545-020
Year	2020
Category	Recreation (Campgrnd, Day Use, Packwood)
Item	Packwood Irrigation
Budget Amount	\$ 45,000
Timing	Budgeted for FY 2020.
Budget Year	FY 2020

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	

Packwood Ballfield is a FERC license requirement. Developing the irrigation system will provide additional recreation usage.

Draft 3 Dept	Account Description	Detail	GL	Year				
				2020	2021	2022		
CF	Project Reimbursement / Revenue	BPA Project Reimbursement	2-08-131-000	\$ (5,418,260)	\$ (7,396,160)	\$ (8,219,660)		
		BPA Project Reimbursement (Carry Over)	2-08-131-000	\$ (200,000)	\$ -	\$ -		
		Campground Revenue	2-08-454-100	\$ (100,000)	\$ (100,000)	\$ (100,000)		
		Interest Income	2-08-171-000	\$ (3,000)	\$ (3,000)	\$ (3,000)		
		Misc. Revenue	2-08-456-300	\$ (10,000)	\$ (10,000)	\$ (10,000)		
		Tacoma Fish Collector Reimbursement	2-08-537-050	\$ -	\$ -	\$ -		
A&G		Bank Fees	2-08-921-000	\$ 1,000	\$ 1,000	\$ 1,000		
		Communications Fiber - User Fee	2-08-921-000	\$ 6,000	\$ 6,000	\$ 6,000		
		County Taxes	2-08-921-000	\$ 1,000	\$ 1,000	\$ 1,000		
		Licenses & Permits	2-08-921-000	\$ 6,400	\$ 6,400	\$ 6,400		
		Misc	2-08-921-000	\$ 5,400	\$ 5,400	\$ 5,400		
		Office Supplies	2-08-921-000	\$ 8,000	\$ 8,000	\$ 8,000		
CFP - PROFESSIONAL SERVICES		Auditing	2-08-923-000	\$ 16,000	\$ 16,000	\$ 16,000		
		Computer Services Provided by E.S.	2-08-923-000	\$ 5,600	\$ 5,600	\$ 5,600		
		Engineering Consultants	2-08-923-000	\$ 25,000	\$ 65,000	\$ 65,000		
		Fire Districts	2-08-923-000	\$ 17,700	\$ 17,700	\$ 17,700		
		Labor Consultant	2-08-923-000	\$ 1,000	\$ 4,000	\$ 4,000		
		Legal Services (BIOp & FERC Issues)	2-08-923-000	\$ 21,200	\$ 24,200	\$ 24,200		
		Legal Services (General Issues)	2-08-923-000	\$ 20,000	\$ 20,000	\$ 20,000		
		Long Range Plan Analysis	2-08-923-000	\$ 75,000				
		NERC/WECC Standard TPL-007	2-08-923-000	\$ 35,000				
		Records Management	2-08-923-000	\$ -	\$ 45,000	\$ 45,000		
		Telephone Provided by E.S.	2-08-923-000	\$ 3,300	\$ 3,300	\$ 3,300		
		WECC & NERC Consultants	2-08-923-000	\$ 72,100	\$ 72,100	\$ 72,100		
		CFP-Fish & Wildlife		Cispus Fish Release Site Improvements	2-08-537-010	\$ 4,000		
				Creel Study	2-08-537-010	\$ 18,000		
Derby Site Enhancement	2-08-537-010			\$ -	\$ 24,000	\$ 12,000		
Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010			\$ 10,000	\$ 10,000	\$ 10,000		
Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010			\$ 8,400	\$ 8,700	\$ 9,000		
Kid's Trout Derby	2-08-537-010			\$ 5,000	\$ 5,200	\$ 5,400		
Mitigation Land	2-08-537-010			\$ 75,000	\$ 75,000	\$ 75,000		
Mitigation Trout Program	2-08-537-010			\$ 40,500	\$ 43,000	\$ 45,000		
Noxious Weed Control Contractor	2-08-537-010			\$ 8,800	\$ 9,000	\$ 9,300		
Electric Plant - Generation Only				230 kV Circuit Breaker Maintenance	2-08-544-000		\$ 45,000	
		5-Ton Bridge Crane	2-08-544-000		\$ 500,000			
		Diesel Generator Connection to Spillway Gates 2 & 3	2-08-544-000		\$ 14,000			
		Electrical Parts	2-08-544-000	\$ 12,000	\$ 18,000	\$ 18,000		
		Exciter Brush Dust Vacuum System	2-08-544-000		\$ 120,000			
		Generator Hatch Cover Seals & Drains	2-08-544-000		\$ 120,000			
		Generator Parameter Validation Testing	2-08-544-000		\$ 160,000			
		GSU Transformer Maintenance	2-08-544-000			\$ 45,000		
		Instrumentation Parts	2-08-544-000	\$ 8,000	\$ 14,000	\$ 14,000		
		Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400	\$ 5,400	\$ 5,400		
		Mechanical Contractors	2-08-544-000					
		Mechanical Parts	2-08-544-000	\$ 12,000	\$ 18,000	\$ 18,000		
		Protective Relay Testing	2-08-544-000	\$ 28,000				
		Scroll Case & Draft Tube Valves	2-08-544-000	\$ 15,000				
		South Well Pump	2-08-544-000		\$ 3,000			
		Transformer Oil Processing & Testing	2-08-544-000	\$ 1,000	\$ 1,000	\$ 1,000		
		Turbine Maintenance Seals	2-08-544-000		\$ 50,000			
		Turbine Shaft Seals	2-08-544-000			\$ 30,000		
		Endangered Species Act Requirements		2022 BiOp Studies	2-08-537-060			\$ 100,000
				Fishing Pond Exit Gate - Design	2-08-537-060		\$ 15,000	
Fishing Pond Exit Gate - Installation	2-08-537-060					\$ 45,000		
Habitat Enhancements & Fish Recovery Contract Services (WDFW)	2-08-537-060			\$ 10,000	\$ 10,000	\$ 10,000		
Man-Made Island Canal	2-08-537-060					\$ 50,000		
Insurance		Auto	2-08-924-000	\$ 6,000	\$ 6,000	\$ 6,000		
		Excess Liability Insurance	2-08-924-000	\$ 13,000	\$ 13,000	\$ 13,000		
		Liability Insurance	2-08-924-000	\$ 22,500	\$ 22,500	\$ 22,500		
		Property Insurance	2-08-924-000	\$ 225,000	\$ 225,000	\$ 225,000		
		Cooper Compliance Audit	2-08-928-000	\$ -	\$ -	\$ -		
License Compliance		FERC Fixed Fees	2-08-928-000	\$ 123,600	\$ 123,600	\$ 123,600		
		Port Blakely Easement	2-08-928-000	\$ 30,000	\$ 30,000	\$ 30,000		
		USGS Gauging Station Fees	2-08-928-000	\$ 43,300	\$ 43,300	\$ 43,300		
		WECC Fees	2-08-928-000	\$ 36,100	\$ 36,100	\$ 36,100		

Dept	Account Description	Detail	GL	2020	2021	2022
CF	Misc Expenses	CEATI Membership	2-08-539-000	\$ 36,000	\$ 36,000	\$ 36,000
		CF Project Telephones	2-08-539-000	\$ 7,000	\$ 7,000	\$ 7,000
		CFP Cell Phones	2-08-539-000	\$ 1,600	\$ 1,600	\$ 1,600
		Communications (Radios, etc.)	2-08-539-000	\$ 5,900	\$ 5,900	\$ 5,900
		Ecology Water Tax	2-08-539-000	\$ 7,500	\$ 7,500	\$ 7,500
		Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 10,900	\$ 11,200	\$ 11,500
		Garbage Service	2-08-539-000	\$ 2,200	\$ 2,300	\$ 2,400
		NHA Membership	2-08-539-000	\$ -	\$ 21,000	\$ 21,000
		NWHA Membership	2-08-539-000	\$ 800	\$ 800	\$ 800
		Operator Remote SCADA Communications	2-08-539-000	\$ 8,000	\$ 8,000	\$ 8,000
		Radio / Pager System Improvements	2-08-539-000	\$ 2,000	\$ 25,000	
		Security - Locks, Signs, etc.	2-08-539-000	\$ 1,500	\$ 3,000	\$ 3,000
		Security Assessment	2-08-539-000		\$ 85,000	
		Security Improvements	2-08-539-000	\$ -	\$ 50,000	\$ 50,000
		Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400	\$ 5,400	\$ 5,400
		Shelving & Furniture	2-08-539-000	\$ 2,000	\$ 2,000	\$ 2,000
		Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200	\$ 2,200	\$ 2,200
	Misc Hydraulic Plant	Inspections	2-08-545-000	\$ 2,200	\$ 2,200	\$ 2,200
		Buffer Zone Management	2-08-545-000	\$ 1,000	\$ 2,000	\$ 3,200
		Contract Crane Inspections	2-08-545-000	\$ 12,600	\$ 12,600	\$ 12,600
		Control Room / Office Area Repairs	2-08-545-000	\$ 40,000		
		Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 20,000	\$ 40,000	\$ 40,000
		Drainage Pump	2-08-545-000		\$ 20,000	
		Drainage System	2-08-545-000	\$ 3,000	\$ 3,000	\$ 3,000
		HVAC	2-08-545-000	\$ 3,200	\$ 3,200	\$ 3,200
		Lathe	2-08-545-000	\$ 7,000		
		Manuals, Major Tools, Safety Improvements	2-08-545-000	\$ 12,200	\$ 21,200	\$ 21,200
		New Office, WH, Shop Facility - Construction	2-08-545-000			\$ 1,800,000
		New Office, WH, Shop Facility - Design/Site Testing	2-08-545-000		\$ 230,000	
		North Rock Wall - Phase III (Construction Estimate)	2-08-545-000			\$ 500,000
		North Rock Wall - Phase III (Design Estimate)	2-08-545-000		\$ 40,000	
		North Rock Wall Scaling	2-08-545-000			\$ 75,000
		Plant Lighting	2-08-545-000	\$ 1,000	\$ 1,000	\$ 1,000
		Plant Water Wells & Testing	2-08-545-000	\$ 1,200	\$ 1,200	\$ 1,200
		Rentals	2-08-545-000	\$ -	\$ -	\$ -
		Road Fees	2-08-545-000	\$ 4,200	\$ 4,200	\$ 4,200
		Roadway Gates	2-08-545-000	\$ -	\$ -	\$ -
		Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 1,600	\$ 2,600	\$ 2,600
		Spillway Handrail & Guardrail	2-08-545-000		\$ 150,000	
		Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 10,000	\$ 20,000	\$ 20,000
		Warehouse Repairs	2-08-545-000	\$ 60,000		
	Office Supplies and Expenses	Document Management Software	2-08-921-002	\$ -	\$ -	
	Recreation (Campground, Day Use, Packwood)	Advertising	2-08-545-020	\$ 3,000	\$ 3,000	\$ 3,000
		Building Maintenance	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,200
		Campground Hosts	2-08-545-020	\$ 111,000	\$ 115,400	\$ 120,000
		Campground Internet	2-08-537-020	\$ 1,500		
		Campground Reservation Software	2-08-537-020	\$ 4,800	\$ 5,000	\$ 5,200
		Campground Telephone	2-08-537-020	\$ 1,300	\$ 1,300	\$ 1,300
		CCC T/O Site Parking	2-08-545-020		\$ 50,000	
		Contract Septic and Water Services	2-08-545-020	\$ 25,000	\$ 25,000	\$ 27,000
		Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 4,000	\$ 7,000	\$ 7,400
		Contract Services (Dock Installation and Removal)	2-08-545-020	\$ 2,500	\$ 2,500	\$ 2,500
		Contract Services (Sweeping)	2-08-545-020	\$ 8,000	\$ 8,000	\$ 8,500
		Day Use Park Handicap Fishing Access	2-08-545-020			\$ 40,000
		D-Loop Electrical Design & Feed Upgrades	2-08-545-020		\$ 30,000	
		Electric Utilities	2-08-537-020	\$ 6,000	\$ 6,200	\$ 6,400
		Fiber to Campground	2-08-545-020			\$ 50,000
		Garbage Service	2-08-537-020	\$ 6,000	\$ 6,200	\$ 6,400
		Ground Maintenance	2-08-545-020	\$ 2,200	\$ 3,200	\$ 3,200
		Noxious Weed Control	2-08-545-020	\$ 5,000	\$ 5,000	\$ 5,000
		Open/Close Packwood Gate	2-08-545-020	\$ 2,500	\$ 2,600	\$ 2,800
		Operation Supplies	2-08-537-020	\$ 2,200	\$ 2,200	\$ 2,200
		Packwood Irrigation	2-08-545-020	\$ 45,000		
		Park Equipment Repairs	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,200
		Portable Restrooms	2-08-537-020	\$ 2,100	\$ 2,200	\$ 2,300
		Potable Water and Septic System Testing	2-08-537-020	\$ 2,000	\$ 2,000	\$ 2,000

Dept	Account Description	Detail	GL	2020	2021	2022	
CF	Recreation (Campground, Day Use,	Recreation Assessment	2-08-545-020		\$ 75,000		
		Repairs & Supplies	2-08-537-020	\$ 8,200	\$ 9,000	\$ 10,000	
		Sewer & Water System Maintenance	2-08-545-020	\$ 4,400	\$ 6,400	\$ 6,400	
		Sign Repair	2-08-545-020	\$ 2,200	\$ 2,200	\$ 2,200	
		Tools & Equipment	2-08-545-020	\$ 2,000	\$ 3,000	\$ 3,000	
	Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	
		1D Sediment Transport Study	2-08-543-000		\$ 100,000		
		3D CAM	2-08-543-000		\$ 16,000		
		Automatic Transfer Switch Drawings	2-08-543-000	\$ 18,000			
		Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000	\$ 10,000	\$ 10,000	
		Contract Maintenance Elevator	2-08-543-000	\$ 14,800	\$ 15,000	\$ 15,200	
		Dam Instrumentation	2-08-543-000	\$ 4,000	\$ 8,000	\$ 8,000	
		Debris Barrier	2-08-543-000	\$ 6,000	\$ 1,000	\$ 1,000	
		Debris Barrier Cathodic Protection	2-08-543-000		\$ 75,000		
		Debris Barrier Cathodic Protection Design	2-08-543-000	\$ 30,000			
		Debris Barrier Coating	2-08-543-000		\$ 150,000		
		Debris Barrier Coating Design	2-08-543-000	\$ 25,000			
		Debris Barrier Corrosion Inhibitor	2-08-543-000		\$ 10,000		
		Debris Removal	2-08-543-000	\$ 1,000	\$ 1,000	\$ 6,400	
		Diving Services	2-08-543-000	\$ 12,000	\$ 12,500	\$ 13,000	
		Downstream Boat Ramp	2-08-543-000			\$ 150,000	
		Equipment Rental	2-08-543-000	\$ 18,900	\$ 22,000	\$ 22,000	
		Fiber to USGS Randle Gage	2-08-543-000			\$ 50,000	
		Gantry Crane Remote Control Drawings	2-08-543-000	\$ 35,000			
		Governor	2-08-543-000	\$ 1,000	\$ 4,000	\$ 1,000	
		Governor Selsyns	2-08-543-000	\$ 15,000			
		Log Bronc Maintenance	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	
		Maintenance Management System	2-08-543-000		\$ 100,000	\$ 20,000	
		Mechanical & Piping	2-08-543-000	\$ 6,600	\$ 10,600	\$ 10,600	
		Metal	2-08-543-000	\$ 6,000	\$ 12,000	\$ 12,000	
		Mobile Diesel Generator & Log Bronc Cover	2-08-543-000		\$ 25,000		
		Painting & Special Coatings	2-08-543-000	\$ 3,200	\$ 3,200	\$ 3,200	
		Plant Annunciator	2-08-543-000	\$ 40,000			
		Recoat Slot Covers	2-08-543-000			\$ 60,000	
		Replace Sluice Gate Bulkhead Seals	2-08-543-000			\$ 2,500	
		Replacement of Project SCADA	2-08-543-000	\$ 900,000			
		Sedimentation Recommendations Report	2-08-543-000		\$ 50,000		
		Seismic Study	2-08-543-000			\$ 150,000	
		Sluice Gate Replacement - CFD & Physical Model					
		Design	2-08-543-000		\$ 330,000	\$ 265,000	
		Sonar & Turbidity Sensors	2-08-543-000		\$ 150,000		
		Spillway Gate Finite Element Analysis	2-08-543-000		\$ 75,000		
		Spillway Gate Hoist Covers	2-08-543-000			\$ 120,000	
		Spillway Gates	2-08-543-000	\$ 3,000	\$ 5,000	\$ 5,000	
		Trunnion Friction Testing	2-08-543-000			\$ 65,000	
	Turbidity Sensor Communication	2-08-543-000	\$ 960	\$ 960	\$ 960		
	Welding/Machinery Services	2-08-543-000	\$ -				
	Supervision & Engineering - Non Labor	FERC Dam Movement Survey	2-08-535-002	\$ 8,400	\$ 8,400	\$ 8,400	
		Sedimentation Survey	2-08-535-002	\$ 5,200	\$ 5,200	\$ 5,200	
		Surveying	2-08-535-002	\$ -	\$ -	\$ -	
	Tacoma Fish	Materials	2-08-537-042	\$ -	\$ -	\$ -	
		Third Party Services	2-08-537-042	\$ -	\$ -	\$ -	
	Transmission Line	Line Maintenance	2-08-560-000	\$ -	\$ 2,200	\$ 2,200	
		ROW Maintenance	2-08-560-000	\$ 50,000	\$ 50,000	\$ 50,000	
		Transmission Line Corridor Planting	2-08-560-000	\$ 20,000	\$ 40,000	\$ 40,000	
	GENERAL	CFP WAGES	WAGES	2-00-926-999	\$ 1,269,900	\$ 1,308,000	\$ 1,347,200
		CFP WAGES - OVER TIME - BENEFITS	OT Benefits	2-00-926-999	\$ 7,800	\$ 8,100	\$ 8,300
		CFP WAGES - OVER TIME - STANDBY	STANDBY PAY	2-00-926-999	\$ 36,000	\$ 36,000	\$ 36,000
		CFP WAGES - OVER TIME - TAXES	OT Taxes	2-00-926-999	\$ 4,000	\$ 4,200	\$ 4,300
		CFP WAGES - OVER TIME - WAGES	OT Wages	2-00-926-999	\$ 52,200	\$ 53,800	\$ 55,400
		EMPLOYEE MEDICAL INSURANCE	Employee Medical Insurance	2-00-926-110	\$ 319,000	\$ 319,000	\$ 319,000
		ES SUPPORT OVERHEAD	ES SUPPORT OVERHEAD	2-00-926-999	\$ 268,200	\$ 276,200	\$ 284,500
		ES SUPPORT WAGES	ES SUPPORT WAGES	2-00-926-999	\$ 389,700	\$ 401,400	\$ 413,500
		Fixed Asset Clearing	Dump Trailer	2-00-392-012	\$ 7,000		
			Flatbed Trailer	2-00-392-012	\$ 3,000		
			Mower	2-00-392-012			\$ 22,000
			RT Fork Lift	2-00-392-012		\$ 70,000	

Dept	Account Description	Detail	GL	2020	2021	2022
GENERAL	Fixed Asset Clearing	Two Lift gates	2-00-392-012	\$ 7,000		
		Vehicle for Gen Superintendent	2-00-392-012	\$ 30,000		
		Vehicle for Operators	2-00-392-012	\$ 38,000		
	FLU SHOT CLINICS	FLU SHOT CLINICS	2-00-926-140	\$ 400	\$ 400	\$ 400
	Health, Welfare, Safety	Arc Flash Training	2-00-925-102	\$ 3,000		
		Confined Space Training	2-00-925-102		\$ 8,000	
		Fall Protection Training	2-00-925-102			\$ 8,000
		Rope Access Training	2-00-925-102	\$ 8,000	\$ 8,000	\$ 8,000
	L&I - Employer	L&I - Employer	2-00-926-400	\$ 15,600	\$ 15,600	\$ 15,600
	Long Term Disability	Long Term Disability	2-00-926-300	\$ 3,200	\$ 3,200	\$ 3,200
	Misc Expenses	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000	\$ 16,000	\$ 16,000
		CF Vehicle Maintenance	2-00-184-012	\$ 12,000	\$ 12,000	\$ 12,000
		CDL, medical exam, jury duty, SIKOS, SLB, Workers Comp., Temp SL, Vehicle Stipend, Military Leave and				
	MISC PENSION AND BENEFITS	Kept on Salary	2-00-926-000	\$ 5,000	\$ 5,000	\$ 5,000
	PCORI FEES	ACA Requirement	2-00-926-120	\$ 100	\$ -	\$ -
	PERS - Employer	PERS	2-00-926-200	\$ 156,900	\$ 156,900	\$ 156,900
	PL Cash Out	PL Cash Out	2-00-242-200	\$ 15,000	\$ 15,000	\$ 15,000
	RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	COBRA	2-00-926-100	\$ 20,000	\$ 20,000	\$ 20,000
	SHORT TERM DISABILITY(EMPLOYER)	Short Term Disability Benefit	2-00-926-700	\$ 2,000	\$ 2,000	\$ 2,000
	SOCIAL SECURITY MEDICARE	SOCIAL SECURITY MEDICARE	2-00-926-999	\$ 97,200	\$ 97,200	\$ 97,200
	Term Ins Benefit	Term Ins Benefit	2-00-926-300	\$ 1,200	\$ 1,200	\$ 1,200
	VEBA - Employer	VEBA Benefit	2-00-926-800	\$ 12,200	\$ 12,200	\$ 12,200
	VEBA CASHOUT	VEBA Cash Out	2-00-926-600	\$ 5,000	\$ 5,000	\$ 5,000
	WA Paid Family Medical Leave - Employer	Paid Family Leave Benefit	2-00-926-500	\$ 1,900	\$ 1,900	\$ 1,900
SPCF	SPCF - Structures - Non Labor	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300	\$ 1,300	\$ 1,300
	SPCF - A&G Training and Travel - Detail	American Fisheries Society Meeting	2-09-920-000	\$ 1,500	\$ 1,500	\$ 1,500
		American Governor Analog Gov Training	2-09-920-000		\$ 7,000	\$ 7,000
		AVO Circuit Breaker Maintenance	2-09-920-000		\$ 5,000	
		AVO Substation Maintenance I	2-09-920-000			\$ 5,000
		AVO Thermography I	2-09-920-000	\$ 5,000		
		AVO Thermography II	2-09-920-000		\$ 5,000	
		CEATI Annual Meeting	2-09-920-000	\$ 2,000	\$ 2,000	\$ 2,000
		CEATI DSIG Meeting	2-09-920-000	\$ 1,400	\$ 1,400	\$ 1,400
		CEATI HPLIG Meeting	2-09-920-000	\$ 1,400	\$ 1,400	\$ 1,400
		Computer Training	2-09-920-000	\$ 800	\$ 800	\$ 800
		EPTC Switching & Grounding	2-09-920-000	\$ 7,000	\$ 3,500	\$ 3,500
		EPTC Elect. Fundamentals	2-09-920-000	\$ 7,000	\$ 7,000	\$ 7,000
		EPTC Power Plant Operation	2-09-920-000	\$ 7,000	\$ 7,000	\$ 7,000
		EPTC Relay Protection	2-09-920-000	\$ 3,500	\$ 3,500	\$ 3,500
		HydroVision	2-09-920-000	\$ 2,000	\$ 2,000	\$ 2,000
		NW Hydro Forum	2-09-920-000	\$ 400	\$ 400	\$ 400
		NWHA Annual Meeting	2-09-920-000	\$ 500	\$ 500	\$ 500
		NWHA Workshop	2-09-920-000	\$ 600	\$ 600	\$ 600
		NWPPA Admin Asst. Training	2-09-920-000	\$ 2,400	\$ 2,400	\$ 2,400
		NWPPA Leadership Training	2-09-920-000	\$ 3,400	\$ 3,400	\$ 3,400
		Pesticide Application Training	2-09-920-000	\$ 800	\$ 800	\$ 800
		Records Training	2-09-920-000	\$ 700	\$ 700	\$ 700
		TPC Elect. Workshop	2-09-920-000	\$ 6,000	\$ 3,000	\$ 3,000
		TPC Frequency Drives Workshop	2-09-920-000			\$ 6,000
		Water / Wastewater Training	2-09-920-000	\$ 1,200	\$ 1,200	\$ 1,200
		WPUDA Admin Roundtable	2-09-920-000	\$ 600	\$ 600	\$ 300
		WPUDA Records Roundtable	2-09-920-000	\$ 300	\$ 300	\$ 300
	SPCF - Supplies & Expenses - Non Labor	Consumable First Aid Supplies	2-09-539-002	\$ 3,200	\$ 3,200	\$ 3,200
		Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400	\$ 5,400	\$ 5,400
		Fall Protection Equipment	2-09-539-002	\$ 1,500	\$ 1,500	\$ 1,500
		FR Clothing	2-09-539-002	\$ 8,000	\$ 8,000	\$ 8,000
		Rope Access Gear	2-09-539-002	\$ 1,500	\$ 1,500	\$ 1,500
		Small Tools	2-09-539-002	\$ 2,500	\$ 2,500	\$ 2,500
Grand Total				\$ -	\$ -	\$ -

Document Content(s)

2020_04_09.PDF.....1-1
CFP Detail FY 2020 2-08-545-020 Packwood Irrigation.PDF.....2-2
2019 08 29 CFP Draft Budget - BPA Detail.PDF.....3-6

		19-May	11-Jun	15-Jul	21-Aug	10-Sep	24-Sep
A&G Exhibit F	2-08-921-000		0	533,800	500,000	537,800	537,700
American Fisheries Society Meeting	2-09-921-002		1,500	1,500	1,500	1,500	1,500
Auditing	2-08-923-000		20,900	20,900	20,900	20,900	20,900
AVO Circuit Breaker Maintenance	2-09-921-002		5,000	5,000	5,000	2,400	2,400
AVO Thermography I	2-09-921-002		5,000	5,000	5,000	0	0
Bank Fees	2-08-921-000		1,000	1,000	1,000	1,000	1,000
CEATI Annual Meeting	2-09-921-002		2,200	2,200	2,200	2,200	2,200
CEATI DSI Meeting	2-09-921-002		1,400	1,400	1,400	0	0
CEATI HPLIG Meeting	2-09-921-002		1,400	1,400	1,400	0	0
CF Vehicle and Equipment Fuel	2-00-184-012		16,000	1,600	16,000	16,000	16,000
CF Vehicle Maintenance	2-00-184-012		12,000	12,000	12,000	12,000	12,000
Communication Services	2-08-923-000		3,300	3,300	3,300	3,300	3,300
Communications Fiber - User Fee	2-08-921-000		6,500	6,500	6,500	6,500	6,500
Computer Services	2-08-923-000		5,600	5,600	5,600	5,600	5,600
Computer Training	2-09-921-002		800	800	800	800	800
Confined Space Training	2-00-925-102		8,000	8,000	8,000	8,000	8,000
Consumable First Aid Supplies	2-09-539-002		3,200	3,200	3,200	3,200	3,200
Consumable Janitorial Supplies	2-09-542-002		1,300	1,300	1,300	1,300	1,300
Consumable Safety Supplies & PPE	2-09-539-002		5,400	5,400	5,400	5,400	5,400
Dam Safety Consultant	2-08-923-000		84,000	8,400	84,000	84,000	84,000
Engineering Consultants	2-08-923-000		65,000	6,500	65,000	65,000	65,000
EPTC Elect Fundamentals	2-09-921-002		7,000	7,000	7,000	0	0
Excess Liability Insurance	2-08-924-000		19,000	19,000	19,000	19,000	19,000
FERC Fixed Fees	2-08-928-000		65,000	65,000	65,000	65,000	65,000
Fire District Payment	2-08-923-000		19,000	1,900	19,000	19,000	19,000
HydroVision	2-09-921-002		2,000	2,000	2,000	2,000	2,000
Labor Consultant	2-08-923-000		1,000	1,000	1,000	1,000	1,000
Legal Services (BiOp & FERC Issues)	2-08-923-000		24,200	24,200	24,200	24,200	24,200
Legal Services (General Issues)	2-08-923-000		20,000	20,000	20,000	20,000	20,000
Liability Insurance	2-08-924-000		10,000	10,000	10,000	10,000	10,000
Licenses & Permits	2-08-921-000		6,400	6,400	6,400	6,400	6,400
Long Range Plan Analysis	2-08-923-000		50,000	50,000	50,000	50,000	50,000
Misc	2-08-921-000		5,400	5,400	5,400	5,400	5,400
NW Hydro Forum	2-09-921-002		400	400	400	400	400
NWHA Annual Meeting	2-09-921-002		500	500	500	500	500
NWHA Workshop	2-09-921-002		600	600	600	600	600
NWPPA Admin Asst Training	2-09-921-002		2,400	2,400	2,400	2,400	2,400
NWPPA Leadership Training	2-09-921-002		3,400	3,400	3,400	3,400	3,400
Office Supplies	2-08-921-000		9,000	9,000	9,000	9,000	9,000
Operator Training Development	2-09-921-002		45,000	4,500	45,000	4,500	45,000
Other (Insurance)	2-08-924-000		3,000	3,000	3,000	3,000	3,000

Pesticide Application Training	2-09-921-002		800	800	800	800	800
Port Blahely Easement	2-08-928-000		17,500	17,500	17,500	17,500	17,500
Project Analysis	2-08-923-000		130,000	130,000	130,000	20,000	20,000
Property Insurance	2-08-924-000		170,000	170,000	170,000	170,000	170,000
Records Training	2-09-921-002		700	700	700	700	700
Rope Access Training	2-00-925-102		8,000	8,000	8,000	8,000	8,000
Small Tools (General)							2,500
Small Tools & Equipment							
TPC Elec Workshop	2-09-921-002		6,000	6,000	6,000	0	0
TPC Frequency Drives Workshop	2-09-921-002		6,000	6,000	6,000	0	0
USGS Gauging Station Fees	2-08-928-000		40,600	40,600	40,600	40,600	40,600
Water / Wastewater Training	2-09-921-002		1,200	1,200	1,200	1,200	1,200
WECC & NERC Consultants	2-08-923-000		58,000	58,000	58,000	58,000	58,000
WPUDA Admin Roundtable	2-09-921-002		600	600	600	600	600
WPUDA Records Roundtable	2-09-921-002		300	300	300	300	300
1D Sediment Transport Study	2-08-543-000		100,000	100,000	100,000	100,000	100,000
230 kV Circuit Breaker Maintenance	2-08-544-000		45,000	45,000	45,000	45,000	45,000
5-Ton Bridge Crane	2-08-544-000		500,000	500,000	500,000	500,000	500,000
Advertising	2-08-537-020		7,000	7,000	7,000	3,000	3,000
Alternative Fishing Derby Site Development	2-08-537-010		0	0	75,000	50,000	50,000
AVR Testing	2-08-544-000		60,000	60,000	60,000	60,000	60,000
Buffer Zone Management	2-08-545-000		2,000	2,000	2,000	2,000	2,000
Building Maintenance	2-08-545-020		3,200	3,200	3,200	3,200	3,200
Campground Hosts	2-08-537-020		115,400	115,400	115,400	115,400	115,400
Campground Internet	2-08-537-020		3,000	3,000	3,000	3,000	3,000
Campground Reservation Software	2-08-537-020		5,000	5,000	5,000	5,000	5,000
Campground Telephone	2-08-537-020		1,300	1,300	1,300	1,300	1,300
CEATI Membership	2-08-539-000		36,000	36,000	36,000	36,000	36,000
CEATI Projects	2-08-539-000		15,000	15,000	15,000	15,000	15,000
CF Project Telephones	2-08-539-000		7,000	7,000	7,000	7,000	7,000
CFP Cell Phones	2-08-539-000		1,600	1,600	1,600	1,600	1,600
Communications (Radios, etc.)	2-08-539-000		5,900	5,900	5,900	5,900	5,900
Computer Software	2-08-545-000		2,000	2,000	2,000	2,000	2,000
Concrete Scanner	2-08-545-000		25,000	25,000	0	0	0
Contract Crane Inspections	2-08-545-000		12,600	12,600	12,600	12,600	12,600
Contract Diesel Generator Maintenance	2-08-543-000		10,000	10,000	10,000	10,000	10,000
Contract Maintenance Elevator	2-08-543-000		15,000	15,000	15,000	15,000	15,000
Contract Operators	2-08-543-000		250,000	250,000	70,000	70,000	70,000
Contract Septic and Water Services	2-08-537-020		25,000	25,000	25,000	2,500	25,000
Contract Services (Backhoe, Gravel)	2-08-545-020		7,000	7,000	7,000	7,000	7,000
Contract Services (Dock Installation and Removal)	2-08-545-020		2,500	2,500	2,500	2,500	2,500
Control Room / Office Area Repairs	2-08-545-000		40,000	40,000	0	40,000	40,000
Convert Engineering Drawings to AutoCAD	2-08-545-000		40,000	40,000	40,000	20,000	20,000

Cooling Water Valves	2-08-544-000		8,000	8,000	8,000	8,000	8,000
Copper Creek Take Out Site Parking	2-08-545-020		45,000	75,000	75,000	75,000	75,000
Creel Study	2-08-537-010		18,000	18,000	18,000	18,000	18,000
Dam Instrumentation	2-08-543-000		8,000	8,000	8,000	6,000	6,000
Debris Barrier Coating & Cathodic Protection - Construction	2-08-543-000		75,000	0	0	0	0
Debris Barrier Coating & Cathodic Protection - Design			150,000	160,000	160,000	160,000	160,000
Debris Barrier Corrosion Inhibitor	2-08-543-000		10,000	10,000	10,000	10,000	10,000
Debris Barrier Parts	2-08-543-000		1,000	1,000	1,000	1,000	1,000
Debris Removal	2-08-543-000		6,000	6,000	6,000	6,000	6,000
Derby Site Enhancement	2-08-537-010		30,000	30,000	30,000	0	0
Driving Services	2-08-543-000		12,500	12,500	12,500	12,500	12,500
D-Loop Electrical Design & Feed Replacements	2-08-545-020		30,000	30,000	0	0	0
Drainage Pump	2-08-545-000		20,000	20,000	0	0	0
Drainage System	2-08-545-000		3,000	3,000	3,000	3,000	3,000
Electric Utilities	2-08-537-020		6,200	6,200	6,200	6,200	6,200
Electric Utilities - Secondary Power Feed	2-08-539-000		11,200	11,200	11,200	11,200	11,200
Electrical Contractors	2-08-544-000		120,000	45,000	45,000	45,000	45,000
Electrical Parts	2-08-544-000		18,000	18,000	18,000	14,000	14,000
Equipment Rental	2-08-543-000		22,000	22,000	30,800	30,800	30,800
Exciter Brush Dust Vacuum System	2-08-544-000		120,000	120,000	120,000	0	0
Fall Protection Equipment	2-09-539-002		1,500	1,500	1,500	1,500	1,500
FERC Dam Movement Survey	2-08-535-002		8,400	8,400	8,400	8,400	8,400
Fish & Wildlife Contractor Services (RLC Consulting)	2-08-537-010		10,000	10,000	10,000	10,000	10,000
FR Clothing	2-09-539-002		8,000	8,000	8,000	8,000	8,000
Garbage Service (General)	2-08-537-020		6,200		6,200	6,200	2,500
Garbage Service (recreation)							6,200
Garbage Service (blank on 8/21) (7/15 - 8/500)	2-08-539-000			8,500	2,300	2,300	0
Garbage Service							
Generator Hatch Cover Seals & Drains	2-08-544-000		120,000	120,000	120,000	120,000	120,000
Generator Parameter Validation Testing	2-08-544-000		160,000	160,000	160,000	160,000	160,000
Governor	2-08-543-000		4,000	4,000	4,000	4,000	4,000
Governor 3D CAM	2-08-543-000		50,000	50,000	50,000	40,000	40,000
Ground Maintenance	2-08-545-020		3,200	3,200	3,200	3,200	3,200
Habitat & Fish Recovery Services (WDFW)	2-08-537-060		10,000	10,000	10,000	10,000	10,000
Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010		8,700	8,700	8,700	8,700	8,700
HVAC	2-08-545-000		3,200	3,200	3,200	3,200	3,200
Inspections	2-08-545-000		2,200	2,200	2,200	2,200	2,200
Instrumentation Parts	2-08-544-000		14,000	14,000	14,000	10,000	10,000
Kid's Trout Derby	2-08-537-010		5,200	5,200	5,200	5,200	5,200
Lathe	2-08-545-000		18,000	18,000	18,000	0	0
Log Bronze Maintenance	2-08-543-000		1,000	1,000	1,000	1,000	1,000
Maintenance Supplies for Electric Plant	2-08-544-000		5,400	5,400	5,400	5,400	5,400
Mechanical & Piping	2-08-543-000		10,600	10,600	10,600	9,000	9,000

Mechanical Contractors	2-08-544-000		80,000	45,000	45,000	45,000	45,000
Mechanical Parts	2-08-544-000		18,000	18,000	18,000	14,000	14,000
Metal	2-08-543-000		12,000	12,000	12,000	12,000	12,000
Mitigation Land			75,000	75,000	0	0	0
Mitigation Trout Program	1-08-537-010		43,000	43,000	43,000	43,000	43,000
Mobile Diesel Generator & Log Bronic Cover	2-08-543-000		25,000	25,000	0	0	0
New Facility - Analysis/Design/Site Testing	2-08-545-000		230,000	45,000	45,000	45,000	45,000
NHA Membership	2-08-539-000		21,000	21,000	0	0	0
Noxious Weed Control	2-08-545-020		5,000	5,000	5,000	5,000	5,000
Noxious Weed Control Contractor	2-08-537-010		9,000	9,000	9,000	9,000	9,000
NWHA Membership	2-08-539-000		800	800	800	800	800
Open / Close Packwood Gate	2-08-545-020		2,600	2,600	2,600	2,600	2,600
Operation Supplies	2-08-537-020		2,000	2,200	2,200	2,200	2,200
Operator Remote SCADA Communications	2-08-539-000		8,000	8,000	8,000	8,000	8,000
Painting & Special Coatings	2-08-543-000		3,200	3,200	3,200	3,200	3,200
Park Equipment Repairs	2-08-545-020		3,200	3,200	3,200	3,200	3,200
Plant Lighting	2-08-545-000		1,000	1,000	1,000	1,000	1,000
Plant Water Wells & Testings	2-08-545-000		1,200	1,200	1,200	1,200	1,200
Portable Restrooms	2-08-537-020		2,200	2,200	2,200	2,200	2,200
Portable Water and Septic System Testing	2-08-537-020		2,000	2,000	2,000	2,000	2,000
Radio / Pager System Improvements	2-08-539-000		25,000	25,000	25,000	25,000	25,000
Recreation Assessment	2-08-545-020		75,000	75,000	0	0	0
Repairs & Supplies	2-08-537-020		9,000	9,000	9,000	9,000	9,000
Rope Access Gear	2-09-539-002		1,500	1,500	1,500	1,500	1,500
ROW Maintenance	2-08-571-002		60,000	60,000	60,000	60,000	60,000
RT Fork Lift	2-09-392-012		70,000	70,000	0	0	0
Safety Improvements	2-08-545-000		5,000	5,000	5,000	5,000	5,000
SCADA Support	2-08-543-000		50,000	50,000	50,000	50,000	50,000
Security Assessment	2-08-539-000		85,000	85,000	85,000	85,000	85,000
Security Improvements	2-08-539-000		50,000	5,000	0	0	0
Security / Plant Locks	2-08-539-000		1,500	1,500	1,500	1,500	1,500
Sedimentation Report	2-08-543-000		50,000	50,000	50,000	0	0
Sedimentation Survey	2-08-535-002		5,200	5,200	5,200	5,200	5,200
Seismic Study	2-08-543-000		100,000	100,000	100,000	100,000	100,000
Server / Cameras / Office Machines / Computers	2-08-539-000		5,400	5,400	5,400	5,400	5,400
Service Air Compressor	2-08-543-000		1,000	1,000	1,000	1,000	1,000
Sewer & Water System Maintenance	2-08-545-020		6,400	64,000	6,400	6,400	6,400
Shelving & Furniture	2-08-539-000		2,000	2,000	2,000	2,000	2,000
Sign Replacements	2-08-545-020		2,200	2,200	2,200	2,200	2,200
Slice Gate Replacement - CFD & Physical Model Design	2-08-543-000		330,000	330,000	330,000	330,000	330,000
Small Tools	2-09-539-002		2,500	2,500	2,500	2,500	0
Smoke Detectors & Fire Water Systems	2-08-545-000		2,600	2,600	2,600	2,600	2,600
Sonar & Turbidity Sensors	2-08-543-000		150,000	150,000	150,000	150,000	150,000

South Well Pump	2-08-544-000		3,000	3,000	0	0	0
Spillway 4 Rail Extension - Alternative Analysis	2-08-543-000		0	45,000	45,000	45,000	45,000
Rail Extension Over Spillway 4			170,000	0	0		0
Spillway Gate Finite Element Analysis	2-08-543-000		75,000	75,000	0	0	0
Spillway Gates	2-08-543-000		5,000	5,000	5,000	5,000	5,000
Spillway Handrail & Guardrail	2-08-545-000		0	150,000	150,000	140,000	140,000
Structure Maintenance: Concrete, Fencing	2-08-545-000		20,000	20,000	20,000	20,000	20,000
Subscriptions, Prints, Copies and Maps	2-08-539-000		2,200	2,200	2,200	2,200	2,200
Temporary Offices	2-08-545-000		60,000	200,000	200,000	200,000	200,000
Tools & Equipment (General)	2-08-545-000		15,000	18,000	15,000	15,000	15,000
Tools & Equipment (recreation)	2-08-545-020					3,000	3,000
Transformer Oil Processing & Testing	2-08-544-000		30,000	30,000	30,000	1,000	1,000
Transmission Line Corridor Planting	2-08-571-002		40,000	40,000	10,000	10,000	10,000
Turbidity Sensor Communtion	2-08-543-000		1,000	1,000	1,000	1,000	1,000
Turbine Maintenance Seals	2-08-544-000		50,000	50,000	50,000	50,000	50,000
Warehouse Repairs	2-08-545-000		60,000	0	0	0	0
COBRA			20,000	0	0	0	0
Employee Medical Insurance	2-00-926-110		437,700	437,670	437,700	411,400	411,400
Employer PERS	2-00-926-200		198,800	157,058	135,700	131,400	131,400
ES Support Overhead	2-00-926-999		342,500	477,600	444,900	439,200	439,200
ES Support Wages	2-00-926-999		490,400	683,800	627,900	627,900	627,900
Flu Shot Clinics	2-00-926-140		400	400	400	400	400
L & I Employer	2-00-926-400		21,200	21,100	17,200	16,200	16,200
Long Term Disability	2-00-926-300		3,800	3,800	3,300	3,200	3,200
Misc Pension & Benefits, CDL, medical exam, etc	2-00-926-000		5,000	5,000	5,000	5,000	5,000
OT Benefits	2-00-926-999		8,200	8,200	7,000	7,000	7,000
OT Taxes	2-00-926-999		4,000	4,000	4,000	4,000	4,000
OT Wages	2-00-926-999		51,900	51,900	52,000	52,000	52,000
Paid Family Leave Benefit	2-00-926-500		26,002	2,500	2,200	2,100	2,100
PCORI ACA Requirement	2-00-926-120		100	100	100	100	100
PL Cash Out	2-00-242-200		15,000	15,000	15,000	15,000	15,000
Retiree / Corbra Med Ins - Premiums & Claims	2-00-926-100		0	20,000	20,000	20,000	20,000
Short Term Disability	2-00-926-700		2,000	2,000	2,000	2,000	2,000
Social Security Medicare	2-00-408-500		118,700	118,700	103,500	100,400	100,400
Standby Pay	2-00-926-999		37,100	37,100	37,100	3,700	37,100
Term Ins Benefit	2-00-926-300		1,500	1,400	1,400	1,400	1,400
VEBA Benefit	2-00-926-800		14,600	14,600	12,600	12,200	12,200
VEBA Cash Out	2-00-926-600		5,000	5,000	5,000	5,000	5,000
Wages	2-00-926-999		1,551,100	1,551,000	1,352,900	1,312,500	1,312,500
Wages - Capitalized	2-00-926-999					200,000	
Wages - Capitalized	2-00-926-999					-200,000	
County Taxes	2-08-921-000		700	700	700	700	700
Ecology Water Tax	2-08-539-000		7,500	7,500	7,500	7,500	7,500

Privilege Tax	2-00-408-200		56,900	56,900	-56,900	56,900	56,900
cost of debt financing	\$106,700						
2021 CFP Intercompany - Interest						-45,000	45,000
2021 CFP Intercompany - Principal						61,700	61,700
2021 Intercompany Proceeds						-1,632,300	-1,632,300
BPA Project Reimbursement	2-00-456-200		0	9,934,500	8,565,500	6,565,500	6,565,200
BPA Project Reimbursement (2019 Carry Over)	2-00-456-200		0	0	0		
Campground Revenue	2-00-417-000		75,000	75,000	75,000	75,000	75,000
Interest Income	2-00-419-000		4,000	4,000	4,000	4,000	4,000
Tacoma Fish Collector Reimbursement	2-08-537-050		0		0		
TOTALS			79,000	10,013,500	8,644,500	6,644,300	6,644,200
Wheeling (transmission)				723,000	723,000	746,000	746,000

BPA suggestions	October 9
	100,000
	1,500
	20,900
	2,400
	0
	1,000
	2,200
	0
	0
	16,000
	12,000
	3,300
	6,500
	5,600
	0
	8,000
	3,200
	1,300
	5,400
	84,000
	16,200
	0
	19,000
	65,000
	19,000
	2,000
	1,000
	24,200
	15,000
	10,000
	6,400
	50,000
	2,700
	400
	500
	600
	2,400
	3,400
	9,000
	45,000
	3,000

800
17,500
20,000
170,000
700
8,000
5,500
0
0
40,600
1,200
58,000
0
0
0
0
0
3,000
0
60,000
1,000
3,200
115,400
1,500
5,000
1,300
36,000
0
3,300
1,600
5,900
2,000
0
12,600
10,000
15,000
70,000
25,000
2,000
2,500
40,000
20,000

0
0
18,000
4,000
0
160,000
10,000
1,000
6,000
0
12,000
0
0
3,000
6,200
11,200
20,000
8,000
18,900
0
1,500
8,400
10,000
8,000
8,500
120,000
160,000
4,000
40,000
0
10,000
8,400
3,200
2,200
8,000
2,500
0
1,000
5,400
6,600

20,000	
8,000	
3,000	
0	
43,000	
0	
36,722	8278 reported paid out of FY 2021 funding, it wasn't
0	
5,000	
9,000	
800	
0	
2,200	
8,000	
3,200	
3,200	
1,000	
1,200	
2,100	
2,000	
0	
0	
8,200	
1,500	
50,000	
0	
5,000	
50,000	
85,000	
0	
1,500	
0	
2,700	
100,000	
5,400	
1,000	
4,400	
2,000	
2,200	
330,000	
1,600	
150,000	

From: Michelle Holmes

Sent: Thu Jun 11 16:32:11 2020

To: Carlson,Debbie (BPA) - PGAC-RICHLAND; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Todd,Wayne A (BPA) - PGA-6; Wellner,Michael T (BPA) - PGA-6; allen@vanderstoep.com; Doug Streeter CPA; Brad Ford

Cc: Chris Roden; Joe First

Subject: [EXTERNAL] BPA/LCPUD Meeting - Budget Documents

Importance: Normal

Attachments: 2023 Labor Budget - CFP Support Report Draft 2020 06 10.pdf; 2021 Labor Budget - CFP Direct Report Draft 2020 06 10.pdf; 2021 Labor Budget - CFP Support Report Draft 2020 06 10.pdf; 2022 Labor Budget - CFP Direct Report Draft 2020 06 10.pdf; 2022 Labor Budget - CFP Support Report Draft 2020 06 10.pdf; 2023 Labor Budget - CFP Direct Report Draft 2020 06 10.pdf; Draft 2021 CFP Budget ORR List.pdf; Draft 2021 CFP Budget.pdf

Please find attached the budget documents for tomorrow's meeting. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 345-1468 | e:michelleh@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 Support Labor Report

FY 2023	%	Wages	O/H	Wage & O/H
ACCT				
CFO	15%	\$ 25,381	\$ 17,729	\$43,110
Controller	13%	\$ 18,652	\$ 13,028	\$31,680
Financial Analyst	10%	\$ 9,566	\$ 6,682	\$16,248
Procurement and Risk Supervisor	15%	\$ 15,536	\$ 10,852	\$26,388
Purchasing Buyer	10%	\$ 9,354	\$ 6,534	\$15,887
Senior Accountant	10%	\$ 11,338	\$ 7,920	\$19,258
Staff Accountant I	15%	\$ 9,162	\$ 6,400	\$15,562
Staff Accountant II	5%	\$ 3,952	\$ 2,760	\$6,712
ADMIN				
Executive Assistant	5%	\$ 4,488	\$ 3,135	\$7,622
General Manager	25%	\$ 55,866	\$ 39,022	\$94,888
Public Affairs Manager	13%	\$ 13,561	\$ 9,472	\$23,033
ENG				
Electrical Engineer	2%	\$ 1,382	\$ 965	\$2,347
Engineering Manager	15%	\$ 26,804	\$ 18,723	\$45,527
GIS Analyst	1%	\$ 631	\$ 441	\$1,071
GIS Supervisor	2%	\$ 1,966	\$ 1,374	\$3,340
System Engineering Supervisor	2%	\$ 2,385	\$ 1,666	\$4,050
Utilities Specialist	2%	\$ 1,964	\$ 1,372	\$3,336
HR				
HR Generalist	15%	\$ 11,756	\$ 8,211	\$19,967
HR Manager	15%	\$ 21,709	\$ 15,164	\$36,873
HR Specialist	15%	\$ 13,562	\$ 9,473	\$23,034
IS				
Cyber Security Specialist	15%	\$ 12,442	\$ 8,691	\$21,132
IS & Telecom Manager	15%	\$ 21,846	\$ 15,260	\$37,106
IT Technician	50%	\$ 34,316	\$ 23,970	\$58,286
Network Supervisor	15%	\$ 16,273	\$ 11,367	\$27,640
Records Retention Specialist	50%	\$ 34,965	\$ 24,423	\$59,387
Sr. Database Administrator	15%	\$ 16,605	\$ 11,599	\$28,204
OPS				
Line Superintendent	4%	\$ 10,367	\$ 7,241	\$17,608
Mechanic	3%	\$ 6,050	\$ 4,226	\$10,276
Mechanic Foreman	3%	\$ 2,765	\$ 1,932	\$4,697
Operations Admin. Asst.	3%	\$ 3,112	\$ 2,174	\$5,285
Operations Manager	2%	\$ 3,258	\$ 2,276	\$5,533
Operations Superintendent	2%	\$ 2,482	\$ 1,734	\$4,216
Safety and Meter Superintendent	20%	\$ 24,820	\$ 17,337	\$42,156
Tree Supervisor	2%	\$ 1,568	\$ 1,095	\$2,664
PP/ES				
Manager of Power Planning	13%	\$ 23,664	\$ 16,529	\$40,194
Power Supply/Energy Services Analyst	3%	\$ 2,948	\$ 2,059	\$5,008
Grand Total		\$ 476,496	\$ 332,832	\$809,328

Cowlitz Falls Direct Labor Report

FY 2021	Positions	Wages	Benefits	Taxes	Total Cost
CF					
CF Admin. Assistant	1	\$ 66,420	\$ 45,369	\$ 5,081	\$ 116,870
CF Biologist	1	\$ 80,818	\$ 40,443	\$ 6,183	\$ 127,444
Generation Manager	1	\$ 145,112	\$ 48,419	\$ 11,101	\$ 204,632
Generation Superintendent	2	\$ 249,729	\$ 108,317	\$ 19,104	\$ 377,150
Hydro Engineer / Project Manager	1	\$ 95,706	\$ 42,682	\$ 7,322	\$ 145,709
Journeyman Operator-Maintenance	4	\$ 420,511	\$ 211,534	\$ 32,169	\$ 664,214
Part Time Records	1	\$ 40,900	\$ 163	\$ 3,129	\$ 44,192
Recreation & Wildlife Supervisor	1	\$ 106,340	\$ 42,588	\$ 8,135	\$ 157,063
Resource Worker	1	\$ 84,221	\$ 40,954	\$ 6,443	\$ 131,619
Resource Worker - Lead	1	\$ 92,516	\$ 42,202	\$ 7,077	\$ 141,795
Sr. Journeyman Operator-Maintenance	1	\$ 118,271	\$ 54,860	\$ 9,048	\$ 182,179
Summer Seasonal	4	\$ 50,479	\$ 2,326	\$ 3,862	\$ 56,666
Grand Total		\$ 1,551,023	\$ 679,856	\$ 118,653	\$ 2,349,532

Cowlitz Falls Support Labor Report					
	FY 2021	%	Wages	O/H	Wage & O/H
ACCT					
CFO		15%	\$ 23,923	\$ 16,710	\$40,634
Controller		13%	\$ 17,581	\$ 12,280	\$29,861
Financial Analyst		10%	\$ 9,018	\$ 6,299	\$15,316
Procurement and Risk Supervisor		15%	\$ 14,643	\$ 10,228	\$24,871
Purchasing Buyer		10%	\$ 8,818	\$ 6,159	\$14,977
Senior Accountant		10%	\$ 10,687	\$ 7,465	\$18,152
Staff Accountant I		15%	\$ 8,636	\$ 6,032	\$14,668
Staff Accountant II		5%	\$ 3,725	\$ 2,602	\$6,327
ADMIN					
Executive Assistant		5%	\$ 4,230	\$ 2,955	\$7,185
General Manager		25%	\$ 52,660	\$ 36,783	\$89,442
Public Affairs Manager		13%	\$ 12,782	\$ 8,928	\$21,710
ENG					
Engineering Manager		15%	\$ 25,266	\$ 17,649	\$42,915
GIS Analyst		1%	\$ 595	\$ 415	\$1,010
GIS Supervisor		2%	\$ 1,854	\$ 1,295	\$3,149
System Engineering Supervisor		2%	\$ 2,248	\$ 1,570	\$3,818
Utilities Specialist		1%	\$ 926	\$ 647	\$1,572
HR					
HR Generalist		15%	\$ 11,080	\$ 7,739	\$18,819
HR Manager		15%	\$ 20,462	\$ 14,293	\$34,755
HR Specialist		15%	\$ 12,783	\$ 8,929	\$21,712
IS					
IS & Telecom Manager		25%	\$ 34,321	\$ 23,973	\$58,295
IT Technician		50%	\$ 32,349	\$ 22,596	\$54,944
Network Supervisor		20%	\$ 20,451	\$ 14,285	\$34,737
Records Retention Specialist		70%	\$ 46,137	\$ 32,226	\$78,363
Sr. Database Administrator		20%	\$ 20,868	\$ 14,576	\$35,445
OPS					
Line Superintendent		4%	\$ 9,772	\$ 6,826	\$16,598
Mechanic		3%	\$ 5,703	\$ 3,983	\$9,686
Mechanic Foreman		3%	\$ 3,208	\$ 2,241	\$5,449
Operations Admin. Asst.		2%	\$ 2,101	\$ 1,467	\$3,568
Operations Manager		2%	\$ 3,071	\$ 2,145	\$5,216
Operations Superintendent		2%	\$ 2,339	\$ 1,634	\$3,974
Safety and Meter Superintendent		20%	\$ 23,395	\$ 16,341	\$39,736
Tree Supervisor		1%	\$ 739	\$ 516	\$1,255
PP/ES					
Manager of Power Planning		13%	\$ 22,307	\$ 15,581	\$37,888
Power Supply/Energy Services Analyst		3%	\$ 2,779	\$ 1,941	\$4,720
Grand Total			\$ 471,455	\$ 329,311	\$800,766

Cowlitz Falls Direct Labor Report

<u>FY 2021</u>	<u>Positions</u>	<u>Wages</u>	<u>Benefits</u>	<u>Taxes</u>	<u>Total Cost</u>
CF					
CF Admin. Assistant	1	\$ 68,419	\$ 46,018	\$ 5,234	\$ 119,671
CF Biologist	1	\$ 80,818	\$ 41,308	\$ 6,183	\$ 128,309
Generation Manager	1	\$ 149,472	\$ 50,279	\$ 11,435	\$ 211,185
Generation Superintendent	2	\$ 257,215	\$ 111,076	\$ 19,677	\$ 387,968
Hydro Engineer / Project Manager	1	\$ 95,706	\$ 43,663	\$ 7,322	\$ 146,690
Journeyman Operator-Maintenance	4	\$ 433,102	\$ 216,838	\$ 33,132	\$ 683,072
Part Time Records	1	\$ 40,900	\$ 170	\$ 3,129	\$ 44,198
Recreation & Wildlife Supervisor	1	\$ 109,530	\$ 43,962	\$ 8,379	\$ 161,871
Resource Worker	1	\$ 86,752	\$ 42,246	\$ 6,637	\$ 135,635
Resource Worker - Lead	1	\$ 95,302	\$ 43,599	\$ 7,291	\$ 146,191
Sr. Journeyman Operator-Maintenance	1	\$ 121,823	\$ 56,352	\$ 9,319	\$ 187,495
Summer Seasonal	4	\$ 52,000	\$ 2,561	\$ 3,978	\$ 58,539
Project Engineer	1	\$ 95,706	\$ 52,221	\$ 7,322	\$ 155,249
Utility / Warehouseman	1	\$ 74,438	\$ 48,858	\$ 5,695	\$ 128,990
Grand Total		\$ 1,761,183	\$ 799,151	\$ 134,731	\$ 2,695,065

Cowlitz Falls Support Labor Report					
	FY 2022	%	Wages	O/H	Wage & O/H
ACCT					
CFO	15%	\$ 24,641	\$ 17,212		\$41,853
Controller	13%	\$ 18,107	\$ 12,648		\$30,755
Financial Analyst	10%	\$ 9,288	\$ 6,487		\$15,775
Procurement and Risk Supervisor	15%	\$ 15,083	\$ 10,536		\$25,619
Purchasing Buyer	10%	\$ 9,081	\$ 6,343		\$15,425
Senior Accountant	10%	\$ 11,008	\$ 7,689		\$18,698
Staff Accountant I	15%	\$ 8,894	\$ 6,213		\$15,107
Staff Accountant II	5%	\$ 3,837	\$ 2,680		\$6,517
ADMIN					
Executive Assistant	5%	\$ 4,357	\$ 3,043		\$7,400
General Manager	25%	\$ 54,239	\$ 37,886		\$92,124
Public Affairs Manager	13%	\$ 13,165	\$ 9,196		\$22,361
ENG					
Electrical Engineer	2%	\$ 1,285	\$ 898		\$2,183
Engineering Manager	15%	\$ 26,026	\$ 18,179		\$44,205
GIS Analyst	1%	\$ 612	\$ 428		\$1,040
GIS Supervisor	2%	\$ 1,909	\$ 1,334		\$3,243
System Engineering Supervisor	2%	\$ 2,315	\$ 1,617		\$3,932
Utilities Specialist	2%	\$ 1,907	\$ 1,332		\$3,240
HR					
HR Generalist	15%	\$ 11,411	\$ 7,971		\$19,382
HR Manager	15%	\$ 21,074	\$ 14,721		\$35,795
HR Specialist	15%	\$ 13,166	\$ 9,196		\$22,362
IS					
Cyber Security Specialist	15%	\$ 11,804	\$ 8,245		\$20,049
IS & Telecom Manager	15%	\$ 21,212	\$ 14,816		\$36,028
IT Technician	50%	\$ 33,316	\$ 23,271		\$56,588
Network Supervisor	15%	\$ 15,798	\$ 11,035		\$26,833
Records Retention Specialist	50%	\$ 33,944	\$ 23,710		\$57,653
Sr. Database Administrator	15%	\$ 16,120	\$ 11,260		\$27,380
OPS					
Line Superintendent	4%	\$ 10,065	\$ 7,031		\$17,096
Mechanic	3%	\$ 5,874	\$ 4,103		\$9,977
Mechanic Foreman	3%	\$ 3,304	\$ 2,308		\$5,613
Operations Admin. Asst.	3%	\$ 2,943	\$ 2,056		\$4,999
Operations Manager	2%	\$ 3,163	\$ 2,209		\$5,372
Operations Superintendent	2%	\$ 2,410	\$ 1,683		\$4,093
Safety and Meter Superintendent	20%	\$ 24,097	\$ 16,832		\$40,928
Tree Supervisor	2%	\$ 1,523	\$ 1,064		\$2,586
PP/ES					
Manager of Power Planning	13%	\$ 22,976	\$ 16,049		\$39,024
Power Supply/Energy Services Analyst	3%	\$ 2,863	\$ 2,000		\$4,862
Grand Total		\$ 462,818	\$ 323,278		\$786,096

Cowlitz Falls Direct Labor Report

<u>FY 2021</u>	<u>Positions</u>	<u>Wages</u>	<u>Benefits</u>	<u>Taxes</u>	<u>Total Cost</u>
CF					
CF Admin. Assistant	1	\$ 70,461	\$ 47,591	\$ 5,390	\$ 123,442
CF Biologist	1	\$ 89,326	\$ 44,094	\$ 6,833	\$ 140,253
Generation Manager	1	\$ 153,959	\$ 52,720	\$ 11,778	\$ 218,457
Generation Superintendent	2	\$ 264,935	\$ 115,765	\$ 20,268	\$ 400,968
Hydro Engineer / Project Manager	1	\$ 99,960	\$ 45,859	\$ 7,647	\$ 153,465
Journeyman Operator-Maintenance	4	\$ 446,118	\$ 226,036	\$ 34,128	\$ 706,281
Part Time Records	1	\$ 40,900	\$ 177	\$ 3,129	\$ 44,206
Recreation & Wildlife Supervisor	1	\$ 112,827	\$ 45,893	\$ 8,631	\$ 167,351
Resource Worker	1	\$ 89,347	\$ 44,097	\$ 6,835	\$ 140,279
Resource Worker - Lead	1	\$ 98,152	\$ 45,558	\$ 7,509	\$ 151,219
Sr. Journeyman Operator-Maintenance	1	\$ 125,481	\$ 58,825	\$ 9,599	\$ 193,905
Summer Seasonal	4	\$ 53,546	\$ 2,820	\$ 4,096	\$ 60,463
Project Engineer	1	\$ 99,960	\$ 54,589	\$ 7,647	\$ 162,195
Utility / Warehouseman	1	\$ 78,692	\$ 51,059	\$ 6,020	\$ 135,770
Grand Total		\$ 1,823,662	\$ 835,080	\$ 139,510	\$ 2,798,253

Account Description	Detail	GL	Asset Category	Year				
				2021	2022	2023	2024	2025
Electric Plant - Generation Only	5-Ton Bridge Crane	2-08-544-000	OR&R	\$ 500,000				
Electric Plant - Generation Only	Battery Bank Replacement	2-08-544-000	OR&R				\$ 80,000	
Electric Plant - Generation Only	Exciter Brush Dust Vacuum System	2-08-544-000	OR&R	\$ 120,000				
Electric Plant - Generation Only	Exciter Replacement	2-08-544-000	OR&R				\$ 125,000	\$ 500,000
Electric Plant - Generation Only	Generator Cooling Water Refurbishment	2-08-544-000	OR&R				\$ 78,000	
Electric Plant - Generation Only	Generator Hatch Cover Seals & Drains	2-08-544-000	OR&R	\$ 120,000				
Electric Plant - Generation Only	Generator Protective Relay Replacement	2-08-544-000	OR&R				\$ 150,000	
Electric Plant - Generation Only	Revenue Meters	2-08-544-000	OR&R		\$ 24,000			
Electric Plant - Generation Only	South Well Pump	2-08-544-000	OR&R	\$ 3,000				
Electric Plant - Generation Only	Turbine Shaft Seals	2-08-544-000	OR&R		\$ 30,000			
ESA Requirements	Man-Made Island Canal	2-08-537-060	OR&R		\$ 50,000			
Fish & Wildlife	Derby Site Enhancement	2-08-537-010	OR&R	\$ 30,000	\$ 30,000			
Fish & Wildlife	Mitigation Land	2-08-537-010	OR&R	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Fixed Asset Clearing	Mower	2-00-392-012	OR&R		\$ 22,000			
Fixed Asset Clearing	RT Fork Lift	2-00-392-012	OR&R	\$ 70,000				
Fixed Asset Clearing	Side By Side	2-00-392-012	OR&R			\$ 30,000	\$ 30,000	
Fixed Asset Clearing	Vehicle for Gen Superintendent	2-00-392-012	OR&R		\$ 40,000			
Fixed Asset Clearing	Vehicle for Resource Worker	2-00-392-012	OR&R			\$ 42,000		
Misc Expenses	Communications (Radios, etc.)	2-08-539-000	OR&R	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	OR&R	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Misc Hydraulic Plant	Concrete Scanner	2-08-545-000	OR&R	\$ 25,000				
Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	OR&R	\$ 40,000				
Misc Hydraulic Plant	Lathe	2-08-545-000	OR&R	\$ 18,000				
Misc Hydraulic Plant	New Office, WH, Shop Facility - Construction	2-08-545-000	OR&R		\$ 1,800,000			
Misc Hydraulic Plant	New Office, WH, Shop Facility - Design/Site Testing	2-08-545-000	OR&R	\$ 230,000				
Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	OR&R	\$ 150,000				
Misc Hydraulic Plant	Warehouse Repairs	2-08-545-000	OR&R	\$ 60,000				
Recreation	Campground A Loop Restroom	2-08-545-020	OR&R			\$ 150,000		
Resv., Dams & Waterways	Boat Barrier Replacement	2-08-543-000	OR&R			\$ 120,000		
Resv., Dams & Waterways	Debris Barrier Cathodic Protection	2-08-543-000	OR&R	\$ 75,000				
Resv., Dams & Waterways	Debris Barrier Coating	2-08-543-000	OR&R	\$ 150,000				
Resv., Dams & Waterways	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000	OR&R		\$ 14,000			
Resv., Dams & Waterways	Downstream Boat Ramp	2-08-543-000	OR&R		\$ 250,000			
Resv., Dams & Waterways	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000	OR&R					\$ 150,000
Resv., Dams & Waterways	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	OR&R	\$ 25,000				
Resv., Dams & Waterways	Rail Extension Over Spillway 4	2-08-543-000	OR&R	\$ 170,000	\$ 525,000	\$ 1,082,000		
Resv., Dams & Waterways	Recoat Slot Covers	2-08-543-000	OR&R		\$ 60,000			
Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	OR&R	\$ 1,000	\$ 1,000			
Resv., Dams & Waterways	Sluice Gate Construction	2-08-543-000	OR&R			\$ 2,600,000	\$ 5,356,000	
Resv., Dams & Waterways	Sluice Gate Design	2-08-543-000	OR&R		\$ 835,000			
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	OR&R	\$ 330,000	\$ 511,000			
Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	OR&R	\$ 150,000				
Resv., Dams & Waterways	Spillway Gate Control	2-08-543-000	OR&R				\$ 200,000	
Resv., Dams & Waterways	Spillway Gate Finite Element Analysis	2-08-543-000	OR&R	\$ 75,000				
Resv., Dams & Waterways	Spillway Gate Hoist Covers	2-08-543-000	OR&R		\$ 120,000			
Resv., Dams & Waterways	Tailrace Repairs & Improvements - Design	2-08-543-000	OR&R					\$ 175,000
Resv., Dams & Waterways	Trash Rake Construction	2-08-543-000	OR&R			\$ 1,770,000		
Resv., Dams & Waterways	Trash Rake Design	2-08-543-000	OR&R		\$ 191,000			
Grand Total				\$ 2,428,300	\$ 4,589,300	\$ 5,880,500	\$ 6,105,500	\$ 911,500

Account Description	Detail	GL	Year				
			2021	2022	2023	2024	2025
Project Reimbursement / Revenue	BPA Project Reimbursement	2-00-456-200	\$ -	\$ -	\$ -	\$ -	\$ -
	BPA Project Reimbursement (Carry Over)	2-00-456-200	\$ -	\$ -	\$ -	\$ -	\$ -
	Camground Revenue	2-00-417-000	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
	Interest Income	2-00-419-000	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
	Misc. Revenue	2-00-456-300	\$ -	\$ -	\$ -	\$ -	\$ -
	Tacoma Fish Collector Reimbursement	2-08-537-050	\$ -	\$ -	\$ -	\$ -	\$ -
A&G	Bank Fees	2-08-921-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Communications Fiber - User Fee	2-08-921-000	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
	County Taxes	2-08-921-000	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
	Licenses & Permits	2-08-921-000	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
	Misc	2-08-921-000	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
	Office Supplies	2-08-921-000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
CFP WAGES - OVER TIME - BENEFITS	OT BENEFITS	2-00-926-999	\$ 8,200	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200
CFP WAGES - OVER TIME - STANDBY	Standby Pay	2-00-926-999	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
CFP WAGES - OVER TIME - TAXES	OT TAXES	2-00-926-999	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
CFP WAGES - OVER TIME - WAGES	OT Wages	2-00-926-999	\$ 51,900	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Electric Plant - Generation Only	230 kV Circuit Breaker Maintenance	2-08-544-000	\$ 45,000				
	5-Ton Bridge Crane	2-08-544-000	\$ 500,000				
	AVR Testing	2-08-544-000	\$ 60,000				
	Battery Bank Replacement	2-08-544-000				\$ 80,000	
	Cooling Water Valves	2-08-544-000	\$ 8,000				
	Electrical Contractors	2-08-544-000	\$ 120,000	\$ 80,000			
	Electrical Parts	2-08-544-000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
	Exciter Brush Dust Vacuum System	2-08-544-000	\$ 120,000				
	Exciter Replacement	2-08-544-000				\$ 125,000	\$ 500,000
	Generator Cooling Water Refurbishment	2-08-544-000				\$ 78,000	
	Generator Hatch Cover Seals & Drains	2-08-544-000	\$ 120,000				
	Generator Parameter Validation Testing	2-08-544-000	\$ 160,000				
	Generator Protective Relay Replacement	2-08-544-000				\$ 150,000	
	GSU Transformer Maintenance	2-08-544-000		\$ 45,000			
	Instrumentation Parts	2-08-544-000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
	Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
	Mechanical Contractors	2-08-544-000	\$ 80,000				
	Mechanical Parts	2-08-544-000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
	Protective Relay Testing	2-08-544-000					\$ 55,000
	Revenue Meters	2-08-544-000		\$ 24,000			
	South Well Pump	2-08-544-000	\$ 3,000				
	Transformer Oil Processing & Testing	2-08-544-000	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Turbine Maintenance Seals	2-08-544-000	\$ 50,000				
	Turbine Shaft Seals	2-08-544-000		\$ 30,000			
EMPLOYEE MEDICAL INSURANCE	Employee Medical Insurance	2-00-926-110	\$ 437,700	\$ 506,100	\$ 516,300	\$ 531,800	\$ 547,800
FLU SHOT CLINICS	FLU SHOT CLINICS	2-00-926-140	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
Health, Welfare, Safety	Arc Flash Training	2-00-925-102			\$ 3,000		
	Confined Space Training	2-00-925-102	\$ 8,000				
	Fall Protection Training	2-00-925-102		\$ 8,000			
	Rope Access Training	2-00-925-102	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Insurance	Excess Liability Insurance	2-08-924-000	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
	Liability Insurance	2-08-924-000	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
	Other	2-08-924-000	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
	Property Insurance	2-08-924-000	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
L&I - Employer	L&I - Employer	2-00-926-400	\$ 21,200	\$ 27,400	\$ 30,000	\$ 30,900	\$ 31,900
License Compliance	Cooper Compliance Audit	2-08-928-000	\$ -	\$ -	\$ -	\$ -	\$ -
	FERC Fixed Fees	2-08-928-000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
	Port Blakely Easement	2-08-928-000	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
	USGS Gauging Station Fees	2-08-928-000	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600
	WECC Fees	2-08-928-000	\$ -	\$ -	\$ -	\$ -	\$ -
Long Term Disability	Long Term Disability	2-00-926-300	\$ 3,800	\$ 4,500	\$ 4,800	\$ 5,000	\$ 5,100
Misc Expenses	CEATI Membership	2-08-539-000	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
	CEATI Projects	2-08-539-000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
	CF Project Telephones	2-08-539-000	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
	CF Vehicle Maintenance	2-00-184-012	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
	CFP Cell Phones	2-08-539-000	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
	Communications (Radios, etc.)	2-08-539-000	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
	Ecology Water Tax	2-08-539-000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
	Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400
	Garbage Service	2-08-539-000	\$ 2,300	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500
	NHA Membership	2-08-539-000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
	NWHA Membership	2-08-539-000	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
	Operator Remote SCADA Communications	2-08-539-000	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
	Radio / Pager System Improvements	2-08-539-000	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	Security Assessment	2-08-539-000	\$ 85,000				

Account Description	Detail	GL	2021	2022	2023	2024	2025
Misc Expenses	Security Improvements	2-08-539-000		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	Security/Plant Locks	2-08-539-000	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
	Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
	Shelving & Furniture	2-08-539-000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
Misc Hydraulic Plant	Buffer Zone Management	2-08-545-000	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
	Computer Software	2-08-545-000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	Concrete Scanner	2-08-545-000	\$ 25,000				
	Contract Crane Inspections	2-08-545-000	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
	Control Room / Office Area Repairs	2-08-545-000	\$ 40,000				
	Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
	Drainage Pump	2-08-545-000	\$ 20,000				
	Drainage Sump Study	2-08-545-000		\$ 35,000			
	Drainage System	2-08-545-000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
	HVAC	2-08-545-000	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
	HVAC Replacement Office Area	2-08-545-000					\$ 20,000
	Inspections	2-08-545-000	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
	Lathe	2-08-545-000	\$ 18,000				
	Maintenance Management System	2-08-545-000			\$ 200,000	\$ 30,000	\$ 30,000
	Manuals, Major Tools, Safety Improvements	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ -
	New Office, WH, Shop Facility - Construction	2-08-545-000		\$ 1,800,000			
	New Office, WH, Shop Facility - Design/Site Testing	2-08-545-000	\$ 230,000				
	North Rock Wall Scaling	2-08-545-000		\$ 75,000			
	Plant Lighting	2-08-545-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Plant Water Wells & Testing	2-08-545-000	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
	Rentals	2-08-545-000	\$ -	\$ -	\$ -	\$ -	\$ -
	Roadway Gates	2-08-545-000	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
	Safety Improvements	2-08-545-000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
	Service Water VFD & Controls Replacement	2-08-545-000		\$ 16,000			
	Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
	Spillway Handrail & Guardrail	2-08-545-000	\$ 150,000				
	Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	Temporary Offices	2-08-545-000	\$ 60,000	\$ 60,000			
	Tools & Equipment	2-08-545-000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
	Warehouse Repairs	2-08-545-000	\$ 60,000				
MISC PENSION AND BENEFITS	CDL, medical exam, jury duty, etc	2-00-926-000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Office Supplies and Expenses	Document Management Software	2-08-921-002	\$ -	\$ -	\$ -	\$ -	\$ -
PCORI FEES	ACA Requirement	2-00-926-120	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
PERS - Employer	PERS	2-00-926-200	\$ 198,800	\$ 239,800	\$ 261,700	\$ 269,600	\$ 277,700
PL Cash Out	PL Cash Out	2-00-242-200	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Resv., Dams & Waterways	1D Sediment Transport Study	2-08-543-000	\$ 100,000				
	Boat Barrier Replacement	2-08-543-000		\$ 120,000			
	Bridge Inspection & Analysis	2-08-543-000		\$ 106,000			
	Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
	Contract Maintenance Elevator	2-08-543-000	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
	Contract Operators	2-08-543-000	\$ 250,000				
	Dam Instrumentation	2-08-543-000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
	Debris Barrier	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Debris Barrier Cathodic Protection	2-08-543-000	\$ 75,000				
	Debris Barrier Coating	2-08-543-000	\$ 150,000				
	Debris Barrier Corrosion Inhibitor	2-08-543-000	\$ 10,000		\$ 10,000		\$ 10,000
	Debris Removal	2-08-543-000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
	Debris Removal Plan & Design	2-08-543-000		\$ 125,000			
	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000		\$ 14,000			
	Diving Services	2-08-543-000	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
	Downstream Boat Ramp	2-08-543-000		\$ 250,000			
	Equipment Rental	2-08-543-000	\$ 22,000	\$ 22,000	\$ 24,000	\$ 24,000	\$ 24,000
	FERC Part 12	2-08-543-000				\$ 125,000	
	FERC Part 12 Recommendations	2-08-543-000					\$ 150,000
	Fiber Extension Fee to USGS Randle Gage	2-08-543-000		\$ 50,000			
	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000					\$ 150,000
	Governor	2-08-543-000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
	Governor 3D CAM	2-08-543-000	\$ 50,000				
	Log Bronc Maintenance	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Mechanical & Piping	2-08-543-000	\$ 10,600	\$ 10,600	\$ 11,000	\$ 11,000	\$ 11,000
	Metal	2-08-543-000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	\$ 25,000				

Account Description	Detail	GL	2021	2022	2023	2024	2025
Resv., Dams & Waterways	Painting & Special Coatings	2-08-543-000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
	Rail Extension Over Spillway 4	2-08-543-000	\$ 170,000	\$ 525,000	\$ 1,082,000		
	Recoat Slot Covers	2-08-543-000		\$ 60,000			
	Replace Sluice Gate Bulkhead Seals	2-08-543-000		\$ 2,500			
	SCADA Support	2-08-543-000	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
	Sedimentation Report	2-08-543-000	\$ 50,000				
	Seismic Study	2-08-543-000	\$ 100,000	\$ 150,000			
	Service Air Compressor	2-08-543-000	\$ 1,000	\$ 1,000			
	Sluice Gate Construction	2-08-543-000			\$ 2,600,000	\$ 5,356,000	
	Sluice Gate Design	2-08-543-000		\$ 835,000			
	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	\$ 330,000	\$ 511,000			
	Sonar & Turbidity Sensors	2-08-543-000	\$ 150,000				
	Spillway Gate Control	2-08-543-000				\$ 200,000	
	Spillway Gate Finite Element Analysis	2-08-543-000	\$ 75,000				
	Spillway Gate Hoist Covers	2-08-543-000		\$ 120,000			
	Spillway Gates	2-08-543-000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
	Tailrace Repairs & Improvements - Design	2-08-543-000					\$ 175,000
	Trash Rake Construction	2-08-543-000			\$ 1,770,000		
	Trash Rake Design	2-08-543-000		\$ 191,000			
	Trunnion Friction Testing	2-08-543-000		\$ 65,000			
	Turbidity Sensor Communication	2-08-543-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Welding/Machinery Services	2-08-543-000	\$ -	\$ -	\$ -	\$ -	\$ -
RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	COBRA	2-00-926-100	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
SHORT TERM DISABILITY(EMPLOYER)	Short Term Disability Benefit	2-00-926-700	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
SOCIAL SECURITY MEDICARE	SOCIAL SECURITY MEDICARE	2-00-408-500	\$ 118,700	\$ 134,800	\$ 139,600	\$ 143,800	\$ 148,200
Tacoma Fish	Materials	2-08-537-042	\$ -	\$ -	\$ -	\$ -	\$ -
	Third Party Services	2-08-537-042	\$ -	\$ -	\$ -	\$ -	\$ -
TAXES - PRIVILEGE	Privilege Tax	2-00-408-200	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Term Ins Benefit	Term Ins Benefit	2-00-926-300	\$ 1,500	\$ 1,700	\$ 1,800	\$ 1,900	\$ 2,000
Transmission Line	Line Maintenance	2-08-571-002	\$ -	\$ -	\$ -	\$ -	\$ -
	ROW Maintenance	2-08-571-002	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
	Transmission Line Corridor Planting	2-08-571-002	\$ 40,000	\$ 40,000			
VEBA - Employer	VEBA Benefit	2-00-926-800	\$ 14,600	\$ 16,700	\$ 17,300	\$ 17,900	\$ 18,400
VEBA CASHOUT	VEBA Cash Out	2-00-926-600	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
WA Paid Family Medical Leave - Employer	Paid Family Leave Benefit	2-00-926-500	\$ 2,600	\$ 3,200	\$ 3,600	\$ 3,800	\$ 3,900
Recreation	Advertising	2-08-537-020	\$ 7,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
	Alternate Take-Out Site 1	2-08-545-020		\$ 30,000	\$ 80,000		
	Alternate Take-Out Site 2	2-08-545-020		\$ 30,000	\$ 80,000		
	Building Maintenance	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
	Campground A Loop Restroom	2-08-545-020			\$ 150,000		
	Campground Electrical Replacement - Design	2-08-545-020					\$ 64,000
	Campground Fishing Pond Assessment & Design	2-08-545-020		\$ 85,000			
	Campground Hosts	2-08-537-020	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
	Campground Internet	2-08-537-020	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
	Campground Reservation Software	2-08-537-020	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
	Campground Telephone	2-08-537-020	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
	Contract Septic and Water Services	2-08-537-020	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
	Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
	Contract Services (Dock Installation and Removal)	2-08-545-020	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
	Contract Services (Sweeping)	2-08-545-020	\$ -	\$ -	\$ -	\$ -	\$ -
	Copper Creek Take Out Site Parking	2-08-545-020	\$ 45,000	\$ 80,000			
	D-Loop Electrical Design & Feed Replacements	2-08-545-020	\$ 30,000				
	Electric Utilities	2-08-537-020	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
	Fiber to Campground Extention Fee	2-08-545-020		\$ 50,000			
	Garbage Service	2-08-537-020	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600
	Ground Maintenance	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
	Noxious Weed Control	2-08-545-020	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
	Open/Close Packwood Gate	2-08-545-020	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
	Operation Supplies	2-08-537-020	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
	Park Equipment Repairs	2-08-545-020	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
	Paving	2-08-545-020		\$ 90,000			\$ 90,000
	Portable Restrooms	2-08-537-020	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
	Potable Water and Septic System Testing	2-08-537-020	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
	Recreation Assessment	2-08-545-020	\$ 75,000				
	Repairs & Supplies	2-08-537-020	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000
	Sewer & Water System Maintenance	2-08-545-020	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
	Sign Replacements	2-08-545-020	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
	Tools & Equipment	2-08-545-020	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Fixed Asset Clearing	Mower	2-00-392-012		\$ 22,000			
	RT Fork Lift	2-00-392-012	\$ 70,000				
	Side By Side	2-00-392-012			\$ 30,000	\$ 30,000	
	Vehicle for Gen Superintendent	2-00-392-012		\$ 40,000			

Account Description	Detail	GL	2021	2022	2023	2024	2025
Fixed Asset Clearing	Vehicle for Resource Worker	2-00-392-012			\$ 42,000		
PROFESSIONAL SERVICES	Auditing	2-08-923-000	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
	Communication Services	2-08-923-000	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
	Computer Services	2-08-923-000	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
	Dam Safety Consultant	2-08-923-000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
	Engineering Consultants	2-08-923-000	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
	Fire Districts	2-08-923-000	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
	Labor Consultant	2-08-923-000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Legal Services (BiOp & FERC Issues)	2-08-923-000	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
	Legal Services (General Issues)	2-08-923-000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	Long Range Plan Analysis	2-08-923-000	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
	Project Analysis	2-08-923-000	\$ 130,000	\$ 140,000	\$ 140,000	\$ 150,000	\$ 150,000
	Records Management	2-08-923-000	\$ -	\$ -	\$ -	\$ -	\$ -
	WECC & NERC Consultants	2-08-923-000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
Fish & Wildlife	Creel Study	2-08-537-010	\$ 18,000				\$ 20,000
	Derby Site Enhancement	2-08-537-010	\$ 30,000	\$ 30,000			
	Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
	Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
	Kid's Trout Derby	2-08-537-010	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
	Mitigation Land	2-08-537-010	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
	Mitigation Trout Program	2-08-537-010	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
	Noxious Weed Control Contractor	2-08-537-010	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
Training and Travel	American Fisheries Society Meeting	2-09-921-002	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
	American Governor Analog Gov Training	2-09-921-002		\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
	AVO Circuit Breaker Maintenance	2-09-921-002	\$ 5,000			\$ 5,000	
	AVO Substation Maintenance I	2-09-921-002		\$ 5,000		\$ 5,000	
	AVO Thermography I	2-09-921-002	\$ 5,000			\$ 5,000	
	AVO Thermography II	2-09-921-002		\$ 5,000			\$ 5,000
	CEATI Annual Meeting	2-09-921-002	\$ 2,200	\$ 2,200			
	CEATI DSIG Meeting	2-09-921-002	\$ 1,400				
	CEATI DSIG Meeting	2-09-921-002		\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
	CEATI HPLIG Meeting	2-09-921-002	\$ 1,400	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
	Computer Training	2-09-921-002	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
	EPTC Switching & Grounding	2-09-921-002		\$ 7,000	\$ 7,000		
	EPTC Elect. Fundamentals	2-09-921-002	\$ 7,000	\$ 7,000			
	EPTC Power Plant Operation	2-09-921-002			\$ 7,000	\$ 7,000	\$ 7,000
	EPTC Relay Protection	2-09-921-002		\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
	HydroVision	2-09-921-002	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	NW Hydro Forum	2-09-921-002	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
	NWHA Annual Meeting	2-09-921-002	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
	NWHA Workshop	2-09-921-002	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
	NWPPA Admin Asst. Training	2-09-921-002	\$ 2,400	\$ 2,400	\$ 2,400		
	NWPPA Leadership Training	2-09-921-002	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
	Operator Training Development	2-09-921-002	\$ 45,000				
	Pesticide Application Training	2-09-921-002	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
	Records Training	2-09-921-002	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
	TPC Elect. Workshop	2-09-921-002	\$ 6,000		\$ 6,000		
	TPC Frequency Drives Workshop	2-09-921-002	\$ 6,000				
	Water / Wastewater Training	2-09-921-002	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
	WPUDA Admin Roundtable	2-09-921-002	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
	WPUDA Records Roundtable	2-09-921-002	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Structures	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
Supervision & Engineering	FERC Dam Movement Survey	2-08-535-002	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
	Sedimentation Survey	2-08-535-002	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
	Surveying	2-08-535-002	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies & Expenses	Consumable First Aid Supplies	2-09-539-002	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
	Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
	Fall Protection Equipment	2-09-539-002	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
	FR Clothing	2-09-539-002	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
	Rope Access Gear	2-09-539-002	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
	Small Tools	2-09-539-002	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
CFP WAGES - WAGES	WAGES	2-00-926-999	\$ 1,551,100	\$ 1,761,200	\$ 1,823,700	\$ 1,878,500	\$ 1,934,800
CFP WAGES - ES SUPPORT OVERHEAD	ES SUPPORT OVERHEAD	2-00-926-999	\$ 342,500	\$ 336,480	\$ 346,000	\$ 357,700	\$ 368,500
CFP WAGES - ES SUPPORT WAGES	ES SUPPORT WAGES	2-00-926-999	\$ 490,400	\$ 482,600	\$ 497,196	\$ 512,100	\$ 527,500
ESA Requirements	2022 BiOp Studies	2-08-537-060		\$ 100,000			
	Habitat & Fish Recovery Services (WDFW)	2-08-537-060	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
	Man-Made Island Canal	2-08-537-060		\$ 50,000			
Grand Total			\$ 9,070,400	\$ 11,286,330	\$ 11,950,296	\$ 11,980,900	\$ 7,184,600

From: Chris Roden

Sent: Thu Sep 10 00:15:56 2020

To: Carlson,Debbie (BPA) - PGAC-RICHLAND; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Wellner,Michael T (BPA) - PGA-6; Todd,Wayne A (BPA) - PGA-6

Cc: Brad Ford; Doug Streeter CPA; Joe First; Allen Unzelman; Matt Samuelson; Thomas Beebe

Subject: [EXTERNAL] CFP 2021 Budget Documents

Importance: Normal

Attachments: 2021 CFP Budget Change Log.pdf; 2021 CFP Budget Detail.pdf; 2021 CFP Budget FY2022-FY2025 Forecast.pdf; 2021 CFP Budget Summary.pdf; 2021 CFP OR&R Budget Detail.pdf; 2021 CFP Payment Schedule.pdf

Per our discussion this afternoon we have compiled the list of documents we reviewed and attached them. Please let us know as soon as possible if you would like additional clarification on the items enclosed. We will update the documents if needed depending on the outcome of the funding discussion in the morning.

Chris

Chris Roden

General Manager | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2435 | e:chrisc@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 Budget Change Log

Date	GL	Description	2021	2022	2023	2024	2025
7/10/2020	2-08-537-010	Removed mitigation land		\$ (75,000)	\$ (75,000)	\$ (75,000)	\$ (75,000)
7/10/2020	2-08-921-000	A&G Exhibit F	\$ 533,800				
7/10/2020	2-08-921-000	A&G Exhibit F		\$ 534,800			
7/10/2020	2-08-921-000	A&G Exhibit F			\$ 556,700		
7/10/2020	2-08-921-000	A&G Exhibit F				\$ 556,700	
7/10/2020	2-08-921-000	A&G Exhibit F					\$ 556,700
7/10/2020	2-00-456-999	Added Wheeling Entry (no net impact)	\$ -	\$ -	\$ -	\$ -	\$ -
7/13/2020	2-08-543-000	Defer Debris Barrier Construction; Increase Design	\$ (65,000)				
7/13/2020	2-08-543-000	Increase Debris Barrier Construction From 2021		\$ 400,000			
7/14/2020	2-08-544-000	Reduce Electrical Contractors From \$120k	\$ (75,000)				
7/14/2020	2-08-544-000	Reduce Mechanical Contractors From \$80k	\$ (35,000)				
7/14/2020	2-08-545-000	Increase from \$60k for site prep	\$ 140,000				
7/14/2020	2-08-545-000	Reduce New Facilities From \$200k	\$ (185,000)				
7/14/2020	2-08-545-000	Delay New Facilities Pending Analysis in 2021	\$ (60,000)	\$ 60,000			
7/14/2020	2-08-543-000	Reduce Cathodic Protection From \$225K	\$ (60,000)				
7/14/2020	2-08-543-000	Reduce Rail Extention In Place Of Analysis	\$ (125,000)				
7/14/2020	2-08-545-020	Increase from \$45k for planning and bid specs	\$ 30,000				
7/14/2020	2-08-545-020	Increase from \$80k for CCC Site Work		\$ 145,000			
7/14/2020	2-00-926-999	Wage, Benefits, & Taxes Remodeled With New PERS	\$ (300,000)				
7/14/2020	2-00-926-999	Deferred Warehouse/Project Support FTE	\$ (150,000)				
7/14/2020	2-00-926-999	Adjusted CFP/ES Support & Direct Labor No Net Impact					
7/22/2020	Multiple	Updated CFP and ES labor & benefits costs	\$ (37,272)	\$ 89,600	\$ 86,500	\$ 107,800	\$ 116,900
7/22/2020	2-08-921-000	Updated A&G Charge	\$ 10,100	\$ (1,500)	\$ (2,100)	\$ 13,300	\$ 29,500
8/19/2020	2-08-539-000	Removed NHA Membership	\$ (21,000)				
8/19/2020	2-08-543-000	Reduce Contract Operators from \$250k	\$ (180,000)				
8/19/2020	2-08-543-000	Defer Mobile Diesel Generator & Log Bronc Cover	\$ (25,000)	\$ 25,000			
8/19/2020	2-08-543-000	Defer Spillway Gate Finite Element Analysis	\$ (75,000)		\$ 75,000		
8/19/2020	2-08-544-000	Defer South Well Pump	\$ (3,000)				\$ 3,000
8/19/2020	2-08-545-000	Defer Concrete Scanner	\$ (25,000)	\$ 25,000			
8/19/2020	2-08-545-000	Defer Control Room / Office Area Repairs	\$ (40,000)				
8/19/2020	2-08-545-000	Defer Drainage Pump	\$ (20,000)				\$ 20,000
8/19/2020	2-08-571-002	Reduce Transmission Line Corridor Planting from \$40k	\$ (30,000)				
8/19/2020	2-08-545-020	Defer Recreation Assessment	\$ (75,000)	\$ 75,000			
8/19/2020	2-08-545-020	Defer D-Loop Electrical Design & Feed Replacements	\$ (30,000)	\$ 30,000			
8/19/2020	2-00-392-012	Defer RT Fork Lift; Increase Equipment Rental	\$ (70,000)				\$ 70,000
8/19/2020	2-08-543-000	Equipment Rental	\$ 8,800	\$ 3,200	\$ 11,200	\$ 11,200	
8/20/2020	Multiple	Reduce benefits to reflect hiring expectations	\$ (43,200)				
8/20/2020	2-00-926-999	Reduce wages to reflect deferrals & hiring timeline	\$ (198,100)				
8/20/2020	2-00-926-999	Reduce support wages	\$ (75,000)				
8/20/2020	2-00-926-999	Reduce support benefits	\$ (52,000)				
8/20/2020	2-08-921-000	Update A&G	\$ (43,871)	\$ 6,895	\$ 7,959		
8/25/2020	2-09-921-002	Reduce AVO breaker maintenance from \$5k to \$2.4k	\$ (2,600)				
8/25/2020	2-09-921-002	Reduce AVO Thermograph from \$5k to \$0	\$ (5,000)				
8/25/2020	2-09-921-002	Reduce CEATI DSIG from \$1.4k to \$0	\$ (1,400)				
8/25/2020	2-09-921-002	Reduce HPLIG from \$1.4k to \$0	\$ (1,400)				
8/25/2020	2-09-921-002	Reduce EPTC Fundamentals from \$7k to \$0	\$ (7,000)				
8/25/2020	2-09-921-002	Reduce Electric Workshop from \$6k to \$0	\$ (6,000)				
8/25/2020	2-09-921-002	Reduce Freq Drive Workshop from \$6k to \$0	\$ (6,000)				
9/3/2020	2-08-537-020	Advertising reduction from \$7k to \$3k	\$ (5,000)				
9/3/2020	2-08-545-000	Lathe	\$ (18,000)	\$ 18,000			
9/3/2020	Do This	Defer biologist hire	\$ (76,000)				
9/3/2020	2-08-544-000	Defer oil processing	\$ (29,000)	\$ 30,000			
9/3/2020	2-08-923-000	Project Analysis reduction at BPA's request	\$ (110,000)	\$ (120,000)	\$ (120,000)	\$ (130,000)	\$ (130,000)
9/3/2020	2-08-545-000	Defer AutoCAD conversion	\$ (20,000)	\$ 20,000			
9/3/2020	2-08-545-000	Reduce handrail & gaurdrail	\$ (10,000)				
9/3/2020	2-08-543-000	Reduce 3D cam	\$ (10,000)				
9/3/2020	2-08-537-010	Reduce alternative derby site development	\$ (25,000)				
9/3/2020	2-08-537-010	Remove derby site reinforcement	\$ (30,000)				

Date	GL	Description	2021	2022	2023	2024	2025
9/3/2020	2-08-544-000	Defer Exciter Brush Dust Vacuum System	\$ (120,000)	\$ 120,000			
9/3/2020	2-08-545-000	Add back control room office repairs	\$ 40,000				
9/3/2020	2-08-543-000	Defer Sedimentation Report	\$ (50,000)	\$ 50,000			
9/8/2020	2-00-926-999	Reduce CFP Wages	\$ (40,400)				
9/8/2020	2-00-926-999	Reduce SS	\$ (3,100)	\$ (22,000)	\$ (23,300)		
9/8/2020	2-00-926-400	Reduce L&I	\$ (1,000)	\$ (2,900)	\$ (3,200)		
9/8/2020	2-00-926-200	Reduce PERS	\$ (4,300)				
9/8/2020	2-00-926-800	Reduce VEBA	\$ (400)				
9/8/2020	2-00-926-110	Reduce Medical	\$ (26,300)				
9/8/2020	2-00-926-500	Reduce Paid Leave	\$ (100)				
9/8/2020	2-00-926-310	Reduce LTD	\$ (100)				
9/8/2020	2-00-926-300	Reduce Term Insurance	\$ (100)				
9/8/2020	2-00-926-999	Reduce Support O/H	\$ (5,700)	\$ (5,700)	\$ (5,700)		
9/8/2020	2-08-921-000	Recalculate A&G Exhibit F	\$ 37,800	\$ 42,700	\$ 43,000	\$ 53,000	\$ 55,500
9/8/2020	2-08-544-000	Reduce Electrical Parts (RISK ITEM)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
9/8/2020	2-08-544-000	Reduce Instrumentation Parts (RISK ITEM)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
9/8/2020	2-08-544-000	Reduce Mechanical Parts (RISK ITEM)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
9/8/2020	2-08-543-000	Reduce Dam Instrumentation (RISK ITEM)	\$ (2,000)	\$ (2,000)	\$ (2,000)	\$ (2,000)	\$ (2,000)
9/8/2020	2-08-543-000	Reduce Mechanical & Piping (RISK ITEM)	\$ (1,600)	\$ (1,600)	\$ (2,000)	\$ (2,000)	\$ (2,000)
9/8/2020	2-00-419-200	Intercompany Fund Proceeds	\$ (1,632,300)				
9/8/2020	2-00-125-050	Intercompany Fund Principle Payment	\$ 61,700	\$ 63,400	\$ 65,200	\$ 67,000	\$ 68,800
9/8/2020	2-00-427-030	Intercompany Fund Interest Payment	\$ 45,000	\$ 43,300	\$ 41,500	\$ 39,700	\$ 37,900
9/8/2020	2-00-926-999	Labor Capitalization	\$ (200,000)	\$ (200,000)	\$ (200,000)	\$ (200,000)	\$ (200,000)
9/8/2020	2-00-926-999	Labor Capitalization	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
9/8/2020	2-00-456-200	Update BPA Reimbursment	\$ (2,000,200)	\$ 223,000	\$ (15,900)	\$ (10,300)	\$ (8,500)

2021 CFP Detail				Year
Category	Account Description	Detail	GL	2021
O&M	A&G	Bank Fees	2-08-921-000	\$ 1,000
	A&G	Communications Fiber - User Fee	2-08-921-000	\$ 6,500
	A&G	Licenses & Permits	2-08-921-000	\$ 6,400
	Electric Plant - Generation	230 kV Circuit Breaker Maintenance	2-08-544-000	\$ 45,000
	Electric Plant - Generation	AVR Testing	2-08-544-000	\$ 60,000
	Electric Plant - Generation	Cooling Water Valves	2-08-544-000	\$ 8,000
	Electric Plant - Generation	Electrical Contractors	2-08-544-000	\$ 45,000
	Electric Plant - Generation	Electrical Parts	2-08-544-000	\$ 14,000
	Electric Plant - Generation	Generator Parameter Validation Testing	2-08-544-000	\$ 160,000
	Electric Plant - Generation	Instrumentation Parts	2-08-544-000	\$ 10,000
	Electric Plant - Generation	Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400
	Electric Plant - Generation	Mechanical Contractors	2-08-544-000	\$ 45,000
	Electric Plant - Generation	Mechanical Parts	2-08-544-000	\$ 14,000
	Electric Plant - Generation	Transformer Oil Processing & Testing	2-08-544-000	\$ 1,000
	Electric Plant - Generation	Turbine Maintenance Seals	2-08-544-000	\$ 50,000
	Fish & Wildlife	Creel Study	2-08-537-010	\$ 18,000
	Fish & Wildlife	Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010	\$ 10,000
	Fish & Wildlife	Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010	\$ 8,700
	Fish & Wildlife	Kid's Trout Derby	2-08-537-010	\$ 5,200
	Fish & Wildlife	Mitigation Trout Program	2-08-537-010	\$ 43,000
	Fish & Wildlife	Noxious Weed Control Contractor	2-08-537-010	\$ 9,000
	Fish & Wildlife - ESA Requirements	Habitat & Fish Recovery Services (WDFW)	2-08-537-060	\$ 10,000
	Insurance	Excess Liability Insurance	2-08-924-000	\$ 19,000
	Insurance	Liability Insurance	2-08-924-000	\$ 10,000
	Insurance	Other	2-08-924-000	\$ 3,000
	Insurance	Property Insurance	2-08-924-000	\$ 170,000
	License Compliance	FERC Fixed Fees	2-08-928-000	\$ 65,000
	License Compliance	Port Blakely Easement	2-08-928-000	\$ 17,500
	License Compliance	USGS Gauging Station Fees	2-08-928-000	\$ 40,600
	Misc Expenses	CEATI Membership	2-08-539-000	\$ 36,000
	Misc Expenses	CEATI Projects	2-08-539-000	\$ 15,000
	Misc Expenses	CF Project Telephones	2-08-539-000	\$ 7,000
	Misc Expenses	CFP Cell Phones	2-08-539-000	\$ 1,600
	Misc Expenses	Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 11,200
	Misc Expenses	Garbage Service	2-08-539-000	\$ 2,300
	Misc Expenses	NWHA Membership	2-08-539-000	\$ 800
	Misc Expenses	Operator Remote SCADA Communications	2-08-539-000	\$ 8,000
	Misc Expenses	Radio / Pager System Improvements	2-08-539-000	\$ 25,000
	Misc Expenses	Security Assessment	2-08-539-000	\$ 85,000
	Misc Expenses	Security/Plant Locks	2-08-539-000	\$ 1,500
	Misc Expenses	Shelving & Furniture	2-08-539-000	\$ 2,000
	Misc Expenses	Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200
	Misc Hydraulic Plant	Buffer Zone Management	2-08-545-000	\$ 2,000
	Misc Hydraulic Plant	Computer Software	2-08-545-000	\$ 2,000
	Misc Hydraulic Plant	Contract Crane Inspections	2-08-545-000	\$ 12,600

Category	Account Description	Detail	GL	2021
O&M	Misc Hydraulic Plant	Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 20,000
	Misc Hydraulic Plant	Drainage System	2-08-545-000	\$ 3,000
	Misc Hydraulic Plant	HVAC	2-08-545-000	\$ 3,200
	Misc Hydraulic Plant	Inspections	2-08-545-000	\$ 2,200
	Misc Hydraulic Plant	Plant Lighting	2-08-545-000	\$ 1,000
	Misc Hydraulic Plant	Plant Water Wells & Testing	2-08-545-000	\$ 1,200
	Misc Hydraulic Plant	Safety Improvements	2-08-545-000	\$ 5,000
	Misc Hydraulic Plant	Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 2,600
	Misc Hydraulic Plant	Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 20,000
	Misc Hydraulic Plant	Temporary Offices	2-08-545-000	\$ 200,000
	Misc Hydraulic Plant	Tools & Equipment	2-08-545-000	\$ 15,000
	Professional Services	Auditing	2-08-923-000	\$ 20,900
	Recreation	Advertising	2-08-537-020	\$ 3,000
	Recreation	Building Maintenance	2-08-545-020	\$ 3,200
	Recreation	Campground Hosts	2-08-537-020	\$ 115,400
	Recreation	Campground Internet	2-08-537-020	\$ 3,000
	Recreation	Campground Reservation Software	2-08-537-020	\$ 5,000
	Recreation	Campground Telephone	2-08-537-020	\$ 1,300
	Recreation	Contract Septic and Water Services	2-08-537-020	\$ 25,000
	Recreation	Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 7,000
	Recreation	Contract Services (Dock Installation and Removal)	2-08-545-020	\$ 2,500
Recreation	Copper Creek Take Out Site Parking	2-08-545-020	\$ 75,000	
Recreation	Electric Utilities	2-08-537-020	\$ 6,200	
Recreation	Garbage Service	2-08-537-020	\$ 6,200	
Recreation	Ground Maintenance	2-08-545-020	\$ 3,200	
Recreation	Noxious Weed Control	2-08-545-020	\$ 5,000	
Recreation	Open/Close Packwood Gate	2-08-545-020	\$ 2,600	
Recreation	Operation Supplies	2-08-537-020	\$ 2,200	
Recreation	Park Equipment Repairs	2-08-545-020	\$ 3,200	
Recreation	Portable Restrooms	2-08-537-020	\$ 2,200	
Recreation	Potable Water and Septic System Testing	2-08-537-020	\$ 2,000	
Recreation	Repairs & Supplies	2-08-537-020	\$ 9,000	
Recreation	Sewer & Water System Maintenance	2-08-545-020	\$ 6,400	
Recreation	Sign Replacements	2-08-545-020	\$ 2,200	
Recreation	Tools & Equipment	2-08-545-020	\$ 3,000	
Resv., Dams & Waterways	1D Sediment Transport Study	2-08-543-000	\$ 100,000	
Resv., Dams & Waterways	Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000	
Resv., Dams & Waterways	Contract Maintenance Elevator	2-08-543-000	\$ 15,000	
Resv., Dams & Waterways	Contract Operators	2-08-543-000	\$ 70,000	
Resv., Dams & Waterways	Dam Instrumentation	2-08-543-000	\$ 6,000	
Resv., Dams & Waterways	Debris Barrier Coating & Cathodic Protection - Design	2-08-543-000	\$ 160,000	
Resv., Dams & Waterways	Debris Barrier Corrosion Inhibitor	2-08-543-000	\$ 10,000	
Resv., Dams & Waterways	Debris Barrier Parts	2-08-543-000	\$ 1,000	
Resv., Dams & Waterways	Debris Removal	2-08-543-000	\$ 6,000	
Resv., Dams & Waterways	Diving Services	2-08-543-000	\$ 12,500	
Resv., Dams & Waterways	Equipment Rental	2-08-543-000	\$ 30,800	
Resv., Dams & Waterways	Governor	2-08-543-000	\$ 4,000	

Category	Account Description	Detail	GL	2021
O&M	Resv., Dams & Waterways	Governor 3D CAM	2-08-543-000	\$ 40,000
	Resv., Dams & Waterways	Log Bronc Maintenance	2-08-543-000	\$ 1,000
	Resv., Dams & Waterways	Mechanical & Piping	2-08-543-000	\$ 9,000
	Resv., Dams & Waterways	Metal	2-08-543-000	\$ 12,000
	Resv., Dams & Waterways	Painting & Special Coatings	2-08-543-000	\$ 3,200
	Resv., Dams & Waterways	SCADA Support	2-08-543-000	\$ 50,000
	Resv., Dams & Waterways	Seismic Study	2-08-543-000	\$ 100,000
	Resv., Dams & Waterways	Spillway Gates	2-08-543-000	\$ 5,000
	Resv., Dams & Waterways	Turbidity Sensor Communication	2-08-543-000	\$ 1,000
	Structures	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300
	Supervision & Engineering	FERC Dam Movement Survey	2-08-535-002	\$ 8,400
	Supervision & Engineering	Sedimentation Survey	2-08-535-002	\$ 5,200
	Supplies & Expenses	Consumable First Aid Supplies	2-09-539-002	\$ 3,200
	Supplies & Expenses	Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400
	Supplies & Expenses	Fall Protection Equipment	2-09-539-002	\$ 1,500
	Supplies & Expenses	FR Clothing	2-09-539-002	\$ 8,000
	Supplies & Expenses	Rope Access Gear	2-09-539-002	\$ 1,500
	Supplies & Expenses	Small Tools	2-09-539-002	\$ 2,500
	Taxes - County	County Taxes	2-08-921-000	\$ 700
	Taxes - Ecology	Ecology Water Tax	2-08-539-000	\$ 7,500
	TAXES - PRIVILEGE	Privilege Tax	2-00-408-200	\$ 56,900
	Transmission Maintenance	ROW Maintenance	2-08-571-002	\$ 60,000
	Transmission Maintenance	Transmission Line Corridor Planting	2-08-571-002	\$ 10,000
OR&R	DEBT - 2021 CFP INTERCOMPANY FUND	2021 CFP Intercompany - Interest	2-00-427-030	\$ 45,000
	DEBT - 2021 CFP INTERCOMPANY FUND	2021 CFP Intercompany - Principal	2-00-125-050	\$ 61,700
	Electric Plant - Generation	5-Ton Bridge Crane	2-08-544-000	\$ 500,000
	Electric Plant - Generation	Generator Hatch Cover Seals & Drains	2-08-544-000	\$ 120,000
	Fish & Wildlife	Alternative Fishing Derby Site Development	2-08-537-010	\$ 50,000
	Labor - CFP	Wages - Capitalized	2-00-926-999	\$ 200,000
	Misc Expenses	Communications (Radios, etc)	2-08-539-000	\$ 5,900
	Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400
	Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	\$ 40,000
	Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	2-08-545-000	\$ 45,000
	Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	\$ 140,000
	Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	\$ 1,000
	Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical	2-08-543-000	\$ 330,000
	Resv., Dams & Waterways	Model Design	2-08-543-000	\$ 150,000
	Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	\$ 150,000
	Resv., Dams & Waterways	Spillway 4 Rail Extention - Alternative Analysis	2-08-543-000	\$ 45,000
REV	DEBT - 2021 CFP INTERCOMPANY PROCEEDS	2021 Intercompany Proceeds	2-00-419-200	\$ (1,632,300)
	Project Reimbursement / Revenue	BPA Project Reimbursement	2-00-456-200	\$ (6,565,300)
	Project Reimbursement / Revenue	Campground Revenue	2-00-417-000	\$ (75,000)
	Project Reimbursement / Revenue	Interest Income	2-00-419-000	\$ (4,000)
	Transmission Wheeling	Transmission Wheeling - Rev Entry	2-00-456-999	\$ (746,000)
Special O&M	A&G	A&G Exhibit F	2-08-921-000	\$ 537,800

Category	Account Description	Detail	GL	2021
Special O&M	A&G	Misc	2-08-921-000	\$ 5,400
	A&G	Office Supplies	2-08-921-000	\$ 9,000
	Health, Welfare, Safety	Confined Space Training	2-00-925-102	\$ 8,000
	Health, Welfare, Safety	Rope Access Training	2-00-925-102	\$ 8,000
	Labor - CFP	OT Benefits	2-00-926-999	\$ 7,000
	Labor - CFP	OT TAXES	2-00-926-999	\$ 4,000
	Labor - CFP	OT WAGES	2-00-926-999	\$ 52,000
	Labor - CFP	Standby Pay	2-00-926-999	\$ 37,100
	Labor - CFP	Wages	2-00-926-999	\$ 1,312,500
	Labor - CFP	Wages - Capitalized	2-00-926-999	\$ (200,000)
	Labor - CFP - Cobra	Retiree/COBRA Med Ins - Premiums & Claims	2-00-926-100	\$ 20,000
	Labor - CFP - Flu Shots	Flu Shot Clinics	2-00-926-140	\$ 400
	Labor - CFP - L&I	L&I - Employer	2-00-926-400	\$ 16,200
	Labor - CFP - Long Term Disability	Long Term Disability	2-00-926-300	\$ 3,200
	Labor - CFP - Medical Insurance	Employee Medical Insurance	2-00-926-110	\$ 411,400
	Labor - CFP - Misc Pension & Benefits	Misc Pension & Benefits, CDL, Medical Exam, etc	2-00-926-000	\$ 5,000
	Labor - CFP - Paid Family Leave	Paid Family Leave Benefit	2-00-926-500	\$ 2,100
	Labor - CFP - PCORI	PCORI ACA Requirement	2-00-926-120	\$ 100
	Labor - CFP - PERS	Employer PERS	2-00-926-200	\$ 131,400
	Labor - CFP - PL Cash Out	PL Cash Out	2-00-242-200	\$ 15,000
	Labor - CFP - Social Security Medicare	Social Security Medicare	2-00-408-500	\$ 100,400
	Labor - CFP - STD	Short Term Disability	2-00-926-700	\$ 2,000
	Labor - CFP - Term Insurance	Term Ins Benefit	2-00-926-300	\$ 1,400
	Labor - CFP - VEBA	VEBA Benefit	2-00-926-800	\$ 12,200
	Labor - CFP - VEBA Cash out	VEBA Cash Out	2-00-926-600	\$ 5,000
	Labor - ES Support	ES Support Overhead	2-00-926-999	\$ 439,200
	Labor - ES Support	ES Support Wages	2-00-926-999	\$ 627,900
	Misc Expenses	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000
	Misc Expenses	CF Vehicle Maintenance	2-00-184-012	\$ 12,000
	Professional Services	Communication Services	2-08-923-000	\$ 3,300
	Professional Services	Computer Services	2-08-923-000	\$ 5,600
	Professional Services	Dam Safety Consultant	2-08-923-000	\$ 84,000
	Professional Services	Engineering Consultants	2-08-923-000	\$ 65,000
	Professional Services	Fire District Payment	2-08-923-000	\$ 19,000
	Professional Services	Labor Consultant	2-08-923-000	\$ 1,000
	Professional Services	Legal Services (BiOp & FERC Issues)	2-08-923-000	\$ 24,200
	Professional Services	Legal Services (General Issues)	2-08-923-000	\$ 20,000
	Professional Services	Long Range Plan Analysis	2-08-923-000	\$ 50,000
	Professional Services	Project Analysis	2-08-923-000	\$ 20,000
	Professional Services	WECC & NERC Consultants	2-08-923-000	\$ 58,000
	Training and Travel	American Fisheries Society Meeting	2-09-921-002	\$ 1,500
	Training and Travel	AVO Circuit Breaker Maintenance	2-09-921-002	\$ 2,400
	Training and Travel	CEATI Annual Meeting	2-09-921-002	\$ 2,200
	Training and Travel	Computer Training	2-09-921-002	\$ 800
	Training and Travel	HydroVision	2-09-921-002	\$ 2,000
	Training and Travel	NW Hydro Forum	2-09-921-002	\$ 400
	Training and Travel	NWHA Annual Meeting	2-09-921-002	\$ 500
	Training and Travel	NWHA Workshop	2-09-921-002	\$ 600
	Training and Travel	NWPPA Admin Asst Training	2-09-921-002	\$ 2,400
	Training and Travel	NWPPA Leadership Training	2-09-921-002	\$ 3,400

Category	Account Description	Detail	GL	2021
Special O&M	Training and Travel	Operator Training Development	2-09-921-002	\$ 45,000
	Training and Travel	Pesticide Application Training	2-09-921-002	\$ 800
	Training and Travel	Records Training	2-09-921-002	\$ 700
	Training and Travel	Water / Wastewater Training	2-09-921-002	\$ 1,200
	Training and Travel	WPUDA Admin Roundtable	2-09-921-002	\$ 600
	Training and Travel	WPUDA Records Roundtable	2-09-921-002	\$ 300
Wheeling	Transmission Wheeling	Transmission Wheeling - Offset Entry	2-00-456-999	\$ 746,000
Grand Total				\$ -

2021 CFP Budget FY22-FY25 Forecast					
	2021	2022	2023	2024	2025
Admin & General	\$ 1,383,400	\$ 1,406,950	\$ 1,422,000	\$ 1,442,800	\$ 1,457,700
General	\$ 1,302,600	\$ 1,336,350	\$ 1,360,500	\$ 1,384,700	\$ 1,409,600
A&G Exhibit F	\$ 537,800	\$ 582,900	\$ 605,000	\$ 623,000	\$ 641,700
Auditing	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
Bank Fees	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
CF Vehicle Maintenance	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Communication Services	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Communications Fiber - User Fee	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
Computer Services	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
Consumable First Aid Supplies	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Consumable Janitorial Supplies	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
Consumable Safety Supplies & PPE	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Cooper Compliance Audit	\$ -	\$ -	\$ -	\$ -	\$ -
Dam Safety Consultant	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
Document Management Software	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering Consultants	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
Excess Liability Insurance	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
FERC Fixed Fees	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Fire District Payment	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
Labor Consultant	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Legal Services (BiOp & FERC Issues)	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
Legal Services (General Issues)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Liability Insurance	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
Licenses & Permits	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Long Range Plan Analysis	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
Misc	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Office Supplies	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Other	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
Port Blakely Easement	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
Project Analysis	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Property Insurance	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
Records Management	\$ -	\$ -	\$ -	\$ -	\$ -
Small Tools	\$ 2,500	\$ -	\$ -	\$ -	\$ -
USGS Gauging Station Fees	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600
WECC & NERC Consultants	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
WECC Fees	\$ -	\$ -	\$ -	\$ -	\$ -
Training & Travel	\$ 80,800	\$ 70,600	\$ 61,500	\$ 58,100	\$ 48,100
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ -	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
Arc Flash Training	\$ -	\$ -	\$ 3,000	\$ -	\$ -
AVO Circuit Breaker Maintenance	\$ 2,400	\$ -	\$ -	\$ 5,000	\$ -
AVO Substation Maintenance I	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -
AVO Thermography I	\$ -	\$ -	\$ -	\$ 5,000	\$ -
AVO Thermography II	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
CEATI Annual Meeting	\$ 2,200	\$ 2,200	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ -	\$ -	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CEATI HPLIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
Computer Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Confined Space Training	\$ 8,000	\$ -	\$ -	\$ -	\$ -
EPTC Switching & Grounding	\$ -	\$ 7,000	\$ 7,000	\$ -	\$ -
EPTC Elect Fundamentals	\$ -	\$ 7,000	\$ -	\$ -	\$ -
EPTC Power Plant Operation	\$ -	\$ -	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500

2021 CFP Budget FY22-FY25 Forecast					
	2021	2022	2023	2024	2025
Fall Protection Training	\$ -	\$ 8,000	\$ -	\$ -	\$ -
HydroVision	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
NW Hydro Forum	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
NWHA Annual Meeting	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
NWHA Workshop	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
NWPPA Admin Asst Training	\$ 2,400	\$ 2,400	\$ 2,400	\$ -	\$ -
NWPPA Leadership Training	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
Operator Training Development	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Pesticide Application Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Records Training	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Rope Access Training	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
TPC Elect Workshop	\$ -	\$ -	\$ 6,000	\$ -	\$ -
TPC Frequency Drives Workshop	\$ -	\$ -	\$ -	\$ -	\$ -
Water / Wastewater Training	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
WPUA Admin Roundtable	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
WPUA Records Roundtable	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Operating Expenses	\$ 3,515,900	\$ 7,487,900	\$ 7,241,300	\$ 7,074,600	\$ 2,245,800
Fish & Wildlife	\$ 143,900	\$ 108,700	\$ 80,700	\$ 83,200	\$ 105,200
Alternative Fishing Derby Site Development	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Creel Study	\$ 18,000	\$ -	\$ -	\$ -	\$ 20,000
Derby Site Reinforcement / Habitat Enhancement	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
Kid's Trout Derby	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Mitigation Trout Program	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
Noxious Weed Control Contractor	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
Fleet	\$ -	\$ 62,000	\$ 72,000	\$ 30,000	\$ 70,000
Mower	\$ -	\$ 22,000	\$ -	\$ -	\$ -
RT Fork Lift	\$ -	\$ -	\$ -	\$ -	\$ 70,000
Side By Side	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -
Vehicle for Gen Superintendent	\$ -	\$ 40,000	\$ -	\$ -	\$ -
Vehicle for Resource Worker	\$ -	\$ -	\$ 42,000	\$ -	\$ -
General	\$ 1,822,100	\$ 2,941,200	\$ 561,600	\$ 825,000	\$ 993,100
2022 BiOp Studies	\$ -	\$ 100,000	\$ -	\$ -	\$ -
230 kV Circuit Breaker Maintenance	\$ 45,000	\$ -	\$ -	\$ -	\$ -
5-Ton Bridge Crane	\$ 500,000	\$ -	\$ -	\$ -	\$ -
AVR Testing	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Battery Bank Replacement	\$ -	\$ -	\$ -	\$ 80,000	\$ -
Buffer Zone Management	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
CEATI Membership	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
CEATI Projects	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
CF Project Telephones	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
CFP Cell Phones	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
Communications (Radios, etc)	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Concrete Scanner	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Contract Crane Inspections	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
Control Room / Office Area Repairs	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Convert Engineering Drawings to AutoCAD	\$ 20,000	\$ 60,000	\$ 40,000	\$ 40,000	\$ 40,000
Cooling Water Valves	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Drainage Pump	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Drainage Sump Study	\$ -	\$ 35,000	\$ -	\$ -	\$ -
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Electric Utilities - Secondary Power Feed	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400
Electrical Contractors	\$ 45,000	\$ 80,000	\$ -	\$ -	\$ -

2021 CFP Budget FY22-FY25 Forecast					
	2021	2022	2023	2024	2025
Electrical Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Exciter Brush Dust Vacuum System	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Exciter Replacement	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000
Fall Protection Equipment	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
FR Clothing	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Garbage Service	\$ 2,300	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500
Generator Cooling Water Refurbishment	\$ -	\$ -	\$ -	\$ 78,000	\$ -
Generator Hatch Cover Seals & Drains	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Generator Parameter Validation Testing	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Generator Protective Relay Replacement	\$ -	\$ -	\$ -	\$ 150,000	\$ -
GSU Transformer Maintenance	\$ -	\$ 45,000	\$ -	\$ -	\$ -
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
HVAC	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
HVAC Replacement Office Area	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Inspections	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Instrumentation Parts	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Lathe	\$ -	\$ 18,000	\$ -	\$ -	\$ -
Maintenance Management System	\$ -	\$ -	\$ 200,000	\$ 30,000	\$ 30,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Man-Made Island Canal	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Manuals, Major Tools, Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical Contractors	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Mechanical Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
New Facility - Analysis/Design/Site Testing	\$ 45,000	\$ -	\$ -	\$ -	\$ -
New Facility - Construction	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -
NHA Membership	\$ -	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
North Rock Wall Scaling	\$ -	\$ 75,000	\$ -	\$ -	\$ -
NWA Membership	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Operator Remote SCADA Communications	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Protective Relay Testing	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Radio / Pager System Improvements	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Rentals	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Meters	\$ -	\$ 24,000	\$ -	\$ -	\$ -
Roadway Gates	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
Rope Access Gear	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Safety Improvements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Security Assessment	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Security Improvements	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Security/Plant Locks	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Server/Cameras/Office Machines/Computers	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Service Water VFD & Controls Replacement	\$ -	\$ 16,000	\$ -	\$ -	\$ -
Shelving & Furniture	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Small Tools	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
South Well Pump	\$ -	\$ -	\$ -	\$ -	\$ 3,000
Spillway Handrail & Guardrail	\$ 140,000	\$ -	\$ -	\$ -	\$ -
Structure Maintenance; Concrete, Fencing	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
Temporary Offices	\$ 200,000	\$ 60,000	\$ -	\$ -	\$ -
Tools & Equipment	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Transformer Oil Processing & Testing	\$ 1,000	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000
Turbine Maintenance Seals	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Turbine Shaft Seals	\$ -	\$ 30,000	\$ -	\$ -	\$ -

2021 CFP Budget FY22-FY25 Forecast

	2021	2022	2023	2024	2025
Warehouse Repairs	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Operating Expenses	\$ 1,186,100	\$ 3,433,500	\$ 5,948,500	\$ 5,866,200	\$ 652,700
1D Sediment Transport Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Boat Barrier Replacement	\$ -	\$ -	\$ 120,000	\$ -	\$ -
Bridge Inspection & Analysis	\$ -	\$ -	\$ 106,000	\$ -	\$ -
Contract Diesel Generator Maintenance	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
Contract Maintenance Elevator	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
Contract Operators	\$ 70,000	\$ -	\$ -	\$ -	\$ -
Dam Instrumentation	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Debris Barrier Coating & Cathodic Protection - Construction	\$ -	\$ 400,000	\$ -	\$ -	\$ -
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Corrosion Inhibitor	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Debris Barrier Parts	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Debris Removal	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Diesel Generator Connection to Spillway Gates 2 & 3	\$ -	\$ 14,000	\$ -	\$ -	\$ -
Diving Services	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
Downstream Boat Ramp	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Equipment Rental	\$ 30,800	\$ 34,000	\$ 42,000	\$ 42,000	\$ 24,000
FERC Dam Movement Survey	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
FERC Part 12	\$ -	\$ -	\$ -	\$ 125,000	\$ -
FERC Part 12 Recommendations	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Fiber Extension Fee to USGS Randle Gage	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Gantry Crane Controls and Drive Upgrade - Design	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Governor 3D CAM	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Log Bronc Maintenance	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Materials	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical & Piping	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Metal	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Mobile Diesel Generator & Log Bronc Cover	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Re-coat Slot Covers	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Replace Sluice Gate Bulkhead Seals	\$ -	\$ 2,500	\$ -	\$ -	\$ -
SCADA Support	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
Sedimentation Report	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Sedimentation Survey	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
Seismic Study	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
Service Air Compressor	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -
Sluice Gate Construction	\$ -	\$ -	\$ 2,600,000	\$ 5,356,000	\$ -
Sluice Gate Design	\$ -	\$ 835,000	\$ -	\$ -	\$ -
Sluice Gate Replacement - CFD & Physical Model Design	\$ 330,000	\$ 511,000	\$ -	\$ -	\$ -
Sonar & Turbidity Sensors	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extension - Alternative Analysis	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extension - Construction	\$ -	\$ -	\$ 1,082,000	\$ -	\$ -
Spillway 4 Rail Extension - Design	\$ -	\$ 525,000	\$ -	\$ -	\$ -
Spillway Gate Control	\$ -	\$ -	\$ -	\$ 200,000	\$ -
Spillway Gate Finite Element Analysis	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Spillway Gate Hoist Covers	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Surveying	\$ -	\$ -	\$ -	\$ -	\$ -
Tailrace Repairs & Improvements - Design	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Third Party Services	\$ -	\$ -	\$ -	\$ -	\$ -
Trash Rake Construction	\$ -	\$ -	\$ 1,770,000	\$ -	\$ -
Trash Rake Design	\$ -	\$ 191,000	\$ -	\$ -	\$ -
Trunnion Friction Testing	\$ -	\$ 65,000	\$ -	\$ -	\$ -

2021 CFP Budget FY22-FY25 Forecast					
	2021	2022	2023	2024	2025
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Welding/Machinery Services	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation	\$ 293,800	\$ 842,500	\$ 518,500	\$ 210,200	\$ 364,800
Advertising	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Alternate Take-Out Site 1	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Alternate Take-Out Site 2	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Campground A Loop Restroom	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Campground Electrical Replacement -Design	\$ -	\$ -	\$ -	\$ -	\$ 64,000
Campground Fishing Pond Assessment & Design	\$ -	\$ 85,000	\$ -	\$ -	\$ -
Campground Hosts	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
Campground Internet	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
Campground Paving	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
Campground Reservation Software	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
Campground Telephone	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
Contract Septic and Water Services	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
Contract Services (Backhoe, Gravel)	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
Contract Services (Sweeping)	\$ -	\$ -	\$ -	\$ -	\$ -
Copper Creek Take Out Site Parking	\$ 75,000	\$ 225,000	\$ -	\$ -	\$ -
D-Loop Electrical Design & Feed Replacements	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Electric Utilities	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
Fiber to Campground Extension Fee	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Garbage Service	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600
Ground Maintenance	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
Noxious Weed Control	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
Open/Close Packwood Gate	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
Park Equipment Repairs	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
Portable Restrooms	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
Potable Water and Septic System Testing	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
Recreation Assessment	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Repairs & Supplies	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000
Sewer & Water System Maintenance	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Sign Replacements	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Tools & Equipment	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Transmission	\$ 70,000	\$ 100,000	\$ 60,000	\$ 60,000	\$ 60,000
Line Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 10,000	\$ 40,000	\$ -	\$ -	\$ -
Labor	\$ 3,205,500	\$ 3,857,300	\$ 3,993,400	\$ 4,108,300	\$ 4,224,200
Wage, Benefits, & Taxes	\$ 3,205,500	\$ 3,857,300	\$ 3,993,400	\$ 4,108,300	\$ 4,224,200
Employee Medical Insurance	\$ 411,400	\$ 486,900	\$ 501,500	\$ 510,000	\$ 520,000
Employer PERS	\$ 131,400	\$ 171,500	\$ 177,600	\$ 180,000	\$ 185,000
ES Support Overhead	\$ 439,200	\$ 484,200	\$ 503,200	\$ 524,200	\$ 539,900
ES Support Wages	\$ 627,900	\$ 693,900	\$ 719,900	\$ 741,500	\$ 763,700
Flu Shot Clinics	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
L&I - Employer	\$ 16,200	\$ 28,100	\$ 30,800	\$ 31,700	\$ 32,700
Long Term Disability	\$ 3,200	\$ 4,200	\$ 4,500	\$ 4,500	\$ 4,500
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
OT Benefits	\$ 7,000	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200
OT TAXES	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
OT WAGES	\$ 52,000	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Paid Family Leave Benefit	\$ 2,100	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,400
PCORI ACA Requirement	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100

2021 CFP Budget FY22-FY25 Forecast					
	2021	2022	2023	2024	2025
PL Cash Out	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Short Term Disability	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
Social Security Medicare	\$ 100,400	\$ 129,000	\$ 133,500	\$ 137,500	\$ 141,600
Standby Pay	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
Term Ins Benefit	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,700	\$ 1,700
VEBA Benefit	\$ 12,200	\$ 16,000	\$ 16,500	\$ 17,000	\$ 17,500
VEBA Cash Out	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Wages	\$ 1,312,500	\$ 1,686,700	\$ 1,745,000	\$ 1,797,400	\$ 1,851,300
Wages - Capitalized	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ (1,525,600)	\$ 106,700	\$ 106,700	\$ 106,700	\$ 106,700
Bond Proceeds	\$ (1,632,300)	\$ -	\$ -	\$ -	\$ -
2021 Intercompany Proceeds	\$ (1,632,300)	\$ -	\$ -	\$ -	\$ -
Interest Expense	\$ 45,000	\$ 43,300	\$ 41,500	\$ 39,700	\$ 37,900
2021 CFP Intercompany - Interest	\$ 45,000	\$ 43,300	\$ 41,500	\$ 39,700	\$ 37,900
Principal	\$ 61,700	\$ 63,400	\$ 65,200	\$ 67,000	\$ 68,800
2021 CFP Intercompany - Principal	\$ 61,700	\$ 63,400	\$ 65,200	\$ 67,000	\$ 68,800
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
Taxes	\$ 8,200	\$ 8,200	\$ 8,200	\$ 8,200	\$ 8,200
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
TAXES - PRIVILEGE	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Project Reimbursement / Revenue	\$ (6,644,300)	\$ (12,923,950)	\$ (12,828,500)	\$ (12,797,500)	\$ (8,099,500)
Project Reimbursement	\$ (6,565,300)	\$ (12,839,950)	\$ (12,739,500)	\$ (12,703,500)	\$ (8,000,500)
BPA Project Reimbursement	\$ (6,565,300)	\$ (12,839,950)	\$ (12,739,500)	\$ (12,703,500)	\$ (8,000,500)
BPA Project Reimbursement (2019 Carry Over)	\$ -	\$ -	\$ -	\$ -	\$ -
Project Revenue	\$ (79,000)	\$ (84,000)	\$ (89,000)	\$ (94,000)	\$ (99,000)
Campground Revenue	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
Tacoma Fish Collector Reimbursement	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Wheeling - Offset Entry	\$ 746,000	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000
Transmission Wheeling - Rev Entry	\$ (746,000)	\$ (768,000)	\$ (791,000)	\$ (815,000)	\$ (839,000)
	\$ -	\$ -	\$ -	\$ -	\$ -

2021 CFP Budget Summary	
	2021
Admin & General	\$ 1,383,400
General	\$ 1,302,600
Training & Travel	\$ 80,800
Operating Expenses	\$ 3,515,900
Fish & Wildlife	\$ 143,900
General	\$ 1,822,100
Operating Expenses	\$ 1,186,100
Recreation	\$ 293,800
Transmission	\$ 70,000
Labor	\$ 3,205,500
Debt	\$ (1,525,600)
Bond Proceeds	\$ (1,632,300)
Interest Expense	\$ 45,000
Principal	\$ 61,700
Taxes	\$ 65,100
Project Reimbursement / Revenue	\$ (6,644,300)
Project Reimbursement	\$ (6,565,300)
Project Revenue	\$ (79,000)
Wheeling	\$ -
	\$ -

2021 CFP Large Projects and OR&R		Year	
Account Description	Detail	Life	2021
Electric Plant - Generation	5-Ton Bridge Crane	50	\$ 500,000
Electric Plant - Generation	Generator Hatch Cover Seals & Drains	25	\$ 120,000
Fish & Wildlife	Alternative Fishing Derby Site Development	0	\$ 50,000
Labor - CFP	Wages - Capitalized	20	\$ 200,000
Misc Expenses	Communications (Radios, etc)	10	\$ 5,900
Misc Expenses	Server/Cameras/Office Machines/Computers	5	\$ 5,400
Misc Hydraulic Plant	Control Room / Office Area Repairs	50	\$ 40,000
Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	50	\$ 45,000
Misc Hydraulic Plant	Spillway Handrail & Guardrail	100	\$ 140,000
Resv., Dams & Waterways	Service Air Compressor	25	\$ 1,000
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	50	\$ 330,000
Resv., Dams & Waterways	Sonar & Turbidity Sensors	7	\$ 150,000
Resv., Dams & Waterways	Spillway 4 Rail Extention - Alternative Analysis	50	\$ 45,000
Grand Total			\$ 1,632,300

BPA FY 2021 Budgeted Reimbursement Schedule

	FY 2020
October-19	\$ 547,200
November-19	\$ 547,100
December-19	\$ 547,100
January-20	\$ 547,100
February-20	\$ 547,100
March-20	\$ 547,100
April-20	\$ 547,100
May-20	\$ 547,100
June-20	\$ 547,100
July-20	\$ 547,100
August-20	\$ 547,100
September-20	\$ 547,100
Total Scheduled Payments	\$ 6,565,300
Reserve Balance	\$ 350,000
Days Cash On Hand (DCOH)	\$ 19.5

From: Chris Roden

Sent: Fri Aug 21 16:23:50 2020

To: Carlson,Debbie (BPA) - PGAC-RICHLAND; Sonoda,Cherie D (BPA) - PGAC-RICHLAND

Cc: Brad Ford; Doug Streeter CPA; Joe First; Allen Unzelman; Matt Samuelson; Michelle Holmes

Subject: [EXTERNAL] CFP 2021 budget information

Importance: Normal

Attachments: 2021 Support Labor Details.pdf; 2021 Direct Labor 2020 08 20.pdf; 2021 CFP Support Labor Report 2020 08 20.pdf; 2021 Budget Exec Summary 2020 08 21.pdf; CF Existing Job Descriptions.pdf; CF Staff Accountant II.pdf; CF Network Administrator I.pdf; CF Procurement Specialist.pdf; 2021 Draft OR&R Budget 2020 08 21.pdf; CF - Draft Org Chart 2020 08 21.pdf; 2021 - 2025 Draft CFP Budget by Expense 2020 08 21.pdf; 2021 - 2025 Draft CFP Budget by Category 2020 08 21.pdf; CF 3-year Postion Forecast - Justification.pdf; Bioioist Position.pdf; 2021 Budget Change Log 2020 08 21.pdf

Debbie and Cherie,

Thanks again for taking the time to chat about the budget this week and take part in an extra meeting next week. We've attached a number of the requested documents and incorporated the recently discussed adjustments into a new working draft. We've also created an executive summary of the 2021 budget relative to the 2020 budget. The summary provides helpful context when looking at what is driving increases in the different cost categories.

We look forward to hearing any additional thoughts and considerations before we establish a final 2021 budget. If you have thoughts on the format of the information provided please let us know.

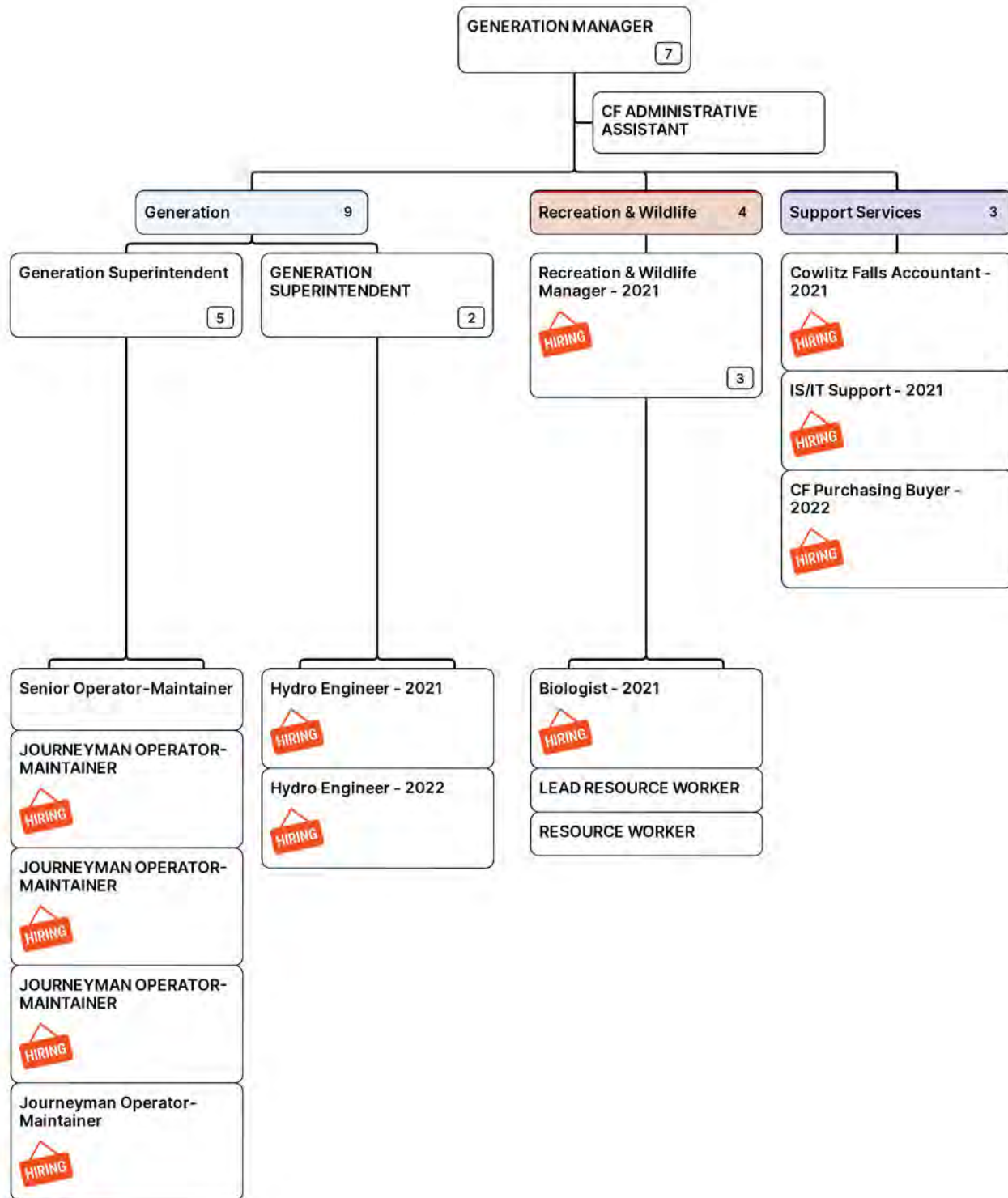
Chris

Chris Roden

General Manager | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2435 | e:chrisr@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.

GENERATION MANAGER



From: Brad Ford

Sent: Thu Aug 27 16:46:02 2020

To: Carlson,Debbie (BPA) - PGAC-RICHLAND

Cc: Joe First; Doug Streeter CPA; Wendy Woody

Subject: [EXTERNAL] CFP FY 2020 Budget

Importance: Normal

Attachments: 2020 Final CFP Budget Detail.pdf

Hi Debbie,

Attached is the CFP FY 2020 Budget detail.

Brad

Brad Ford

Chief Financial Officer | Lewis County PUD | www.lcpud.org

o:(360) 748-9261 | d:(360) 740-2417 | e: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.

Dept	Account Description	Detail	GL	2020
CF	Project Reimbursement / Revenue	Tacoma Fish Collector Reimbursement	2-08-537-050	
	A&G	Bank Fees	2-08-921-000	\$ 1,000
		Communications Fiber - User Fee	2-08-921-000	\$ 6,000
		County Taxes	2-08-921-000	\$ 1,000
		Licenses & Permits	2-08-921-000	\$ 6,400
		Misc	2-08-921-000	\$ 2,700
		Office Supplies	2-08-921-000	\$ 8,000
	CFP - PROFESSIONAL SERVICES	Auditing	2-08-923-000	\$ 21,000
		Budgeting Support & Analysis	2-08-923-000	\$ 26,400
		Computer Services Provided by E.S.	2-08-923-000	\$ 5,600
		Dam Safety Consultant	2-08-923-000	\$ 84,000
		Engineering Consultants	2-08-923-000	\$ 16,200
		Fire Districts	2-08-923-000	\$ 17,700
		Labor Consultant	2-08-923-000	\$ 1,000
		Legal Services (BiOp & FERC Issues)	2-08-923-000	\$ 16,200
		Legal Services (General Issues)	2-08-923-000	\$ 15,000
		Long Range Plan Analysis	2-08-923-000	\$ 103,000
		NERC/WECC Standard TPL-007	2-08-923-000	\$ -
		Records Management	2-08-923-000	
		Telephone Provided by E.S.	2-08-923-000	\$ 3,300
		WECC & NERC Consultants	2-08-923-000	\$ 55,000
	CFP-Fish & Wildlife	Cispus Fish Release Site Improvements	2-08-537-010	\$ 3,500
		Creel Study	2-08-537-010	\$ -
		Derby Site Enhancement	2-08-537-010	
		Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010	\$ 10,000
		Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010	\$ 8,400
		Kid's Trout Derby	2-08-537-010	\$ -
		Mitigation Land	2-08-537-010	\$ -
		Mitigation Trout Program	2-08-537-010	\$ 40,500
		Noxious Weed Control Contractor	2-08-537-010	\$ 8,800
	Electric Plant - Generation Only	Electrical Parts	2-08-544-000	\$ 8,000
		GSU Transformer Drawings	2-08-544-000	\$ 17,000
		Instrumentation Parts	2-08-544-000	\$ 8,000
		Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400
		Mechanical Contractors	2-08-544-000	
		Mechanical Parts	2-08-544-000	\$ 8,000
		Protective Relay Testing	2-08-544-000	\$ 28,000
		Scroll Case & Draft Tube Valves	2-08-544-000	\$ 15,000
		Transformer Oil Processing & Testing	2-08-544-000	\$ 1,000
	Endangered Species Act Requirements	Habitat & Fish Recovery Services (WDFW)	2-08-537-060	\$ 10,000
	Insurance	Auto	2-08-924-000	\$ 6,000
		Excess Liability Insurance	2-08-924-000	\$ 13,000
		Liability Insurance	2-08-924-000	\$ 22,500
		Property Insurance	2-08-924-000	\$ 158,500
	License Compliance	Cooper Compliance Audit	2-08-928-000	
		FERC Fixed Fees	2-08-928-000	\$ 61,300
		Port Blakely Easement	2-08-928-000	\$ 16,000
		USGS Gauging Station Fees	2-08-928-000	\$ 37,300
		WECC Fees	2-08-928-000	\$ -
	Misc Expenses	CEATI Membership	2-08-539-000	\$ 36,000
		CF Project Telephones	2-08-539-000	\$ 7,000
		CFP Cell Phones	2-08-539-000	\$ 1,600
		Communications (Radios, etc.)	2-08-539-000	\$ 5,900
		Ecology Water Tax	2-08-539-000	\$ 7,500

Dept	Account Description	Detail	GL	2020
CF	Misc Expenses	Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 10,900
		Garbage Service	2-08-539-000	\$ 2,200
		NHA Membership	2-08-539-000	
		NWHA Membership	2-08-539-000	\$ 800
		Operator Remote SCADA Communications	2-08-539-000	\$ 8,000
		Radio / Pager System Improvements	2-08-539-000	\$ 2,000
		Security - Locks, Signs, etc.	2-08-539-000	\$ 1,500
		Security Improvements	2-08-539-000	
		Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400
		Shelving & Furniture	2-08-539-000	\$ 2,000
		Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200
	Misc Hydraulic Plant	Inspections	2-08-545-000	\$ 2,200
		Buffer Zone Management	2-08-545-000	\$ 1,000
		Contract Crane Inspections	2-08-545-000	\$ 12,600
		Control Room / Office Area Repairs	2-08-545-000	\$ -
		Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 20,000
		Drainage System	2-08-545-000	\$ 3,000
		HVAC	2-08-545-000	\$ 3,200
		Lathe	2-08-545-000	\$ -
		Manuals, Major Tools, Safety Improvements	2-08-545-000	\$ 6,000
		Modular Office Space	2-08-545-000	\$ 40,000
		Plant Lighting	2-08-545-000	\$ 1,000
		Plant Water Wells & Testing	2-08-545-000	\$ 1,200
		Rentals	2-08-545-000	
		Road Fees	2-08-545-000	\$ 4,200
		Roadway Gates	2-08-545-000	
		Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 1,600
		Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 10,000
		Warehouse Repairs	2-08-545-000	\$ 10,000
	Office Supplies and Expenses	Document Management Software	2-08-921-002	
	Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	\$ 1,000
		Automatic Transfer Switch Drawings	2-08-543-000	\$ 18,000
		Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000
		Contract Maintenance Elevator	2-08-543-000	\$ 14,800
		Dam Instrumentation	2-08-543-000	\$ 4,000
		Debris Barrier	2-08-543-000	\$ 6,000
		Debris Barrier Cathodic Protection Design	2-08-543-000	\$ 30,000
		Debris Barrier Coating Design	2-08-543-000	\$ 25,000
		Debris Removal	2-08-543-000	\$ 1,000
		Diving Services	2-08-543-000	\$ 12,000
		Equipment Rental	2-08-543-000	\$ 18,900
		Gantry Crane Remote Control Drawings	2-08-543-000	\$ 35,000
		Governor	2-08-543-000	\$ 1,000
		Governor Selsyns	2-08-543-000	\$ 15,000
		Log Bronc Maintenance	2-08-543-000	\$ 1,000
		Mechanical & Piping	2-08-543-000	\$ 6,600
		Metal	2-08-543-000	\$ 3,000
		Packwood Hydro Visibility	2-08-543-000	\$ 20,400
		Painting & Special Coatings	2-08-543-000	\$ 3,200
		Plant Annunciator	2-08-543-000	\$ 22,000
		Replacement of Project SCADA	2-08-543-000	\$ 868,000
		Spillway Gates	2-08-543-000	\$ 3,000
		Turbidity sensor communication	2-08-543-000	\$ 1,020
		Welding/Machinery Services	2-08-543-000	

Dept	Account Description	Detail	GL	2020
CF	Supervision & Engineering - Non Labor	FERC Dam Movement Survey	2-08-535-002	\$ 8,400
		Sedimentation Survey	2-08-535-002	\$ 2,700
		Surveying	2-08-535-002	
	Tacoma Fish	Materials	2-08-537-042	
		Third Party Services	2-08-537-042	
	Transmission Line	Line Maintenance	2-08-571-002	
		ROW Maintenance	2-08-571-002	\$ 50,000
		Transmission Line Corridor Planting	2-08-571-002	\$ 20,000
	Recreation	Advertising	2-08-537-020	\$ 3,000
		Building Maintenance	2-08-545-020	\$ 3,200
		Campground Hosts	2-08-537-020	\$ 4,000
		Campground Internet	2-08-537-020	\$ 1,500
		Campground Reservation Software	2-08-537-020	\$ 4,800
		Campground telephone	2-08-537-020	\$ 1,300
		Contract Septic and Water Services	2-08-537-020	\$ 25,000
		Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 4,000
		Contract Services (Dock Installation and Removal)	2-08-545-020	\$ -
		Contract Services (Sweeping)	2-08-545-020	\$ -
		Electric Utilities	2-08-537-020	\$ 6,000
		Garbage Service	2-08-537-020	\$ 6,000
		Ground Maintenance	2-08-545-020	\$ 2,200
		Noxious Weed Control	2-08-545-020	\$ 5,000
		Open/Close Packwood Gate	2-08-545-020	\$ 2,500
		Operation Supplies	2-08-537-020	\$ 2,200
		Packwood Irrigation	2-08-545-020	\$ -
		Park Equipment Repairs	2-08-545-020	\$ 3,200
		Portable Restrooms	2-08-537-020	\$ 2,100
		Repairs & Supplies	2-08-537-020	\$ 8,200
		Sewer & Water System Maintenance	2-08-545-020	\$ 4,400
		Sign Repair	2-08-545-020	\$ 2,200
		Tools & Equipment	2-08-545-020	\$ 2,000
		Water and Septic Testing	2-08-537-020	\$ 2,000
GENERAL	CFP WAGES	Wages	2-00-926-999	\$ 1,084,300
	CFP WAGES - OVER TIME - BENEFITS	OT Benefits	2-00-926-999	\$ 7,800
	CFP WAGES - OVER TIME - STANDBY	Standby Pay	2-00-926-999	\$ 36,000
	CFP WAGES - OVER TIME - TAXES	OT Taxes	2-00-926-999	\$ 4,000
	CFP WAGES - OVER TIME - WAGES	OT Wages	2-00-926-999	\$ 52,200
	EMPLOYEE MEDICAL INSURANCE	Employee Medical Insurance	2-00-926-110	\$ 280,700
	ES SUPPORT OVERHEAD	ES Support Overhead	2-00-926-999	\$ 268,200
	ES SUPPORT WAGES	ES Support Wages	2-00-926-999	\$ 389,700
	FLU SHOT CLINICS	Flue Shot Clinics	2-00-926-140	\$ 400
	Health, Welfare, Safety	Arc Flash Training	2-00-925-102	
		Process Documentation & Training	2-00-925-102	\$ 28,000
		Rope Access Training	2-00-925-102	\$ 4,500
	L&I - Employer	L&I - Employer	2-00-926-400	\$ 11,600
	Long Term Disability	Long Term Disability	2-00-926-300	\$ 2,800
	Misc Expenses	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000
		CF Vehicle Maintenance	2-00-184-012	\$ 12,000
	MISC PENSION AND BENEFITS	Misc HR Expenses	2-00-926-000	\$ 5,000
	PCORI FEES	ACA Requirement	2-00-926-120	\$ 100
	PERS - Employer	PERS	2-00-926-200	\$ 139,300
	PL Cash Out	PL Cash Out	2-00-242-200	\$ 15,000
	SHORT TERM DISABILITY(EMPLOYER)	Short Term Disability Benefit	2-00-926-700	\$ 2,000
	SOCIAL SECURITY MEDICARE	Social Security Medicare	2-00-926-999	\$ 83,000

Dept	Account Description	Detail	GL	2020
GENERAL	TAXES - PRIVILEGE	Privilege Tax	2-00-408-200	\$ 56,900
	Term Ins Benefit	Term Ins Benefit	2-00-926-300	\$ 1,100
	VEBA - Employer	VEBA Benefit	2-00-926-800	\$ 10,800
	VEBA CASHOUT	VEBA Cash Out	2-00-926-600	\$ 5,000
	WA Paid Family Medical Leave - Employer	Paid Family Leave Benefit	2-00-926-500	\$ 1,600
	RETIREE/COBRA - PREMIUMS & CLAIMS	COBRA	2-00-926-100	\$ 20,000
	Project Revenue	BPA Project Reimbursement	2-00-456-200	\$ (4,542,120)
		BPA Project Reimbursement (Carry Over)	2-00-456-200	\$ (500,000)
		Campground Revenue	2-00-417-000	\$ -
		Interest Income	2-00-419-000	\$ (3,000)
		Misc. Revenue	2-00-456-300	\$ (10,000)
	Transportation Equipment	Dump Trailer	2-00-392-012	\$ 7,000
		Flatbed Trailer	2-00-392-012	\$ 3,000
		Two Lift gates	2-00-392-012	\$ 7,000
		Vehicle for Gen Superintendent	2-00-392-012	\$ 30,000
		Vehicle for Operators	2-00-392-012	\$ 38,000
SPCF	SPCF - Structures - Non Labor	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300
	SPCF - A&G Training and Travel - Detail	American Fisheries Society Meeting	2-09-921-002	\$ -
		AVO Thermography I	2-09-921-002	\$ -
		CEATI Annual Meeting	2-09-921-002	\$ -
		CEATI DSIG Meeting	2-09-921-002	\$ 4,000
		CEATI HPLIG Meeting	2-09-921-002	\$ -
		Computer Training	2-09-921-002	\$ -
		EPTC Total	2-09-921-002	\$ 9,200
		EPTC Elect. Fundamentals	2-09-921-002	\$ -
		EPTC Power Plant Operation	2-09-921-002	\$ -
		EPTC Relay Protection	2-09-921-002	\$ -
		HydroVision	2-09-921-002	\$ -
		NW Hydro Forum	2-09-921-002	\$ -
		NWHA Annual Meeting	2-09-921-002	\$ -
		NWHA Workshop	2-09-921-002	\$ -
		NWPPA Admin Asst. Training	2-09-921-002	\$ -
		NWPPA Leadership Training	2-09-921-002	\$ -
		Pesticide Application Training	2-09-921-002	\$ -
		Records Training	2-09-921-002	\$ -
		TPC Elect. Workshop	2-09-921-002	\$ -
		Training & Travel Total	2-09-921-002	\$ 15,000
		Water / Wastewater Training	2-09-921-002	\$ -
		WPUDA Admin Roundtable	2-09-921-002	\$ -
		WPUDA Records Roundtable	2-09-921-002	\$ -
	SPCF - Supplies & Expenses - Non Labor	Consumable First Aid Supplies	2-09-539-002	\$ 3,200
		Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400
		Fall Protection Equipment	2-09-539-002	\$ 1,500
		FR Clothing	2-09-539-002	\$ 8,000
		Rope Access Gear	2-09-539-002	\$ 1,500
		Small Tools	2-09-539-002	\$ 2,500
Grand Total				\$ -

From: ourfamily

Sent: Tue Dec 31 12:01:44 2019

To: Michael McCarty

Cc: (b) (6); michelleh@lcpud.org; gabbas@fs.fed.us; (b) (6); (b) (6);
(b) (6) records LCPUD Public; Carol.Sedar@ecy.wa.gov; (b) (6); chris@lcpud.org;
(b) (6) Carlson,Debbie (BPA) - PGAC-RICHLAND; (b) (6); (b) (6);
(b) (6); (b) (6) joef@lcpud.org; (b) (6); lauraw@lcpud.org;
(b) (6); Peggy.Miller@dfw.wa.gov;
(b) (6);
susan_rosebrough@nps.gov; (b) (6); Jon Cofrancesco

Subject: [EXTERNAL] Cispus Use data: in FERC P-2833-108 by Public Utility District No. 1 of Lewis County (WA), et al.

Importance: Normal

Hi All,

The 12,288 photos the PUD has acquired documenting Copper Canyon use are from one camera. The PUD did not provide Becky the data from the second camera aimed at the boat ramp and water.

Also, the earliest photos provided were from May 2019. No photos from Fall 2018, or Spring 2019 were provided.

Michael

From: Chris Roden

Sent: Thu Sep 24 17:00:01 2020

To: Connolly,Kieran P (BPA) - PG-5

Cc: Todd,Wayne A (BPA) - PGA-6; Carlson,Debbie (BPA) - PGAC-RICHLAND; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Brad Ford; Joe First; Doug Streeter CPA; Matt Samuelson; Wendy Woody; Allen Unzelman

Subject: [EXTERNAL] Cowlitz Falls Project 2021 Budget

Importance: Normal

Attachments: 2021 CFP Budget Letter and Materials.pdf

Kieran,

I hope you are doing well. I have attached the Cowlitz Falls Project 2021 budget and supplemental materials in advance of the October 1st fiscal year. If you have any questions please don't hesitate to reach out.

Chris

Chris Roden

General Manager | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2435 | e:chrisr@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.

Lewis County

PUBLIC UTILITY DISTRICT

P.O. BOX 330 CHEHALIS, WA 98532 • 321 N.W. PACIFIC AVENUE CHEHALIS, WA 98532
(800) 562-5612 • (360) 748-9261 • FAX (360) 740-2455 • www.lcpud.org

Mr. Kieran Connolly
Vice President
Generation Asset Management
Bonneville Power Administration
PO Box 3621
Portland, OR 97208-3621

Thursday, September 24, 2020

RE: PGAC/Richland

Dear Mr. Connolly:

Over the past several months, Public Utility District No. 1 of Lewis County (District) has worked with the Bonneville Power Administration (BPA) to create the FY 2021 budget for the Cowlitz Falls Project ("Project"). The attached document represents a working FY2021 budget and FY2022-FY2025 outlook.

Within the provided budget documents the District has incorporated an intercompany loan between the District's electric system and the Project for the purposes of funding expected OR&R costs. A refunding of the intercompany loan will be completed in no less than 3 years and may include future budget years OR&R costs as agreed to by the District. The current funding approach includes OR&R costs amortized over 20 years at a rate of Local Government Investment Pool (LGIP) 30-day rates plus 2.5% which totals 2.741614%.

We believe the offer of District financing allows for a low cost and streamlined approach to completing many of the needed OR&R projects while being aware of BPA's cashflow sensitivities.

The expenditures reflected in the budget represent a stepped approach to fully funding the Project and addressing many of the deferred costs over time. Several large projects and positions have again been deferred into a future year as seen in the attached budget outlook. The District believes the enclosed FY2021 budget allows for the safe and reliable operation of the project in the near term, but it is not without added risk. Priority has been placed on compliance and safety related projects. Budget items needed to sustain the project through unexpected conditions or component failure have been removed at the request of BPA staff. Full staffing needed to complete the growing list of deferred and pending large projects has not been included at the request of BPA staff. Inventory levels are being kept artificially at the request of BPA staff. Large project cost analysis expenditures have been removed at the request of BPA staff. Cash reserve amounts have been held flat with the expectation that should liquidity issues arise BPA would quickly provide the required amounts as advised by BPA staff.



Within the FY2021 the District has provided a supplemental report listing OR&R projects and the expected useful life as informed by the Federal Hydropower Replacements Blue Book (2017 Revision 1.1). This information is needed to complete the process for determining the residual value for projects completed and deferred upon contract termination.

As we look forward to beginning the FY2021 operating year, it is our hope that Bonneville will engage with Lewis PUD in a good-faith assessment of all costs that are necessary to fulfill the obligations of the Project Agreement beginning in FY2022. We remain committed to our role as stewards of the Project and look forward to your response to the enclosed budget.

Sincerely,

(b) (6)

Chris Roden
Public Utility District #1 of Lewis County
Manager

2021 Cowtliz Falls Budget Summary

	2021
Admin & General	\$ 1,383,300
General	\$ 1,302,500
Training & Travel	\$ 80,800
Operating Expenses	\$ 3,515,900
Fish & Wildlife	\$ 143,900
General	\$ 1,822,100
Operating Expenses	\$ 1,186,100
Recreation	\$ 293,800
Transmission	\$ 70,000
Labor	\$ 3,205,500
Wage, Benefits, & Taxes	\$ 3,205,500
Debt	\$ (1,525,600)
Interest Expense	\$ 45,000
Principal	\$ 61,700
Intercompany Loan Proceeds	\$ (1,632,300)
Taxes	\$ 65,100
Taxes	\$ 8,200
Taxes - Privilege	\$ 56,900
Project Reimbursement / Revenue	\$ (6,644,200)
Project Reimbursement	\$ (6,565,200)
Project Revenue	\$ (79,000)
Wheeling	\$ -
Wheeling	\$ -
Total (\$0 is Balanced)	\$ -
Project Expenditures	\$ 8,276,500
BPA Reimbursement	\$ (6,565,200)
Intercompany Loan Proceeds	\$ (1,632,300)
Other Project Revenue	\$ (79,000)
Total (\$0 is Balanced)	\$ -

BPA FY 2021 Budgeted Reimbursement Schedule

	FY 2021
October-19	\$ (547,100)
November-19	\$ (547,100)
December-19	\$ (547,100)
January-20	\$ (547,100)
February-20	\$ (547,100)
March-20	\$ (547,100)
April-20	\$ (547,100)
May-20	\$ (547,100)
June-20	\$ (547,100)
July-20	\$ (547,100)
August-20	\$ (547,100)
September-20	\$ (547,100)
Total Scheduled Payments	\$ (6,565,200)
Reserve Balance	\$ 350,000
Days Cash On Hand (DCOH)	\$ (19.5)

2021 CFP 2021 Budget Detail		2021
Admin & General		\$ 1,383,300
General		\$ 1,302,500
A&G Exhibit F		\$ 537,700
Auditing		\$ 20,900
Bank Fees		\$ 1,000
CF Vehicle and Equipment Fuel		\$ 16,000
CF Vehicle Maintenance		\$ 12,000
Communication Services		\$ 3,300
Communications Fiber - User Fee		\$ 6,500
Computer Services		\$ 5,600
Consumable First Aid Supplies		\$ 3,200
Consumable Janitorial Supplies		\$ 1,300
Consumable Safety Supplies & PPE		\$ 5,400
Dam Safety Consultant		\$ 84,000
Engineering Consultants		\$ 65,000
Excess Liability Insurance		\$ 19,000
FERC Fixed Fees		\$ 65,000
Fire District Payment		\$ 19,000
Labor Consultant		\$ 1,000
Legal Services (BiOp & FERC Issues)		\$ 24,200
Legal Services (General Issues)		\$ 20,000
Liability Insurance		\$ 10,000
Licenses & Permits		\$ 6,400
Long Range Plan Analysis		\$ 50,000
Misc		\$ 5,400
Office Supplies		\$ 9,000
Other		\$ 3,000
Port Blakely Easement		\$ 17,500
Project Analysis		\$ 20,000
Property Insurance		\$ 170,000
Small Tools		\$ 2,500
USGS Gauging Station Fees		\$ 40,600
WECC & NERC Consultants		\$ 58,000
Training & Travel		\$ 80,800
American Fisheries Society Meeting		\$ 1,500
AVO Circuit Breaker Maintenance		\$ 2,400
CEATI Annual Meeting		\$ 2,200
Computer Training		\$ 800
Confined Space Training		\$ 8,000
HydroVision		\$ 2,000
NW Hydro Forum		\$ 400
NWHA Annual Meeting		\$ 500
NWHA Workshop		\$ 600
NWPPA Admin Asst Training		\$ 2,400
NWPPA Leadership Training		\$ 3,400
Operator Training Development		\$ 45,000
Pesticide Application Training		\$ 800
Records Training		\$ 700
Rope Access Training		\$ 8,000
Water / Wastewater Training		\$ 1,200
WPUDA Admin Roundtable		\$ 600
WPUDA Records Roundtable		\$ 300
Operating Expenses		\$ 3,515,900
Fish & Wildlife		\$ 143,900
Alternative Fishing Derby Site Development		\$ 50,000
Creel Study		\$ 18,000
Fish & Wildlife Contract Services (RTL Consulting)		\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants		\$ 8,700
Kid's Trout Derby		\$ 5,200
Mitigation Trout Program		\$ 43,000
Noxious Weed Control Contractor		\$ 9,000
General		\$ 1,822,100
230 kV Circuit Breaker Maintenance		\$ 45,000
5-Ton Bridge Crane		\$ 500,000
AVR Testing		\$ 60,000

2021 CFP 2021 Budget Detail	
	2021
Buffer Zone Management	\$ 2,000
CEATI Membership	\$ 36,000
CEATI Projects	\$ 15,000
CF Project Telephones	\$ 7,000
CFP Cell Phones	\$ 1,600
Communications (Radios, etc)	\$ 5,900
Computer Software	\$ 2,000
Contract Crane Inspections	\$ 12,600
Control Room / Office Area Repairs	\$ 40,000
Convert Engineering Drawings to AutoCAD	\$ 20,000
Cooling Water Valves	\$ 8,000
Drainage System	\$ 3,000
Electric Utilities - Secondary Power Feed	\$ 11,200
Electrical Contractors	\$ 45,000
Electrical Parts	\$ 14,000
Fall Protection Equipment	\$ 1,500
FR Clothing	\$ 8,000
Garbage Service	\$ 2,300
Generator Hatch Cover Seals & Drains	\$ 120,000
Generator Parameter Validation Testing	\$ 160,000
Habitat & Fish Recovery Services (WDFW)	\$ 10,000
HVAC	\$ 3,200
Inspections	\$ 2,200
Instrumentation Parts	\$ 10,000
Maintenance Supplies for Electric Plant	\$ 5,400
Mechanical Contractors	\$ 45,000
Mechanical Parts	\$ 14,000
New Facility - Analysis/Design/Site Testing	\$ 45,000
NWHA Membership	\$ 800
Operator Remote SCADA Communications	\$ 8,000
Plant Lighting	\$ 1,000
Plant Water Wells & Testing	\$ 1,200
Radio / Pager System Improvements	\$ 25,000
Rope Access Gear	\$ 1,500
Safety Improvements	\$ 5,000
Security Assessment	\$ 85,000
Security/Plant Locks	\$ 1,500
Server/Cameras/Office Machines/Computers	\$ 5,400
Shelving & Furniture	\$ 2,000
Smoke Detectors & Fire Water Systems	\$ 2,600
Spillway Handrail & Guardrail	\$ 140,000
Structure Maintenance; Concrete, Fencing	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200
Temporary Offices	\$ 200,000
Tools & Equipment	\$ 15,000
Transformer Oil Processing & Testing	\$ 1,000
Turbine Maintenance Seals	\$ 50,000
Operating Expenses	\$ 1,186,100
1D Sediment Transport Study	\$ 100,000
Contract Diesel Generator Maintenance	\$ 10,000
Contract Maintenance Elevator	\$ 15,000
Contract Operators	\$ 70,000
Dam Instrumentation	\$ 6,000
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000
Debris Barrier Corrosion Inhibitor	\$ 10,000
Debris Barrier Parts	\$ 1,000
Debris Removal	\$ 6,000
Diving Services	\$ 12,500
Equipment Rental	\$ 30,800
FERC Dam Movement Survey	\$ 8,400
Governor	\$ 4,000
Governor 3D CAM	\$ 40,000
Log Bronc Maintenance	\$ 1,000
Mechanical & Piping	\$ 9,000
Metal	\$ 12,000

2021 CFP 2021 Budget Detail	
	2021
Painting & Special Coatings	\$ 3,200
SCADA Support	\$ 50,000
Sedimentation Survey	\$ 5,200
Seismic Study	\$ 100,000
Service Air Compressor	\$ 1,000
Sluice Gate Replacement - CFD & Physical Model Design	\$ 330,000
Sonar & Turbidity Sensors	\$ 150,000
Spillway 4 Rail Extention - Alternative Analysis	\$ 45,000
Spillway Gates	\$ 5,000
Turbidity Sensor Communication	\$ 1,000
Recreation	\$ 293,800
Advertising	\$ 3,000
Building Maintenance	\$ 3,200
Campground Hosts	\$ 115,400
Campground Internet	\$ 3,000
Campground Reservation Software	\$ 5,000
Campground Telephone	\$ 1,300
Contract Septic and Water Services	\$ 25,000
Contract Services (Backhoe, Gravel)	\$ 7,000
Contract Services (Dock Installation and Removal)	\$ 2,500
Copper Creek Take Out Site Parking	\$ 75,000
Electric Utilities	\$ 6,200
Garbage Service	\$ 6,200
Ground Maintenance	\$ 3,200
Noxious Weed Control	\$ 5,000
Open/Close Packwood Gate	\$ 2,600
Operation Supplies	\$ 2,200
Park Equipment Repairs	\$ 3,200
Portable Restrooms	\$ 2,200
Potable Water and Septic System Testing	\$ 2,000
Repairs & Supplies	\$ 9,000
Sewer & Water System Maintenance	\$ 6,400
Sign Replacements	\$ 2,200
Tools & Equipment	\$ 3,000
Transmission	\$ 70,000
ROW Maintenance	\$ 60,000
Transmission Line Corridor Planting	\$ 10,000
Labor	\$ 3,205,500
Wage, Benefits, & Taxes	\$ 3,205,500
Employee Medical Insurance	\$ 411,400
Employer PERS	\$ 131,400
ES Support Overhead	\$ 439,200
ES Support Wages	\$ 627,900
Flu Shot Clinics	\$ 400
L&I - Employer	\$ 16,200
Long Term Disability	\$ 3,200
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000
OT Benefits	\$ 7,000
OT TAXES	\$ 4,000
OT WAGES	\$ 52,000
Paid Family Leave Benefit	\$ 2,100
PCORI ACA Requirement	\$ 100
PL Cash Out	\$ 15,000
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000
Short Term Disability	\$ 2,000
Social Security Medicare	\$ 100,400
Standby Pay	\$ 37,100
Term Ins Benefit	\$ 1,400
VEBA Benefit	\$ 12,200
VEBA Cash Out	\$ 5,000
Wages	\$ 1,312,500
Wages - Capitalized	\$ -
Debt	\$ (1,525,600)
Interest Expense	\$ 45,000
2021 CFP Intercompany - Interest	\$ 45,000

2021 CFP 2021 Budget Detail	
	2021
Principal	\$ 61,700
2021 CFP Intercompany - Principal	\$ 61,700
Intercompany Loan Proceeds	\$ (1,632,300)
2021 Intercompany Proceeds	\$ (1,632,300)
Taxes	\$ 65,100
Taxes	\$ 8,200
County Taxes	\$ 700
Ecology Water Tax	\$ 7,500
Taxes - Privilege	\$ 56,900
Privilege Tax	\$ 56,900
Project Reimbursement / Revenue	\$ (6,644,200)
Project Reimbursement	\$ (6,565,200)
BPA Project Reimbursement	\$ (6,565,200)
Project Revenue	\$ (79,000)
Campground Revenue	\$ (75,000)
Interest Income	\$ (4,000)
Wheeling	\$ -
Wheeling	\$ -
Transmission Wheeling - Offset Entry	\$ 746,000
Transmission Wheeling - Rev Entry	\$ (746,000)
	\$ -

2021 CFP Budget FY22-FY25 Forecast

	2021	2022	2023	2024	2025
Admin & General	\$ 1,383,300	\$ 1,406,950	\$ 1,422,000	\$ 1,442,800	\$ 1,457,700
General	\$ 1,302,500	\$ 1,336,350	\$ 1,360,500	\$ 1,384,700	\$ 1,409,600
A&G Exhibit F	\$ 537,700	\$ 582,900	\$ 605,000	\$ 623,000	\$ 641,700
Auditing	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
Bank Fees	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
CF Vehicle Maintenance	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Communication Services	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Communications Fiber - User Fee	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
Computer Services	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
Consumable First Aid Supplies	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Consumable Janitorial Supplies	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
Consumable Safety Supplies & PPE	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Cooper Compliance Audit	\$ -	\$ -	\$ -	\$ -	\$ -
Dam Safety Consultant	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
Document Management Software	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering Consultants	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
Excess Liability Insurance	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
FERC Fixed Fees	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Fire District Payment	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
Labor Consultant	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Legal Services (BiOp & FERC Issues)	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
Legal Services (General Issues)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Liability Insurance	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
Licenses & Permits	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Long Range Plan Analysis	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
Misc	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Office Supplies	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Other	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
Port Blakely Easement	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
Project Analysis	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Property Insurance	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
Records Management	\$ -	\$ -	\$ -	\$ -	\$ -
Small Tools	\$ 2,500	\$ -	\$ -	\$ -	\$ -
USGS Gauging Station Fees	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600
WECC & NERC Consultants	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
WECC Fees	\$ -	\$ -	\$ -	\$ -	\$ -
Training & Travel	\$ 80,800	\$ 70,600	\$ 61,500	\$ 58,100	\$ 48,100
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ -	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
Arc Flash Training	\$ -	\$ -	\$ 3,000	\$ -	\$ -
AVO Circuit Breaker Maintenance	\$ 2,400	\$ -	\$ -	\$ 5,000	\$ -
AVO Substation Maintenance I	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -
AVO Thermography I	\$ -	\$ -	\$ -	\$ 5,000	\$ -
AVO Thermography II	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
CEATI Annual Meeting	\$ 2,200	\$ 2,200	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CEATI HPLIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
Computer Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Confined Space Training	\$ 8,000	\$ -	\$ -	\$ -	\$ -
EPTC Switching & Grounding	\$ -	\$ 7,000	\$ 7,000	\$ -	\$ -
EPTC Elect Fundamentals	\$ -	\$ 7,000	\$ -	\$ -	\$ -
EPTC Power Plant Operation	\$ -	\$ -	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Fall Protection Training	\$ -	\$ 8,000	\$ -	\$ -	\$ -
HydroVision	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
NW Hydro Forum	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
NWHA Annual Meeting	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
NWHA Workshop	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
NWPPA Admin Asst Training	\$ 2,400	\$ 2,400	\$ 2,400	\$ -	\$ -
NWPPA Leadership Training	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
Operator Training Development	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Pesticide Application Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Records Training	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Rope Access Training	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
TPC Elect Workshop	\$ -	\$ -	\$ 6,000	\$ -	\$ -
Water / Wastewater Training	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
WPUA Admin Roundtable	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
WPUA Records Roundtable	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Operating Expenses	\$ 3,515,900	\$ 7,487,900	\$ 7,241,300	\$ 7,074,600	\$ 2,245,800
Fish & Wildlife	\$ 143,900	\$ 108,700	\$ 80,700	\$ 83,200	\$ 105,200
Alternative Fishing Derby Site Development	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Creel Study	\$ 18,000	\$ -	\$ -	\$ -	\$ 20,000

2021 CFP Budget FY22-FY25 Forecast

	2021	2022	2023	2024	2025
Derby Site Reinforcement / Habitat Enhancement	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
Kid's Trout Derby	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Mitigation Trout Program	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
Noxious Weed Control Contractor	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
Fleet	\$ -	\$ 62,000	\$ 72,000	\$ 30,000	\$ 70,000
Mower	\$ -	\$ 22,000	\$ -	\$ -	\$ -
RT Fork Lift	\$ -	\$ -	\$ -	\$ -	\$ 70,000
Side By Side	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -
Vehicle for Gen Superintendent	\$ -	\$ 40,000	\$ -	\$ -	\$ -
Vehicle for Resource Worker	\$ -	\$ -	\$ 42,000	\$ -	\$ -
General	\$ 1,822,100	\$ 2,941,200	\$ 561,600	\$ 825,000	\$ 993,100
2022 BiOp Studies	\$ -	\$ 100,000	\$ -	\$ -	\$ -
230 kV Circuit Breaker Maintenance	\$ 45,000	\$ -	\$ -	\$ -	\$ -
5-Ton Bridge Crane	\$ 500,000	\$ -	\$ -	\$ -	\$ -
AVR Testing	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Battery Bank Replacement	\$ -	\$ -	\$ -	\$ 80,000	\$ -
Buffer Zone Management	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
CEATI Membership	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
CEATI Projects	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
CF Project Telephones	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
CFP Cell Phones	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
Communications (Radios, etc)	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Concrete Scanner	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Contract Crane Inspections	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
Control Room / Office Area Repairs	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Convert Engineering Drawings to AutoCAD	\$ 20,000	\$ 60,000	\$ 40,000	\$ 40,000	\$ 40,000
Cooling Water Valves	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Drainage Pump	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Drainage Sump Study	\$ -	\$ 35,000	\$ -	\$ -	\$ -
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Electric Utilities - Secondary Power Feed	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400
Electrical Contractors	\$ 45,000	\$ 80,000	\$ -	\$ -	\$ -
Electrical Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Exciter Brush Dust Vacuum System	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Exciter Replacement	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000
Fall Protection Equipment	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
FR Clothing	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Garbage Service	\$ 2,300	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500
Generator Cooling Water Refurbishment	\$ -	\$ -	\$ -	\$ 78,000	\$ -
Generator Hatch Cover Seals & Drains	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Generator Parameter Validation Testing	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Generator Protective Relay Replacement	\$ -	\$ -	\$ -	\$ 150,000	\$ -
GSU Transformer Maintenance	\$ -	\$ 45,000	\$ -	\$ -	\$ -
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
HVAC	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
HVAC Replacement Office Area	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Inspections	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Instrumentation Parts	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Lathe	\$ -	\$ 18,000	\$ -	\$ -	\$ -
Maintenance Management System	\$ -	\$ -	\$ 200,000	\$ 30,000	\$ 30,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Man-Made Island Canal	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Manuals, Major Tools, Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical Contractors	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Mechanical Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
New Facility - Analysis/Design/Site Testing	\$ 45,000	\$ -	\$ -	\$ -	\$ -
New Facility - Construction	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -
NHA Membership	\$ -	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
North Rock Wall Scaling	\$ -	\$ 75,000	\$ -	\$ -	\$ -
NWHA Membership	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Operator Remote SCADA Communications	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Protective Relay Testing	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Radio / Pager System Improvements	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Rentals	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Meters	\$ -	\$ 24,000	\$ -	\$ -	\$ -
Roadway Gates	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
Rope Access Gear	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Safety Improvements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000

2021 CFP Budget FY22-FY25 Forecast

	2021	2022	2023	2024	2025
Security Assessment	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Security Improvements	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Security/Plant Locks	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Server/Cameras/Office Machines/Computers	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Service Water VFD & Controls Replacement	\$ -	\$ 16,000	\$ -	\$ -	\$ -
Shelving & Furniture	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Small Tools	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
South Well Pump	\$ -	\$ -	\$ -	\$ -	\$ 3,000
Spillway Handrail & Guardrail	\$ 140,000	\$ -	\$ -	\$ -	\$ -
Structure Maintenance; Concrete, Fencing	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
Temporary Offices	\$ 200,000	\$ 60,000	\$ -	\$ -	\$ -
Tools & Equipment	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Transformer Oil Processing & Testing	\$ 1,000	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000
Turbine Maintenance Seals	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Turbine Shaft Seals	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Warehouse Repairs	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Operating Expenses	\$ 1,186,100	\$ 3,433,500	\$ 5,948,500	\$ 5,866,200	\$ 652,700
1D Sediment Transport Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -
Boat Barrier Replacement	\$ -	\$ -	\$ 120,000	\$ -	\$ -
Bridge Inspection & Analysis	\$ -	\$ -	\$ 106,000	\$ -	\$ -
Contract Diesel Generator Maintenance	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
Contract Maintenance Elevator	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
Contract Operators	\$ 70,000	\$ -	\$ -	\$ -	\$ -
Dam Instrumentation	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Debris Barrier Coating & Cathodic Protection - Construction	\$ -	\$ 400,000	\$ -	\$ -	\$ -
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Corrosion Inhibitor	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Debris Barrier Parts	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Debris Removal	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Diesel Generator Connection to Spillway Gates 2 & 3	\$ -	\$ 14,000	\$ -	\$ -	\$ -
Diving Services	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
Downstream Boat Ramp	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Equipment Rental	\$ 30,800	\$ 34,000	\$ 42,000	\$ 42,000	\$ 24,000
FERC Dam Movement Survey	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
FERC Part 12	\$ -	\$ -	\$ -	\$ 125,000	\$ -
FERC Part 12 Recommendations	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Fiber Extension Fee to USGS Randle Gage	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Gantry Crane Controls and Drive Upgrade - Design	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Governor 3D CAM	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Log Bronc Maintenance	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Materials	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical & Piping	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Metal	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Mobile Diesel Generator & Log Bronc Cover	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Re-coat Slot Covers	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Replace Sluice Gate Bulkhead Seals	\$ -	\$ 2,500	\$ -	\$ -	\$ -
SCADA Support	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
Sedimentation Report	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Sedimentation Survey	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
Seismic Study	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
Service Air Compressor	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -
Sluice Gate Construction	\$ -	\$ -	\$ 2,600,000	\$ 5,356,000	\$ -
Sluice Gate Design	\$ -	\$ 835,000	\$ -	\$ -	\$ -
Sluice Gate Replacement - CFD & Physical Model Design	\$ 330,000	\$ 511,000	\$ -	\$ -	\$ -
Sonar & Turbidity Sensors	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extension - Alternative Analysis	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extension - Construction	\$ -	\$ -	\$ 1,082,000	\$ -	\$ -
Spillway 4 Rail Extension - Design	\$ -	\$ 525,000	\$ -	\$ -	\$ -
Spillway Gate Control	\$ -	\$ -	\$ -	\$ 200,000	\$ -
Spillway Gate Finite Element Analysis	\$ -	\$ -	\$ 75,000	\$ -	\$ -
Spillway Gate Hoist Covers	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Surveying	\$ -	\$ -	\$ -	\$ -	\$ -
Tailrace Repairs & Improvements - Design	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Third Party Services	\$ -	\$ -	\$ -	\$ -	\$ -
Trash Rake Construction	\$ -	\$ -	\$ 1,770,000	\$ -	\$ -
Trash Rake Design	\$ -	\$ 191,000	\$ -	\$ -	\$ -
Trunnion Friction Testing	\$ -	\$ 65,000	\$ -	\$ -	\$ -
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000

2021 CFP Budget FY22-FY25 Forecast

	2021	2022	2023	2024	2025
Welding/Machinery Services	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation	\$ 293,800	\$ 842,500	\$ 518,500	\$ 210,200	\$ 364,800
Advertising	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Alternate Take-Out Site 1	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Alternate Take-Out Site 2	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Campground A Loop Restroom	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Campground Electrical Replacement -Design	\$ -	\$ -	\$ -	\$ -	\$ 64,000
Campground Fishing Pond Assessment & Design	\$ -	\$ 85,000	\$ -	\$ -	\$ -
Campground Hosts	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
Campground Internet	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
Campground Paving	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
Campground Reservation Software	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
Campground Telephone	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
Contract Septic and Water Services	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
Contract Services (Backhoe, Gravel)	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
Contract Services (Sweeping)	\$ -	\$ -	\$ -	\$ -	\$ -
Copper Creek Take Out Site Parking	\$ 75,000	\$ 225,000	\$ -	\$ -	\$ -
D-Loop Electrical Design & Feed Replacements	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Electric Utilities	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
Fiber to Campground Extension Fee	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Garbage Service	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600
Ground Maintenance	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
Noxious Weed Control	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
Open/Close Packwood Gate	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
Park Equipment Repairs	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
Portable Restrooms	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
Potable Water and Septic System Testing	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
Recreation Assessment	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Repairs & Supplies	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000
Sewer & Water System Maintenance	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Sign Replacements	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Tools & Equipment	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Transmission	\$ 70,000	\$ 100,000	\$ 60,000	\$ 60,000	\$ 60,000
Line Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 10,000	\$ 40,000	\$ -	\$ -	\$ -
Labor	\$ 3,205,500	\$ 3,857,300	\$ 3,993,400	\$ 4,108,300	\$ 4,224,200
Wage, Benefits, & Taxes	\$ 3,205,500	\$ 3,857,300	\$ 3,993,400	\$ 4,108,300	\$ 4,224,200
Employee Medical Insurance	\$ 411,400	\$ 486,900	\$ 501,500	\$ 510,000	\$ 520,000
Employer PERS	\$ 131,400	\$ 171,500	\$ 177,600	\$ 180,000	\$ 185,000
ES Support Overhead	\$ 439,200	\$ 484,200	\$ 503,200	\$ 524,200	\$ 539,900
ES Support Wages	\$ 627,900	\$ 693,900	\$ 719,900	\$ 741,500	\$ 763,700
Flu Shot Clinics	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
L&I - Employer	\$ 16,200	\$ 28,100	\$ 30,800	\$ 31,700	\$ 32,700
Long Term Disability	\$ 3,200	\$ 4,200	\$ 4,500	\$ 4,500	\$ 4,500
Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
OT Benefits	\$ 7,000	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200
OT TAXES	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
OT WAGES	\$ 52,000	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Paid Family Leave Benefit	\$ 2,100	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,400
PCORI ACA Requirement	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Short Term Disability	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
Social Security Medicare	\$ 100,400	\$ 129,000	\$ 133,500	\$ 137,500	\$ 141,600
Standby Pay	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
Term Ins Benefit	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,700	\$ 1,700
VEBA Benefit	\$ 12,200	\$ 16,000	\$ 16,500	\$ 17,000	\$ 17,500
VEBA Cash Out	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Wages	\$ 1,312,500	\$ 1,686,700	\$ 1,745,000	\$ 1,797,400	\$ 1,851,300
Wages - Capitalized	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ (1,525,600)	\$ 106,700	\$ 106,700	\$ 106,700	\$ 106,700
Interest Expense	\$ 45,000	\$ 43,300	\$ 41,500	\$ 39,700	\$ 37,900
2021 CFP Intercompany - Interest	\$ 45,000	\$ 43,300	\$ 41,500	\$ 39,700	\$ 37,900
Principal	\$ 61,700	\$ 63,400	\$ 65,200	\$ 67,000	\$ 68,800
2021 CFP Intercompany - Principal	\$ 61,700	\$ 63,400	\$ 65,200	\$ 67,000	\$ 68,800
Intercompany Loan Proceeds	\$ (1,632,300)	\$ -	\$ -	\$ -	\$ -
2021 Intercompany Proceeds	\$ (1,632,300)	\$ -	\$ -	\$ -	\$ -
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
Taxes	\$ 8,200	\$ 8,200	\$ 8,200	\$ 8,200	\$ 8,200

2021 CFP Budget FY22-FY25 Forecast

	2021	2022	2023	2024	2025
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
Taxes - Privilege	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Project Reimbursement / Revenue	\$ (6,644,200)	\$ (12,923,950)	\$ (12,828,500)	\$ (12,797,500)	\$ (8,099,500)
Project Reimbursement	\$ (6,565,200)	\$ (12,839,950)	\$ (12,739,500)	\$ (12,703,500)	\$ (8,000,500)
BPA Project Reimbursement	\$ (6,565,200)	\$ (12,839,950)	\$ (12,739,500)	\$ (12,703,500)	\$ (8,000,500)
BPA Project Reimbursement (2019 Carry Over)	\$ -	\$ -	\$ -	\$ -	\$ -
Project Revenue	\$ (79,000)	\$ (84,000)	\$ (89,000)	\$ (94,000)	\$ (99,000)
Campground Revenue	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
Tacoma Fish Collector Reimbursement	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Wheeling - Offset Entry	\$ 746,000	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000
Transmission Wheeling - Rev Entry	\$ (746,000)	\$ (768,000)	\$ (791,000)	\$ (815,000)	\$ (839,000)
	\$ -	\$ -	\$ -	\$ -	\$ -

2021 CFP Large Projects and OR&R			Year	
Account Description	Detail	Life	2021	
Electric Plant - Generation	5-Ton Bridge Crane	50	\$	500,000
Electric Plant - Generation	Generator Hatch Cover Seals & Drains	25	\$	120,000
Fish & Wildlife	Alternative Fishing Derby Site Development	0	\$	50,000
Labor - CFP	Wages - Capitalized	20	\$	200,000
Misc Expenses	Communications (Radios, etc)	10	\$	5,900
Misc Expenses	Server/Cameras/Office Machines/Computers	5	\$	5,400
Misc Hydraulic Plant	Control Room / Office Area Repairs	50	\$	40,000
Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	50	\$	45,000
Misc Hydraulic Plant	Spillway Handrail & Guardrail	100	\$	140,000
Resv., Dams & Waterways	Service Air Compressor	25	\$	1,000
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	50	\$	330,000
Resv., Dams & Waterways	Sonar & Turbidity Sensors	7	\$	150,000
Resv., Dams & Waterways	Spillway 4 Rail Extention - Alternative Analysis	50	\$	45,000
Grand Total				\$ 1,632,300

Cowlitz Falls Budget Change Log

Date	GL	Description	2021	2022	2023	2024	2025
7/10/2020	2-08-537-010	Removed mitigation land		\$ (75,000)	\$ (75,000)	\$ (75,000)	\$ (75,000)
7/10/2020	2-08-921-000	A&G Exhibit F	\$ 533,800				
7/10/2020	2-08-921-000	A&G Exhibit F		\$ 534,800			
7/10/2020	2-08-921-000	A&G Exhibit F			\$ 556,700		
7/10/2020	2-08-921-000	A&G Exhibit F				\$ 556,700	
7/10/2020	2-08-921-000	A&G Exhibit F					\$ 556,700
7/10/2020	2-00-456-999	Added Wheeling Entry (no net impact)	\$ -	\$ -	\$ -	\$ -	\$ -
7/13/2020	2-08-543-000	Defer Debris Barrier Construction; Increase Design	\$ (65,000)				
7/13/2020	2-08-543-000	Increase Debris Barrier Construction From 2021		\$ 400,000			
7/14/2020	2-08-544-000	Reduce Electrical Contractors From \$120k	\$ (75,000)				
7/14/2020	2-08-544-000	Reduce Mechanical Contractors From \$80k	\$ (35,000)				
7/14/2020	2-08-545-000	Increase from \$60k for site prep	\$ 140,000				
7/14/2020	2-08-545-000	Reduce New Facilities From \$200k	\$ (185,000)				
7/14/2020	2-08-545-000	Delay New Facilities Pending Analysis in 2021	\$ (60,000)	\$ 60,000			
7/14/2020	2-08-543-000	Reduce Cathodic Protection From \$225K	\$ (60,000)				
7/14/2020	2-08-543-000	Reduce Rail Extension In Place Of Analysis	\$ (125,000)				
7/14/2020	2-08-545-020	Increase from \$45k for planning and bid specs	\$ 30,000				
7/14/2020	2-08-545-020	Increase from \$80k for CCC Site Work		\$ 145,000			
7/14/2020	2-00-926-999	Wage, Benefits, & Taxes Remodeled With New PERS	\$ (300,000)				
7/14/2020	2-00-926-999	Deferred Warehouse/Project Support FTE	\$ (150,000)				
7/14/2020	2-00-926-999	Adjusted CFP/ES Support & Direct Labor No Net Impact					
7/22/2020	Multiple	Updated CFP and ES labor & benefits costs	\$ (37,272)	\$ 89,600	\$ 86,500	\$ 107,800	\$ 116,900
7/22/2020	2-08-921-000	Updated A&G Charge	\$ 10,100	\$ (1,500)	\$ (2,100)	\$ 13,300	\$ 29,500
8/19/2020	2-08-539-000	Removed NHA Membership	\$ (21,000)				
8/19/2020	2-08-543-000	Reduce Contract Operators from \$250k	\$ (180,000)				
8/19/2020	2-08-543-000	Defer Mobile Diesel Generator & Log Bronc Cover	\$ (25,000)	\$ 25,000			
8/19/2020	2-08-543-000	Defer Spillway Gate Finite Element Analysis	\$ (75,000)		\$ 75,000		
8/19/2020	2-08-544-000	Defer South Well Pump	\$ (3,000)				\$ 3,000
8/19/2020	2-08-545-000	Defer Concrete Scanner	\$ (25,000)	\$ 25,000			
8/19/2020	2-08-545-000	Defer Control Room / Office Area Repairs	\$ (40,000)				
8/19/2020	2-08-545-000	Defer Drainage Pump	\$ (20,000)				\$ 20,000
8/19/2020	2-08-571-002	Reduce Transmission Line Corridor Planting from \$40k	\$ (30,000)				
8/19/2020	2-08-545-020	Defer Recreation Assessment	\$ (75,000)	\$ 75,000			
8/19/2020	2-08-545-020	Defer D-Loop Electrical Design & Feed Replacements	\$ (30,000)	\$ 30,000			
8/19/2020	2-00-392-012	Defer RT Fork Lift; Increase Equipment Rental	\$ (70,000)				\$ 70,000
8/19/2020	2-08-543-000	Equipment Rental	\$ 8,800	\$ 3,200	\$ 11,200	\$ 11,200	
8/20/2020	Multiple	Reduce benefits to reflect hiring expectations	\$ (43,200)				
8/20/2020	2-00-926-999	Reduce wages to reflect deferrals & hiring timeline	\$ (198,100)				
8/20/2020	2-00-926-999	Reduce support wages	\$ (75,000)				
8/20/2020	2-00-926-999	Reduce support benefits	\$ (52,000)				
8/20/2020	2-08-921-000	Update A&G	\$ (43,871)	\$ 6,895	\$ 7,959		
8/25/2020	2-09-921-002	Reduce AVO breaker maintenance from \$5k to \$2.4k	\$ (2,600)				
8/25/2020	2-09-921-002	Reduce AVO Thermograph from \$5k to \$0	\$ (5,000)				
8/25/2020	2-09-921-002	Reduce CEATI DSIG from \$1.4k to \$0	\$ (1,400)				
8/25/2020	2-09-921-002	Reduce HPLIG from \$1.4k to \$0	\$ (1,400)				
8/25/2020	2-09-921-002	Reduce EPTC Fundamentals from \$7k to \$0	\$ (7,000)				
8/25/2020	2-09-921-002	Reduce Electric Workshop from \$6k to \$0	\$ (6,000)				
8/25/2020	2-09-921-002	Reduce Freq Drive Workshop from \$6k to \$0	\$ (6,000)				
9/3/2020	2-08-537-020	Advertising reduction from \$7k to \$3k	\$ (5,000)				
9/3/2020	2-08-545-000	Lathe	\$ (18,000)	\$ 18,000			
9/3/2020	Multiple	Defer biologist hire	\$ (76,000)				
9/3/2020	2-08-544-000	Defer oil processing	\$ (29,000)	\$ 30,000			
9/3/2020	2-08-923-000	Project Analysis reduction at BPA's request	\$ (110,000)	\$ (120,000)	\$ (120,000)	\$ (130,000)	\$ (130,000)
9/3/2020	2-08-545-000	Defer AutoCAD conversion	\$ (20,000)	\$ 20,000			
9/3/2020	2-08-545-000	Reduce handrail & gaurd rail	\$ (10,000)				
9/3/2020	2-08-543-000	Reduce 3D cam	\$ (10,000)				
9/3/2020	2-08-537-010	Reduce alternative derby site development	\$ (25,000)				
9/3/2020	2-08-537-010	Remove derby site reinforcement	\$ (30,000)				

Date	GL	Description	2021	2022	2023	2024	2025
9/3/2020	2-08-544-000	Defer Exciter Brush Dust Vacuum System	\$ (120,000)	\$ 120,000			
9/3/2020	2-08-545-000	Add back control room office repairs	\$ 40,000				
9/3/2020	2-08-543-000	Defer Sedimentation Report	\$ (50,000)	\$ 50,000			
9/8/2020	2-00-926-999	Reduce CFP Wages	\$ (40,400)				
9/8/2020	2-00-926-999	Reduce SS	\$ (3,100)	\$ (22,000)	\$ (23,300)		
9/8/2020	2-00-926-400	Reduce L&I	\$ (1,000)	\$ (2,900)	\$ (3,200)		
9/8/2020	2-00-926-200	Reduce PERS	\$ (4,300)				
9/8/2020	2-00-926-800	Reduce VEBA	\$ (400)				
9/8/2020	2-00-926-110	Reduce Medical	\$ (26,300)				
9/8/2020	2-00-926-500	Reduce Paid Leave	\$ (100)				
9/8/2020	2-00-926-310	Reduce LTD	\$ (100)				
9/8/2020	2-00-926-300	Reduce Term Insurance	\$ (100)				
9/8/2020	2-00-926-999	Reduce Support O/H	\$ (5,700)	\$ (5,700)	\$ (5,700)		
9/8/2020	2-08-921-000	Recalculate A&G Exhibit F	\$ 37,800	\$ 42,700	\$ 43,000	\$ 53,000	\$ 55,500
9/8/2020	2-08-544-000	Reduce Electrical Parts (RISK ITEM)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
9/8/2020	2-08-544-000	Reduce Instrumentation Parts (RISK ITEM)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
9/8/2020	2-08-544-000	Reduce Mechanical Parts (RISK ITEM)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
9/8/2020	2-08-543-000	Reduce Dam Instrumentation (RISK ITEM)	\$ (2,000)	\$ (2,000)	\$ (2,000)	\$ (2,000)	\$ (2,000)
9/8/2020	2-08-543-000	Reduce Mechanical & Piping (RISK ITEM)	\$ (1,600)	\$ (1,600)	\$ (2,000)	\$ (2,000)	\$ (2,000)
9/8/2020	2-00-419-200	Intercompany Fund Proceeds	\$ (1,632,300)				
9/8/2020	2-00-125-050	Intercompany Fund Principle Payment	\$ 61,700	\$ 63,400	\$ 65,200	\$ 67,000	\$ 68,800
9/8/2020	2-00-427-030	Intercompany Fund Interest Payment	\$ 45,000	\$ 43,300	\$ 41,500	\$ 39,700	\$ 37,900
9/8/2020	2-00-926-999	Labor Capitalization	\$ (200,000)	\$ (200,000)	\$ (200,000)	\$ (200,000)	\$ (200,000)
9/8/2020	2-00-926-999	Labor Capitalization	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
9/8/2020	2-00-456-200	Update BPA Reimbursment	\$ (2,000,200)	\$ 223,000	\$ (15,900)	\$ (10,300)	\$ (8,500)

From: Michelle Holmes

Sent: Wed Jul 15 11:57:18 2020

To: Chris Roden; Doug Streeter CPA; Brad Ford; Thomas Beebe; Joe First; Russell Page; Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Carlson,Debbie (BPA) - PGAC-RICHLAND; Todd,Wayne A (BPA) - PGA-6; Wellner,Michael T (BPA) - PGA-6

Subject: [EXTERNAL] Materials for Today's Meeting

Importance: Normal

Attachments: Draft 2021 CFP Budget Support Labor Report 2020 07 15.pdf; Draft 2021 CFP Budget 2020 07 15.pdf; Draft 2021 CFP Budget ORR List 2020 07 15.pdf; CF - DRAFT ORG CHART 2021-2023.pdf

Please find attached draft documents for today's meeting. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 345-1468 | e:michelleh@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.

Account Description	Detail	GL	Category	Life	Year					
					2021	2022	2023	2024	2025	
Electric Plant - Generation	5-Ton Bridge Crane	2-08-544-000	OR&R	50	\$ 500,000					
Electric Plant - Generation	Battery Bank Replacement	2-08-544-000	OR&R	10				\$ 80,000		
Electric Plant - Generation	Exciter Brush Dust Vacuum System	2-08-544-000	OR&R	25	\$ 120,000					
Electric Plant - Generation	Exciter Replacement	2-08-544-000	OR&R	40				\$ 125,000	\$ 500,000	
Electric Plant - Generation	Generator Cooling Water Refurbishment	2-08-544-000	OR&R	40				\$ 78,000		
Electric Plant - Generation	Generator Hatch Cover Seals & Drains	2-08-544-000	OR&R	N/A	\$ 120,000					
Electric Plant - Generation	Generator Protective Relay Replacement	2-08-544-000	OR&R	35				\$ 150,000		
Electric Plant - Generation	Revenue Meters	2-08-544-000	OR&R	45		\$ 24,000				
Electric Plant - Generation	South Well Pump	2-08-544-000	OR&R	25	\$ 3,000					
Fish & Wildlife	Derby Site Enhancement	2-08-537-010	OR&R	N/A	\$ 30,000	\$ 30,000				
Fish & Wildlife	Mitigation Land	2-08-537-010	OR&R	N/A	\$ 75,000					
Fish & Wildlife - ESA Requirements	Man-Made Island Canal	2-08-537-060	OR&R	N/A		\$ 50,000				
Misc Expenses	Communications (Radios, etc.)	2-08-539-000	OR&R	10	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100	\$ 6,100
Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	OR&R	5	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Misc Hydraulic Plant	Concrete Scanner	2-08-545-000	OR&R	10	\$ 25,000					
Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	OR&R	50	\$ 40,000					
Misc Hydraulic Plant	Lathe	2-08-545-000	OR&R	25	\$ 18,000					
Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	2-08-545-000	OR&R	50	\$ 45,000					
Misc Hydraulic Plant	New Facility - Construction	2-08-545-000	OR&R	50		\$ 1,800,000				
Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	OR&R	100	\$ 150,000					
Misc Hydraulic Plant	Warehouse Repairs	2-08-545-000	OR&R	50		\$ 60,000				
Recreation	Campground A Loop Restroom	2-08-545-020	OR&R	50			\$ 150,000			
Resv., Dams & Waterways	Boat Barrier Replacement	2-08-543-000	OR&R	25			\$ 120,000			
Resv., Dams & Waterways	Debris Barrier Coating & Cathodic Protection - Construction	2-08-543-000	OR&R	25		\$ 400,000				
Resv., Dams & Waterways	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000	OR&R	25		\$ 14,000				
Resv., Dams & Waterways	Downstream Boat Ramp	2-08-543-000	OR&R	25		\$ 250,000				
Resv., Dams & Waterways	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000	OR&R	50					\$ 150,000	
Resv., Dams & Waterways	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	OR&R	35	\$ 25,000					
Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	OR&R	25	\$ 1,000	\$ 1,000				
Resv., Dams & Waterways	Sluice Gate Construction	2-08-543-000	OR&R	50			\$ 2,600,000	\$ 5,356,000		
Resv., Dams & Waterways	Sluice Gate Design	2-08-543-000	OR&R	50		\$ 835,000				
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	OR&R	50	\$ 330,000	\$ 511,000				
Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	OR&R	7	\$ 150,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Analysis	2-08-543-000	OR&R	50	\$ 45,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Construction	2-08-543-000	OR&R	50			\$ 1,082,000			
Resv., Dams & Waterways	Spillway 4 Rail Extention - Design	2-08-543-000	OR&R	50		\$ 525,000				
Resv., Dams & Waterways	Spillway Gate Control	2-08-543-000	OR&R	50				\$ 200,000		
Resv., Dams & Waterways	Spillway Gate Finite Element Analysis	2-08-543-000	OR&R	50	\$ 75,000					
Resv., Dams & Waterways	Spillway Gate Hoist Covers	2-08-543-000	OR&R	50		\$ 120,000				
Resv., Dams & Waterways	Trash Rake Construction	2-08-543-000	OR&R	40			\$ 1,770,000			
Resv., Dams & Waterways	Trash Rake Design	2-08-543-000	OR&R	40		\$ 191,000				
Transportation Equipment	Mower	2-00-392-012	OR&R	10		\$ 22,000				
Transportation Equipment	RT Fork Lift	2-00-392-012	OR&R	20	\$ 70,000					
Transportation Equipment	Side By Side	2-00-392-012	OR&R	10			\$ 30,000	\$ 30,000		
Transportation Equipment	Vehicle for Gen Superintendent	2-00-392-012	OR&R	7		\$ 40,000				
Transportation Equipment	Vehicle for Resource Worker	2-00-392-012	OR&R	7			\$ 42,000			
Grand Total					\$ 1,833,300	\$ 4,884,300	\$ 5,805,500	\$ 6,030,500	\$ 661,500	

From: Chris Roden

Sent: Fri Jul 24 16:51:34 2020

To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND

Cc: Michelle Holmes; Carlson,Debbie (BPA) - PGAC-RICHLAND; Joe First; Brad Ford; Doug Streeter CPA; Todd,Wayne A (BPA) - PGA-6; Wellner,Michael T (BPA) - PGA-6; Thomas Beebe; Russell Page; Allen Unzelman; Stacy Davis

Subject: [EXTERNAL] RE: **EXTERNAL EMAIL** Follow up on 7/15 meeting - 2021 Budget Discussions

Importance: Normal

Attachments: CFP Job Descriptions.pdf; Draft 2021 CFP Budget Support Labor Report 2020 07 15.pdf; B&V Cowlitz Falls Master Plan Benchmarking Report-4-23-2020.pdf; CF - DRAFT ORG CHART 2021-2023.pdf; Draft 2021 CFP Budget ORR List 2020 07 15.pdf; Draft 2021 CFP Budget 2020 07 15.pdf; CFP Large Projects List.pdf; 2021 CFP Budget Justification Sheets.zip; Budget Details-Large Projects.zip; 2021 Support Labor Details.pdf

Cherie,

Thank you for taking the time to follow-up on the discussion during the 7/15 meeting. It is helpful to hear BPA clarify that it does not intend to run the project into what it believes is an unsafe condition.

We still however believe that through its actions BPA has no intention of engaging in earnest budget discussions or funding requirements. Our commitment to continue bringing more analysis and information stands. Our budget process has transformed over the past 18 months and we have recently provided 5 years of detailed costs, explanations of support allocations, a staffing timeline, job descriptions, cost justification sheets, ancillary wheeling cost projections, a summary of OR&R with asset lives based on the Bureau of Reclamation’s Hydropower Blue Book, a process for determining residual asset value, and an independent long range plan incorporating both the HDR and McMillen studies that can be continually updated and looks out as far as 2050.

We have yet to hear any justification from BPA as to why the presented budget, the items included in the budget, or the future projects as anticipated are not needed for keeping the Project in good working order. If any of the supporting information enclosed or

previously provided is not sufficient; we urge you to quickly and clearly articulate the specifics of what you would like to see and how you would like to see it.

Regarding BPA's call to continue deferring projects; we believe that continually shifting cost into the future has largely created the situation at hand. BPA has acknowledged its willingness to accept the risks of deferring projects and maintenance which may result in:

- Impacts in the ability to respond to forced outages and other unforeseen circumstances;
- Shortfalls in funds if actual costs come in above expected;
- Longer outages;
- Planned and scheduled cyclic maintenance activities to extend performance and reliability would be reduced or eliminated;
- Preventative maintenance measures would effectively be stopped;
- Maintenance cycles on generators and turbines would not be completed;
- Work on spillway gates and other components would likely be deferred;
- Putting off required maintenance resulting in substantial long-term negative impacts;
- Reductions in warehouse stock and spare parts inventory;
- Diminished ability to meet compliance obligations;
- Decreased ability to respond to BPA requests for analysis and information;
- Decreased ability to plan maintenance activities and outages;
- Decreased project management for current and future projects; and
- Increased hazard for those working on or around the project.

From our perspective none of these risks are acceptable or reasonable with the contract or its principles.

Addressing regional cost pressure; I continue to find it troubling that BPA feels compelled to pre-determine funding levels based upon a solution resulting in a 0% increase from an arbitrary budget year in the past. When BPA and Lewis constructed the Project we made a commitment to each other, the surrounding area, and the environment. That commitment cannot suffer at the expense BPA's broader obligations and political pressures no matter how immense.

To assist us forward with the budget process I have asked my staff to coordinate additional weekly budget meetings with BPA. If you or anyone else within BPA see a need to increase the frequency or duration of these meetings please let my staff know.

Chris

From: Sonoda,Cherie D (BPA) - PGAC-RICHLAND <csonoda@bpa.gov>

Sent: Friday, July 17, 2020 4:59 PM

To: Chris Roden <chriss@lcpud.org>

Cc: Michelle Holmes <michelleh@lcpud.org>; Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>; Joe First <joef@lcpud.org>;

Brad Ford <bradf@lcpud.org>; Doug Streeter CPA <dougst@lcpud.org>; Todd,Wayne A (BPA) - PGA-6 <watodd@bpa.gov>;

Wellner,Michael T (BPA) - PGA-6 <mtwellner@bpa.gov>; Thomas Beebe <thomasb@lcpud.org>; Russell Page <russellp@lcpud.org>

Subject: **EXTERNAL EMAIL** Follow up on 7/15 meeting

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!

 Chris,

I wanted to reach out after the 7/15/20 meeting and circle back on some items you had mentioned. BPA has significant concerns about the way you characterized the involvement of BPA with the Cowlitz Falls Project (CFP), and we would like to clarify our position in several areas.

You had used the term “run to failure strategy” in reference to BPA’s approach to funding the CFP. We would like to clearly state that BPA has never proposed this type of overall strategy to the CFP. We feel that the existing baseline budget is appropriate, based on actual historic expenditures and current condition of the Project, as verified by several independent assessments of the project by consulting firms. We do not feel that our requests to have Lewis modify their current strategy to prioritize what needs to be done in FY21 and defer items not necessary for operations to future FY’s would result in a run to failure strategy. None of these assessments suggest that the Project is in poor condition or operated in a run to failure manner. Specifically, we would like to note the Fifth Part 12D – Independent Consultant Report performed by McMillen Jacobs in October 2019. In this report, McMillen Jacobs stated that,

“The field inspection, review of records, interviews, and analyses indicate that the Cowlitz falls Dam and Powerhouse are in satisfactory condition and are adequately maintained, tested, and operated to perform under a range of conditions that can be reasonably anticipated”

and “the project is judged suitable for continued safe and reliable operation based on the 2019 dam safety inspection and related activities.”

BPA’s interest in the increasing budget requests does not indicate a run to failure strategy but, rather, is rooted in multiple recent assessments that found the plant has been and is being operated and maintained adequately. BPA is simply requesting the same budgeting justification and discipline we expect internally and that was contemplated in the PPA. We saw consistent findings in the Cowlitz Falls Hydroelectric - Project FERC No. 2833 – Condition Assessment – McMillen & Jacobs dated July 2018 and the HDR Independent Review and Analysis, dated September 28, 2018. Both assessments note the Debris Barriers and Sluice gates need near term resolution. BPA feels that these are the items that need to be addressed through proper planning in the near term. Many other work items listed outside of the Project’s baseline work in the proposed FY21 budget are items that are not immediately necessary to ensure the safe and reliable operation of the Project and are not essential to complete in the near term. This allows Lewis time to form an adequate long range plan and strategy for study, design, and implementation of these projects should they deem a prudent enhancement in future FY’s.

There was also a reference at our meeting made to head count at the Project. We would like to further reiterate that we have not made any direction to reduce the existing head count at the Project and would like to note that an additional head count was included in FY19, based on the HDR and McMillen Jacobs assessments. Beyond that additional head count, we have asked for a reasonable staffing plan that is consistent with what is required of a 70 MW run of the river dam and is based on work required to support a mutually agreed upon long range plan. Until this long range plan is in place we are concerned that project execution will not be successful and result in unnecessary additional costs since resource loading is not used to determine head count need. We feel there is probably a case to be made for increased head count at the project, but we ask that these decisions be made strategically based on assessments and thorough analysis. We do not feel we have a reasonable staffing plan as of yet. The Black and Veach representatives pointed out in their presentation that the study they performed showing 17 positions was not necessarily a recommendation, rather based on a methodology used to calculate general head count and should be modified to suit specific needs at the CFP. We feel further collaboration on the staffing levels at CFP are open for discussions. Furthermore, BPA should not be held responsible for gaps in staffing operator positions that you drew attention to in our recent meeting.

We would also like to touch on the statements made concerning the CFP budget and BPA’s costs pressures. While Cowlitz Falls costs are not currently considered as part of BPA’s Integrated Program Review costs, these costs do impact Power rates and Bonneville’s competitiveness position. Had we projected funding at Cowlitz currently proposed levels for FY21, Power’s preference customers would have seen about a .20% rate increase (~1% for each \$20M increase). Since this funding was not included in Power’s rates, funding Cowlitz in excess of the amount included in rates would come out of Power’s Reserves and would increase the likelihood that Power triggers the reserves surcharge for FY22. We understand that as a public power entity you are well aware of the sensitivity to rate increases and constraints these costs

impose on the region. With this in mind we understand that under the PPA our goal is not to be directed by cost pressures, but to pay Project Power Costs which are costs required for the safe and reliable operation of the plant and that BPA has “a direct interest in actions and decisions that will affect Project Power Costs” and “rights to oversee and participate in actions associated with construction, financing and operation of the Project”.

Our fundamental concern is that the proposed FY21 budget levels do not correlate with the information in recent condition assessments and actual plant conditions. While our increased scrutiny into these proposed items is driven by regional cost pressures, our fundamental concern is with the necessity of the proposed budget items, the adequacy of the justification, and Bonneville’s commitment to the region to provide low cost power.

Regards,

Cherie

Chris Roden

General Manager | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2435 | e:chriss@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.



Lewis County PUD

Cowlitz Falls Master Plan & Benchmarking



1. Executive Summary



2. Adherence to Contract Principles



3. Risk Informed Decision Making



4. Risk Scoring



5. Project Prioritization



6. Staffing Benchmarking



7. Staffing and Investment Survey Results



8. Qualifications and References



9. Appendix

Number of Projects

120

Project Value

\$105.9M





Lewis County PUD

1. Executive Summary



HOME

Lewis County Public Utility District No. 1 (LCPUD) owns and operates the Cowlitz Falls Project, including reservoir, dam, powerhouse, switchyard and recreational sites. Constructed between 1991 and 1994, Cowlitz Falls has been operating as intended, but has been bothered by latent design issues and increasingly showing signs of normal ageing.

LCPUD contracted Black & Veatch to assemble all the separate lists of recommendations (from previous and ongoing studies and assessments) into a master list of projects, prioritize that list in an objective manner, and recommend an execution year for each of the projects. LCPUD also asked for a benchmarking study to verify whether current investment and staffing levels were in a normal range given LCPUD's size.

Investment benchmarking was done in two ways. First, Black & Veatch analyzed data from publicly available financial reports from utilities with high proportions of hydropower in their energy mix that also owned and operated their own hydropower stations. Black & Veatch looked for three correlations: \$/MW, \$/hydro facility and \$/unit, and found that only number of units owned and operated by the utility reasonably explained variation in spending. The sample size was small and not used herein. Second, Black & Veatch performed an industry survey of capital, routine O&M and non-routine O&M investment, and found that for powerhouses with less than 5 turbine-generator units, the expected investment for Lewis County PUD at the 2-unit Cowlitz Falls is \$5.4M (R=52%, n=34). Of the surveyed 62% said that they are not realizing investment towards protection from increased unit cycling, suggesting the \$5.4M is inadequate for the long term.

Staffing benchmarking was done in two ways. First, Black & Veatch reviewed publicly available industry studies. One study from 2017 proposed a parametric estimate based on full-time-equivalent (FTE) per MW of generation. Personal categories included craft labor, supervisors, engineers, managers, in functions "Operations, Plant Maintenance, waterways and Dams, Buildings and Grounds maintenance, Investment, On-Site Support, and Public Affairs and Regulatory". Fish and wildlife professionals are included. From numbers derived from the study, a 70 MW facility such as Cowlitz Falls might be expected to employ close to 17 full time equivalent personnel. Second, Black & Veatch performed an industry survey of staffing on and off-site. The expected total staffing for Lewis County PUD's 2-unit Cowlitz Falls is 12.4 FTE (SD=12.3, n=38). Excluding biologists and parts & recreation staff, the expected O&M staffing for Lewis County PUD's 2-unit Cowlitz Falls is 11.6 FTE (SD=11.8, n=38).

In accordance with the recommendations of the Oroville Independent Forensic team Report, State Dam Safety Officials (ASDSO) Peer-Review Program and the ISO 55001 asset management framework, Black & Veatch recommended to prioritize projects based on the risk reduction, before vs. after intervention. Risk was defined as Consequence of Failure x Likelihood of Failure, where Consequence of Failure was defined in conjunction with LCPUD in separate dimensions: Power Purchaser Impact (loss of generation), Regulatory Compliance, Environment, Reputation, and Financial (to LCPUD). Black & Veatch subject matter experts (SMEs) scored all projects for their complexity (i.e. burden to project managers) and capacity for risk reduction in all the dimensions. An optimization model simulating different constraints produced two different Master Plans.

The Base Case (FY 2020 budget \$5.6M with no carryover allowed, one FTE project manager) gave a scenario to compare against. The Case 2 Master Plan (budget of \$6M per year, two FTE project managers) showed a dramatic and consistently lower total system risk immediately from 2021 onwards compared to the Base Case Master Plan. The two scenarios clearly demonstrate that the ability to execute projects (i.e. having an adequate number of full-time project managers) would give the greatest "bang for the buck" to Lewis County and stakeholders.



Lewis County PUD

2. Demonstration of Adherence to Contract Principles

(1 of 2)



HOME

Introduction

The purpose of this section is to demonstrate that the Master Plan is aligned with the Power Purchase Contract between Bonneville Power Administration and Lewis County Public Utility District, #DE-M579-90BP93106, dated 10/30/90. The two Principles most applicable to asset management appear to be:

6. (b) "At all times operate the properties of the Project...in an efficient, reliable manner and at the lowest reasonable cost consistent with the objective of achieving efficient integration...and the longest reasonable operating life for the Project...";

6. (c) "Maintain, preserve and keep...the properties of the Project...in reasonably good repair, working order and condition".

In accordance with LCPUD instructions, Black & Veatch performed a search within standards for explicit definitions of the underlined, key phrases in the Principles. The survey of 33 often-used standards showed no explicit definitions of these phrases. The same survey revealed that adjectives "reasonable", "normal", "unusual", "suitable", "good", "efficient", and "reliable" are used frequently but leave interpretation to the reader in every instance found. A full list of the survey standards may be found in the Appendix.

Reasonable Operating Life

The Electric Power Research Institute (EPRI) report EM-3435 Hydropower Reliability Report, prepared by Black & Veatch and Motor Columbus, equated "reliability" with "availability of the machine", i.e. no in forced outages and not down for maintenance. The average availability of the 28 plants / 195 units studied was 94.8% with a standard deviation of 6.6%, with "only a slight decrease in availability with age," but with two low points of availability: at 25-30 years and at 60-65 years, representing "rewinding outages and major overhauls" (EPRI, 1984, p. 1-5). A "reasonable" level of reliability might be interpreted as a unit having an availability 88.2% or better (i.e. within one standard deviation of the average, a subset that includes 84% of hydropower machines). Excessive outages, whether driven by serious failures, inability to procure (obsolete) components once they've failed, or other factors, would not be keeping with the Principles.

Four federal agencies (USACE, USBR, BPA, WAPA) report Federal Replacements was written in part for "asset managers that plan maintenance, replacement, and refurbishment activities," (WAPA, USBR, USACE & BPA, 2017, sect. 1 p. 5). The report develops "each Unit of Property/Plant Item...expected to be replaced within the period of study [100 years] is assigned a service life," (2017, sect. 4 p. 1). The selection of a service life was done via statistical analysis from federal databases coupled with "multi-agency SME meeting and interviews," (2017, sec. 2 p. 3). The strong implication by the participation, sourcing and authorship of the report, is that federal agencies would interpret "reasonable operating life" for a given asset as one that approximately equals the "service life" chosen in Federal Replacements.



Lewis County PUD

2. Demonstration of Adherence to Contract Principles

(2 of 2)



HOME

Reasonably Good Condition

CEATI hydroAMP Consolidated Equipment Condition Guide, written under a steering committee composed of Bonneville Power Administration, Hydro-Quebec, Seattle City Light, the Bureau of Reclamation, and the Army Corps of Engineers. The Guide provides a methodology to score the condition of hydropower asset as a Condition Index on a scale of 1-10. From Table 1-2, assets are said to have an "Condition Equipment Rating" of "Good" if and only if the Condition Index is between 8-10. "Good" is defined as: "There is a high level of confidence that the component will perform well under normal operating conditions. Continue current O&M practices. Repeat condition assessment on normal frequency. Consider performing Tier 2 tests when convenient to provide good base line data for comparison with future tests," (CEATI, 2013, sect. 1 p. 8t). Based on the Principles, LCPUD may be obligated to take corrective action whenever an asset's Condition Equipment Rating falls below "Good"; corrective action should be executed whenever there is doubt about performance under normal operating conditions (generally understood as any condition inside the generator's capability curve but outside hydraulic rough zones and excluding fault conditions).



Lewis County PUD

3. Support for Risk Informed Decision Making



HOME

The groundwork for an acceptable methodology was laid down in the 1979 Federal Guidelines for Dam Safety and grew into a federal policy of risk-informed decision making. The US Bureau of Reclamation wrote in 2011: *"Risk-informed procedures are used to assess the safety of Reclamation structures, to aid in making decisions to protect the public from the potential consequences of dam failure, to assist in prioritizing the allocation of resources, and to support justification for risk reduction actions where needed,"* (USBR, 2011, p. 2). "Risk Estimation" is done by "assigning probability and consequences of failure," (USBR, 2011, p. 3). Whereas the Federal Guidelines were written specifically for dams and related hydraulic structures, the concept of estimating risk by assigning probability and consequence of failure can be extended to cover all Project assets.



Lewis County PUD

4. Risk Scoring System



HOME

SECTION OVERVIEW

This section describes the risk scoring system adopted for, or the risk-based scoring system that gives an objective way of prioritizing projects. Project complexities are also discussed.

Black & Veatch worked with LCPUD to score the pre (before the project is completed) and post (after the project is completed) risk for each project in the Master Plan.

Likelihood of Failure (LoF) is based on a time horizon scale with possible scores ranging from 1-5.

Consequence of Failure (CoF) are resolved into six (6) difference dimension: Power Purchaser Impact (impact to Bonneville Power Administration), Regulatory Compliance, Environment, Reputation, Customer Perception & Community Impact, Safety (Public & Employee), Financial Impact (impact to LCPUD).

Total Risk is defined as the combination of the likelihood of an event occurring (LoF) and the impact or consequence caused by the event (CoF). Risk management is a systematic method for identifying, assessing, mitigating and monitoring the risks involved in any activity or process. The total risk score is then used to understand where is the project lands on the risk score heat map. The image to the right shows the different zones based on Total Risk.

Project complexity refers to the time that the project manager spends on a given project. This is broken down into 3 scales: low, medium and high.

Position in schedule is a function of LoF x CoF, and availability of funds in any given year. The program tries to fit as much risk reduction it can under the yearly budget and project management constraint without going over. Sometimes a low risk project just fits earlier. Components that are scored in terms of obsolescence, are subject to a full replacement cost (i.e. higher Financial impact) and longer lead time (i.e. higher Purchaser impact) compared to simple part replacement.

LoF Definitions

CoF Definitions

Project Complexities

	1	2	3	4	5
5	Low	Moderate	Moderate	High	High
4	Low	Low	Moderate	High	High
3	Minimal	Low	Low	Moderate	Moderate
2	Minimal	Minimal	Minimal	Low	Low
1	Minimal	Minimal	Minimal	Minimal	Minimal
	1	2	3	4	5

LIKELIHOOD OF FAILURE



LoF Definitions

For this analysis, the risk event is predominately a deterioration-related asset failure that results in an outage and requires repair or replacement. All research says that age in years is a poor predictor of failure. In this project, age is at most used for a justification for creating a long-term action item. This was accomplished by working directly with LCPUD through multiple face-to-face meetings and going through the projects to understand the impact of the project related assets if they fail. The Likelihood of Failure (LoF) criteria was used to score the pre and post risk for each project in the Master Plan.

LoF's are generally based on past experiences of the SME's. This is meant to be a live activity that is updated with ongoing condition assessment data and so the probability of failures are re-assessed. Components that are observed to be "better" than industry average condition might be provided a lower LoF whereas components that appear to be deteriorating more quickly will be assigned a higher LoF. For example, generator rewind. The industry says that we should anticipate a rewind roughly every 30-40 years. At this moment, the rewind appears with a placeholder and reasonable budgetary figure. If at the 30-year mark (2024), condition assessments show perfect condition and no partial discharge trending then the LoF will be adjusted to reflect that current state. If at 40 years it is still in perfect condition, then again, the LoF score would not arbitrarily be adjusted upwards.

Ranking	Score	Definition
Very High	5	Event will occur within a year
High	4	Event will occur at least once every 1-5 years
Medium	3	Event will occur at least once every 6-15 years
Low	2	Event will occur at least once every 16-50 years.
Very Low	1	Event will occur at least once every 51-100+ years.
NA	0	NA



CoF Definitions

Black & Veatch worked with LCPUD to develop the Consequence of Failure (CoF) criteria used to score the pre (before the project is completed) and post (after the project is completed) risk for each project in the Master Plan.

Score	Purchase Power Impact	Regulatory Compliance	Environment	Reputation, Customer Perception, & Community Impact	Safety (Public & Employee)	Financial Impact
5	18+ months no generation	Cease of operation imposed by regulatory agency	Long term damage to environment	Negative media coverage at national level. Public inquiry.	Fatality(ies)	Over \$5m
4	9 to 18 months no generation	Restricted operations imposed by regulator agency	Major effect on the environment	Sustained negative media coverage. Issues raised by State Government.	Permanent disability	\$1m - \$5m
3	3 to 9 months no generation	Received a notification for corrective action or imminent NOV	Localized effect on environment with recovery of damage within one year	Negative media coverage at State level.	Major injury or temporary disability	\$350,000 - \$1,000,000
2	1 to 3 months no generation	Reportable incident that is self reported and corrected	Minor impact on the environment	Some negative local media coverage. Issue raised with public officials	Minor reportable injury	\$10,000 - \$350,000
1	no generation loss	No Violations	Insignificant impact on the environment	Complaints to Customer Service	None	Less than \$10,000
0		NA	NA	NA	NA	NA



Project Complexities

Black & Veatch worked with LCPUD to develop the Project Complexity criteria used to evaluate each project in the Master Plan. Project Complexity refers to the time that the project manager spends fulfilling the roles of a project manager, engineering manager, and project support administrator and is not based solely on the cost of a project. Low, Medium, and High complexities were the factors used in the Project Prioritization model. Project Complexity can also be described in terms of full-time project manager person-weeks. A low complexity project is $1/7 * 52 = 7.5$ person-weeks, a medium complexity project is $0.25 * 52 = 13$ person-weeks, and a high complexity project is 52 person-weeks.



Lewis County PUD

5. Project Prioritization (1 of 2)



HOME

This section describes the Project Prioritization Dashboards for viewing the model results of the prioritized AIP based on multiple budget levels.

5.1 Modeling Assumptions

Provides a description of assumptions used within the model and a discussion of how to interpret the model results.

5.2 Interpreting the Results

Explains what the results are for the Base Case, Case 1, and Case two and also how they can be compared.

5.3 Base Case

Showcases the model using the status quo budget and project manager constraints with the B&V optimization.

5.4 Base Case vs. Case 2

Compares the Base Case to Case 2: similar budget and an updated project manager constraint with the B&V optimization.

5.5 Scenario Comparison

Provides a comparison of the budget levels that were run in the model. The comparison is based on maximizing risk reduction while maintaining the desired annual spend along with limiting the number of projects managed per year to 14.

DASHBOARDS

Modeling Assumptions

Interpreting the Results

Base Case

Base Case vs. Case 2

Master Plan Scenario Comparison

Master Plan Schedule Comparison

Master Plan Project Explorer

Master Plan Annual Spend



Lewis County PUD

5. Project Prioritization (2 of 2)



HOME

5.6 Schedule Comparison

This provides the schedule impact comparison for the scenarios selected by the user.

5.7 Project Explorer

This provides the details of the project that is selected by the user.

5.8 Annual Spend

This provides the annual spend for each scenario in a large table to review the results.

DASHBOARDS

Modeling Assumptions

Interpreting the Results

Base Case

Base Case vs. Case 2

Master Plan Scenario Comparison

Master Plan Schedule Comparison

Master Plan Project Explorer

Master Plan Annual Spend



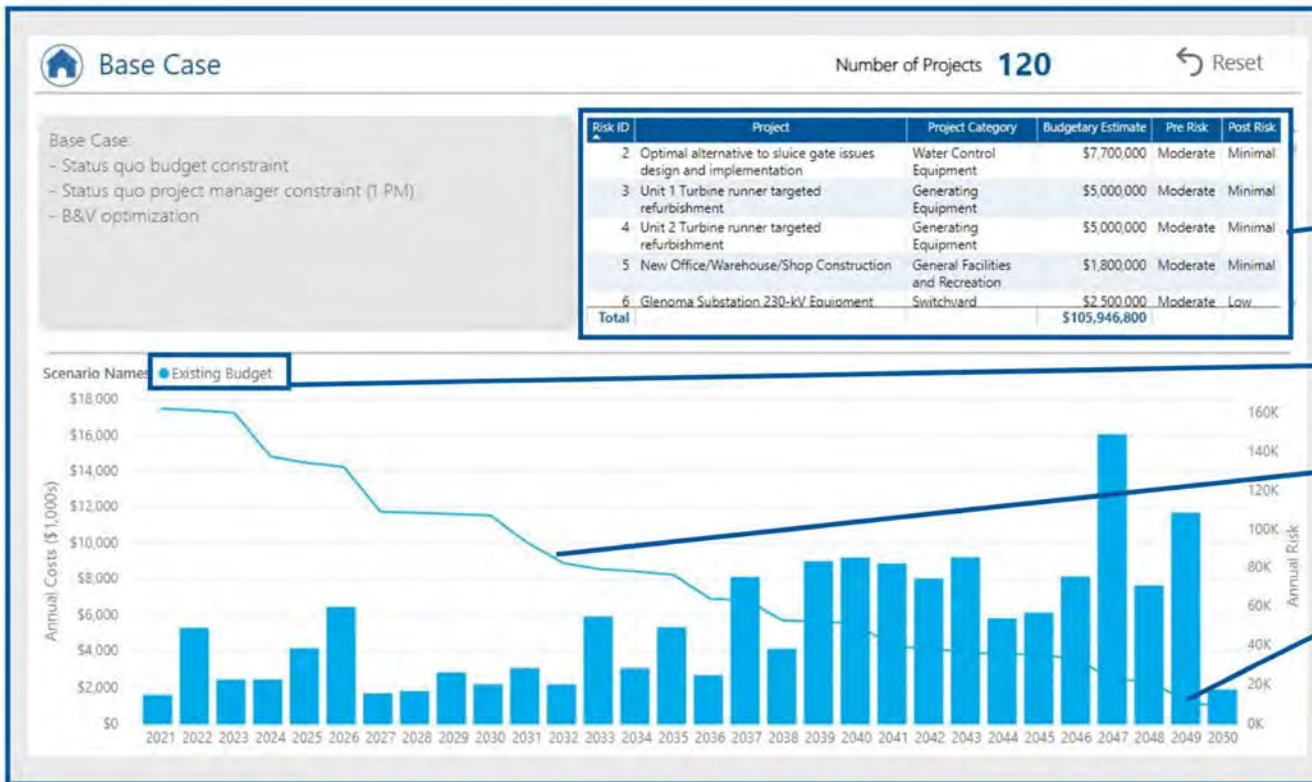
Modeling Assumptions

- Escalation Rate - 3.00%
- Start Year of Study Period - 2021
- Last Year of Study Period - 2050
- Annual Project Execution (1 Project Manager) - the number of projects a Project Manager is able to manage each year
 - High Complexity - 1/Year
 - Medium Complexity - 4/Year
 - Low Complexity - 7/Year
- Maximize Risk Reduction per Dollar Spent
- Duplicate projects for Unit 1 and Unit 2 are constrained such that they are scheduled in consecutive years



Interpreting the Results

The results shown on the results pages similar to the one below are to show how the total risk (CoF x LoF) changes over times as projects are scheduled. The difference in the lines in the chart highlights the additional risk reduction that results from different prioritization scenarios. The bars in the chart show the amount of money that needs to be spent in order to achieve the total risk reduction.



Project details of the projects scheduled in the chart

Scenario being displayed in the chart

Line in chart represents Annual Risk per year that results from projects being scheduled

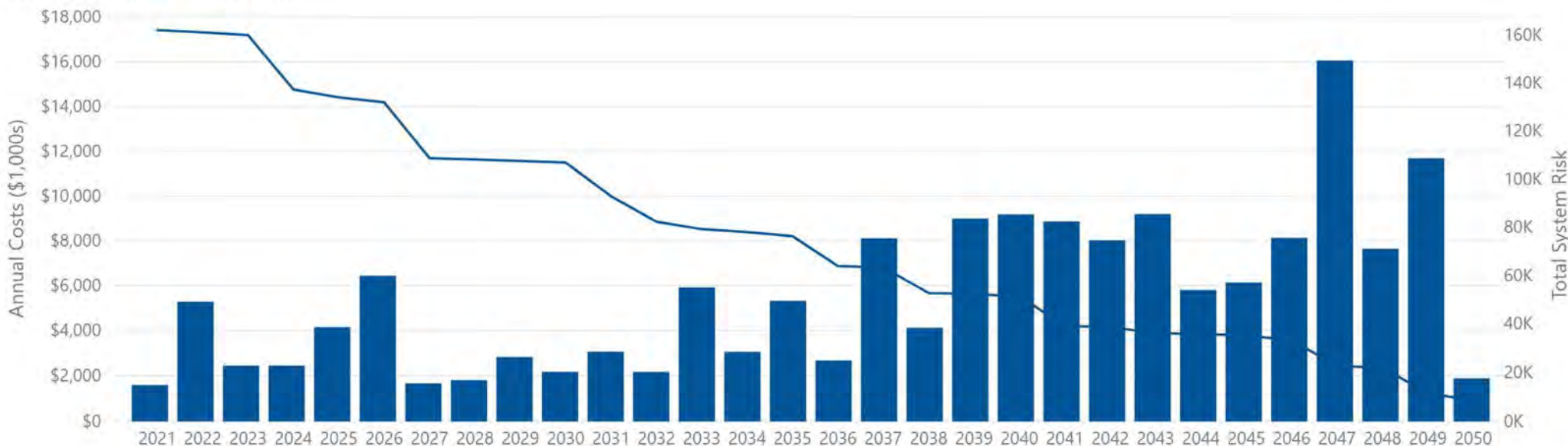
Bar in chart represents Annual Cost for scheduled projects per Year

Base Case:

- Status quo budget constraint
- Status quo project manager constraint (1 PM)
- B&V optimization

Risk ID	Project	Project Category	Budgetary Estimate	Pre Risk	Post Risk
2	Optimal alternative to sluice gate issues design and implementation	Water Control Equipment	\$7,700,000	Moderate	Minimal
3	Unit 1 Turbine runner targeted refurbishment	Generating Equipment	\$5,000,000	Moderate	Minimal
4	Unit 2 Turbine runner targeted refurbishment	Generating Equipment	\$5,000,000	Moderate	Minimal
5	New Office/Warehouse/Shop Construction	General Facilities and Recreation	\$1,800,000	Moderate	Minimal
Total			\$105,946,800		

Scenario Names ● Existing Budget





Base Case vs. Case 2

Number of Projects **120**

Reset

Base Case:

- Status quo budget constraint
- Status quo project manager constraint (1 PM)
- B&V optimization

Case 2:

- Project manager constraint (2 PMs)
- B&V optimization

Risk ID	Project	Project Category	Budgetary Estimate	Pre Risk	Post Risk
2	Optimal alternative to sluice gate issues design and implementation	Water Control Equipment	\$7,700,000	Moderate	Minimal
3	Unit 1 Turbine runner targeted refurbishment	Generating Equipment	\$5,000,000	Moderate	Minimal
4	Unit 2 Turbine runner targeted refurbishment	Generating Equipment	\$5,000,000	Moderate	Minimal
5	New Office/Warehouse/Shop Construction	General Facilities and Recreation	\$1,800,000	Moderate	Minimal
Total			\$105,946,800		

Scenario Names ● Existing Budget ● Increased Budget & 2 PMs



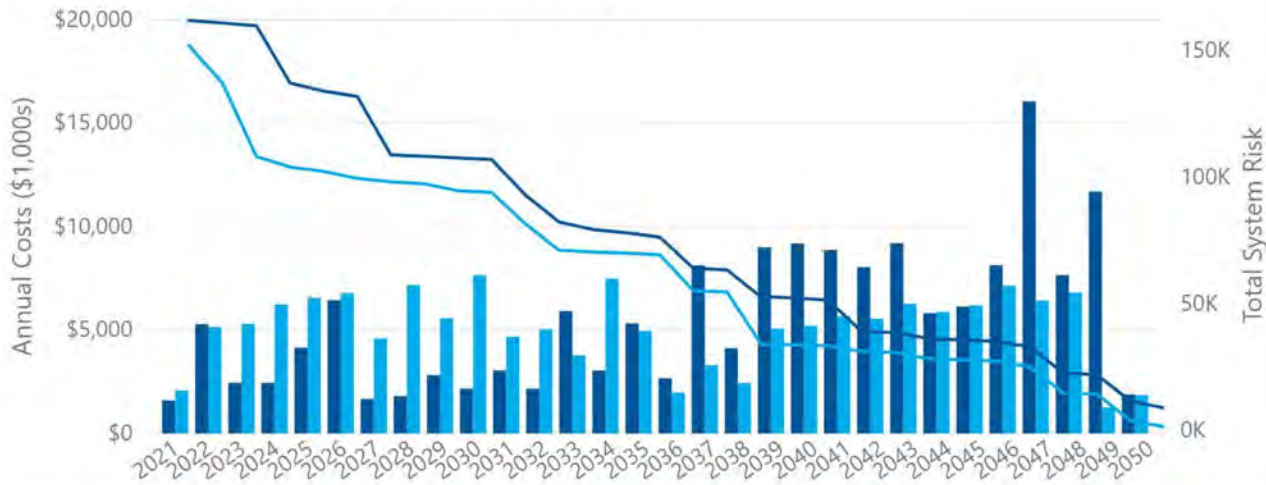


Master Plan Scenario Comparison

Number of Projects **120**

Reset

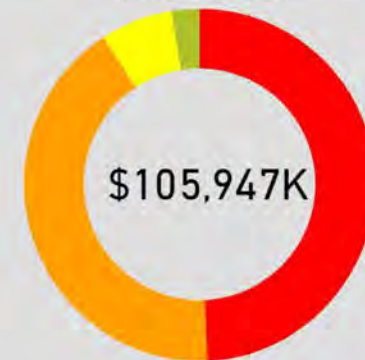
Scenario Names ● Existing Budget ● Increased Budget & 2 PMs



Risk ID	Project	Project Category	Budgetary Estimate	Pre Risk	Post Risk	Risk Reduction	Risk Th
2	Optimal alternative to sluice gate issues design and implementation	Water Control Equipment	\$7,700.00K	Moderate	Minimal	695	
3	Unit 1 Turbine runner targeted refurbishment	Generating Equipment	\$5,000.00K	Moderate	Minimal	195	
4	Unit 2 Turbine runner targeted refurbishment	Generating Equipment	\$5,000.00K	Moderate	Minimal	195	
5	New Office/Warehouse/Shop Construction	General Facilities and Recreation	\$1,800.00K	Moderate	Minimal	546	
6	Glenoma Substation 230-kV Equipment Refurbishment/Replacement	Switchyard	\$2,500.00K	Moderate	Low	145	
8	Tailrace stabilization & Rock Removal	Dam	\$2,000.00K	Moderate	Minimal	109	



Replacement Cost by Risk (2019 \$1,000's)



- High Risk | \$46,640
- Moderate Risk | \$47,491
- Low Risk | \$7,976
- Minimal Risk | \$3,840



Lewis County PUD

6. Staffing Benchmarking



HOME

High-level data from one study (Paidipati, 2017, p. v) results in an average of 0.247 FTE/MW employed in “operation and maintenance of the existing hydropower fleet”. For a utility with 70 MW of hydropower (i.e. LCPUD), one might expect on the order of **17 full-time equivalent personnel**. Personnel categories include Admin-Clerical, Craft-Unskilled, Craft, Supervisory, Engineering, Managerial, and Professional, with Craft-Skilled being the largest category at nearly 40%. Eight hydropower job functions were analyzed within the O&M workforce: Operations, Plant Maintenance, Waterways and Dams, Buildings and Grounds Maintenance, Investment, On-Site Support, Off-Site Support, and Public Affairs and Regulatory (Paidipati, 2017, p. 12, 16, 17). The study notes that nearly all of the workers within the O&M workforce are on-site (Paidipati, 2017, p. 14). Fish and wildlife scientists and environmental scientists are included within the professional category (Paidipati, 2017, p. 32). There is no mention of parks and recreation being included in any of the personnel categories or hydropower job functions.



Lewis County PUD

7. Staffing and Investment Survey Results



HOME

SECTION OVERVIEW

Black & Veatch developed an industry staffing and investment questionnaire to obtain local utility staffing information. Overall, 18 utilities participated in the survey representing 55 powerhouses.

8.1 Survey Investment Results

Analyzes survey investment results and comparison to investment benchmarking.

8.2 Survey Staffing Results

Analyzes survey staffing results and comparison to staffing benchmarking.

DASHBOARDS

Survey Investment Results

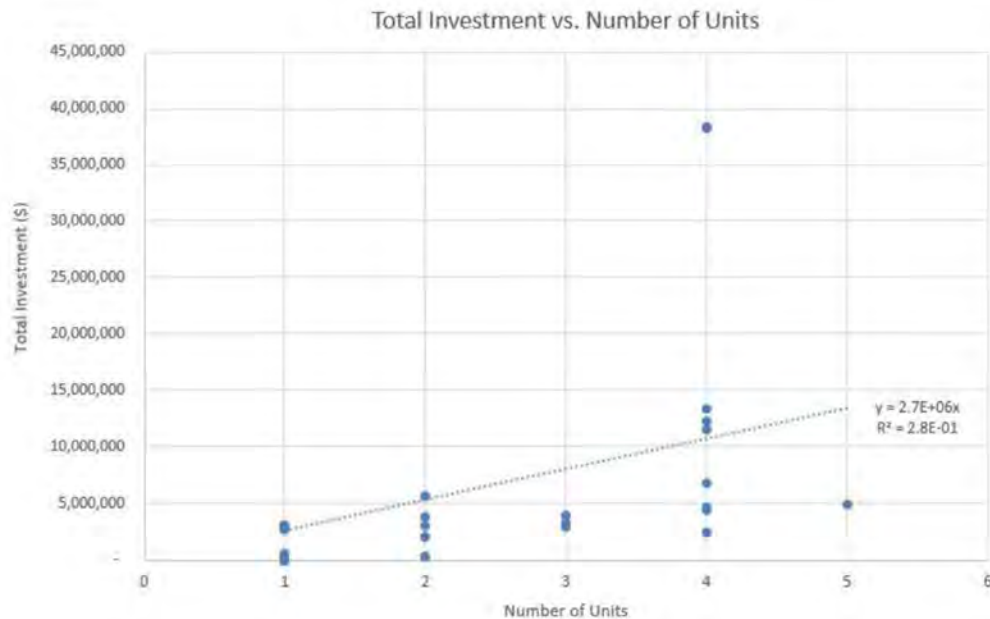
Survey Staffing Results

Survey Investment Results

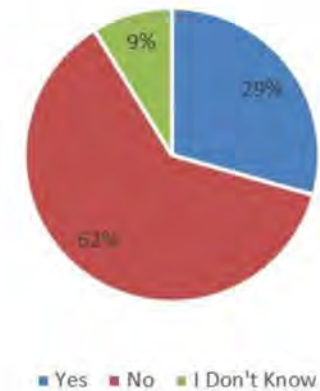
Investment data including routine O&M, capital expenditures, and non-routine O&M was collected from each utility. These values were totaled to calculate the total investment for each powerhouse. The sample size was narrowed down to only include powerhouses with 5 or fewer units to be more comparable with LCPUD. Additionally, utilities who did not include investment data for their powerhouses were not included. This resulted in a total sample size of 34.

The total investment versus number of units is shown graphically. The expected investment level based on \$/Unit is $E(U)=2.7E6xU$ with a coefficient of determination of 28%. Based on this function, the expected total investment for LCPUD is \$5.4M annually.

Utilities were polled on if they are investing to protect equipment against the industry trend towards increasing start-stop and/or torque cycling, shown graphically. 62% of respondents believe they are not prepared for balancing operation.



Is there investment into your facilities that will help protect the equipment against the industry trend towards increasing start-stop and/or torque cycling?



Survey Staffing Results

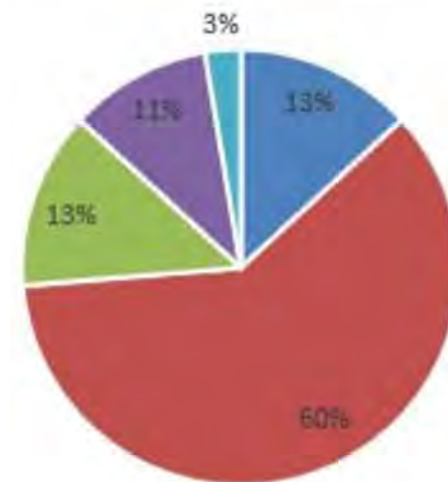
Full-time equivalent (FTE) personnel data was collected from each utility. To calculate the total FTE for each powerhouse, the following categories were totaled for both on-site and off-site personnel: craft personnel (operators, electricians, mechanics, pipe-fitters, etc.), parks, recreation and science professionals (biologists, park staff, water quality experts, etc.), staff (engineers, project managers, supervisors, etc.), and other staff. The sample size was narrowed down to only include powerhouses with 5 or fewer units to be more comparable with LCPUD. A couple additional tweaks were made to the data as some powerhouses are completely reliant on personnel from other sites, therefore making them outliers. This resulted in a total sample size of 38.

Due to differences in the organization of workforces from region to region, the average FTE per unit was calculated by dividing total FTE by total units and equaled 6.2 people. Additionally, the average FTE per unit was calculated excluding parks, recreation and science professionals from the total FTE count and equaled 5.8 people.

Both of the average FTE values are close, showing that it's normal to have 5.8 people per unit in technical fields and additional parks, recreation and science professionals. As such, the expected FTE for LCPUD is 11.6 people plus any additional parks, recreation and science professionals.

Utilities were also surveyed on if they believed their powerhouses were adequately staffed. Most (73%) are content with their staffing level.

My powerhouses are adequately staffed.



- Strongly Agree
- Somewhat Agree
- Neither Agree or Disagree
- Somewhat Disagree
- Strongly Disagree



Lewis County PUD

8. Qualifications and References

Black and Veatch Qualifications:

Black and Veatch has delivered this proven approach for over \$10+ billion of investment planning projects in the last 5 years. The following is a list of recent hydro projects related to risk analysis, budgeting, and planning (Yuba Water Agency, San Francisco Public Utilities Commission, Pacific Gas & Electric, and California Department of Water Resources)

General Sources:

HDR. (September 26, 2018). Independent Review and Analysis: Cowlitz Falls Hydroelectric Project.

McMillen Jacobs & Associates (MJA). (July 2018). Cowlitz Falls Hydroelectric Project FERC No. 2833 Condition Assessment Final.

Investment Benchmarking Sources:

Public Utility District No. 2 of Grant County, Washington. (2019). 2018 Annual Report. Retrieved from <https://www.grantpud.org/templates/galaxy/images/images/Downloads/Publications/2019.05.28-Annual-Report.pdf>

Public Utility District No. 1 of Lewis County. (2019). 2018 Annual Report. Retrieved from <https://www.lcpud.org/wp-content/uploads/Audited-Financials2018-2017.pdf>

Public Utility District No. 1 of Cowlitz County. (June 13, 2019). Financial Statements Audit Report. Retrieved from <https://www.cowlitzpud.org/wp-content/uploads/2018-Cowlitz-PUD-Financial-Audit-Issued.pdf>

Eugene Water & Electric Board. (2019). Independent Auditor's Reports and Financial Statements. Retrieved from <http://www.eweb.org/about-us/publications-and-reports>

Seattle City Light. (2019). 2018 Annual Report. Retrieved from http://www.seattle.gov/light/pubs/AnnualRpt/2018/2018_AnnualRpt.pdf

Tacoma Power. (2019). 2018 Financial Report. Retrieved from <https://www.mytpu.org/wp-content/uploads/PowerAnn18-Final.pdf>

Chelan County Public Utility District. (2019). 2018 Annual Report. Retrieved from <http://www.chelanpud.org/docs/default-source/default-document-library/ar-2018.pdf>

Yuba County Water Agency. (2019). Audited Financial Statements. Retrieved from <https://www.yubawater.org/ArchiveCenter/ViewFile/Item/303>

Snohomish County Public Utility District No. 1. (2019). Annual Report 2018. Retrieved from https://www.snopud.com/Site/Content/Documents/finance/AR18_Web.pdf

Public Utility District No. 1 of Douglas County. (2019). Financial Statements Audit Report. Retrieved from <https://dougaspud.org/Documents/SAO%20Financial%20Report%202018.pdf>

Pend Orielle County Public Utility District. (2019). 2018 Annual Report. Retrieved from <https://popud.org/assets/8870821f0e/2018-Annual-Report.pdf>

Staffing Benchmarking Sources:

Paidipati, J. (January 2, 2017). Hydropower Workforce Development Report. United States. Doi::10.2172/1515066

Adherence to Contract Principles and Support for Risk Informed Decision Making Sources:

Electric Power Research Institute (EPRI). (March 1984). Hydropower Reliability Study [Report EM-3435].

"Federal Guidelines for Dam Safety" Prepared by the Ad Hoc Interagency Committee on Dam Safety, Federal Coordinating Council for Science Engineering and Technology, Washington, D.C.,

June 25, 1979. (Reprinted by US Department of Homeland Security, Federal Emergency Management Agency, April 2004)

U.S. Western Area Power Administration (WAPA), US Bureau of Reclamation (USBR), U.S. Army Corps of Engineers (USACE) and Bonneville Power Administration (BPA). (2017). Federal Replacements: Units, Service Lives, Factors [2017 Revision 1.1].

US Bureau of Reclamation (USBR). (August 2011). Dam safety Public Protection Guidelines: A Risk Framework to Support Dam Safety Decision-Making. <https://www.usbr.gov/ssle/damsafety/documents/PPG201108.pdf>

Centre for Energy Advancement through Technological Innovation (CEATI). (July 2013). hydroAMP Consolidated Equipment Condition Guide [Report No. T092700-0367-1].

Icons used in dashboards are from flaticon.com



Lewis County PUD

9. Appendix



Survey of Standards for Definitions:

From IEEE 95 Recommended Practice for Insulation Testing, "Planned maintenance tests are used to assess stator winding insulation condition, identify maintenance needs, and prevent in-service failures. Information obtained from these tests can be used to take advantage of and perhaps even extend the full, reliable life of the stator winding." Thus, the standard is encouraging the use of data-driven maintenance.

System	Standard	Explicit Definitions
Cranes	ASME B30.2	No
	CSMA 10	No
	AS7 Technical Report No. 8	No
Mech. BOP	ASME FTC 29 governor test code	No
	AWWA C516 butterfly valves	No
	ASME B31.1 power piping code	No
	AWWA C341 actuators for slide gates	No
	ANSI D1.1 Structural Welding Code	No
Generators	ANSI/IEEE Std 4, IEEE Standard Techniques for High Voltage Testing Rotating Machines	No
	IEEE/ANSI C50.12, IEEE Standard for Salient Pole 50Hz and 60Hz Synchronous Generators and Generator/Motors for Hydraulic Turbine Applications Rated 5MVA and Above	No
	IEEE/ANSI C50.10, General Requirements for Synchronous Machines	No
	IEEE 95, Recommended Practice for Insulation Testing of Large Rotating AC Rotating Machinery with High Direct Voltage	No
	IEEE 112, Test Procedure for Polyphase Induction Motors and Generators	No
	ANSI/IEEE 115, IEEE Guide, Test Procedures for Synchronous Machines	No
	IEEE 286, Recommended Practice for Measurement of Power-Factor Tip Up of Rotating Machinery Stator Coil Insulation	No
	IEEE 1043, Recommended Practice for Voltage-Endurance Testing of Form-Wound Bars and Coils	No
	IEEE 1005, Guide for Installation of Vertical Generators and Generator/Motors for Hydroelectric Application	No
	ANSI/IEEE Std 43, IEEE Standard Recommended Practice for Testing Insulation Resistance of Electric Machinery	No
	IEEE 1434 Guide to the Measurements Partial Discharges in Rotating Machinery	No
	IEEE 1553, Trial-Use Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydro-generators	No
	Center for Energy Advancement through Technology Innovation (CEATI), Part B, Vertical Shaft Units with Francis Turbines or Reversible Pump	No
	IEC Publication 60034-1, Rotating Electrical Machines	No
	Excitation	IEC Publication 60034-2A, Methods for Determining Losses and Efficiency of Rotating Electrical Machinery from Tests (Excluding Machines for Traction Vehicles). Measurement of Losses by the Calorimetric Method
IEEE 421.1 - 2007 (based on age might not be active right name) Standard Definition for Excitation System for Synchronous Machines		No
IEEE 421.2 - 2014 Guide for Identification, testing, and Evaluation of the Dynamic Performance of Excitation Control Systems		No
IEEE 421.3 - 2016 High-Potential Test Requirements for Excitation Systems for Synchronous Machines		No
IEEE 421.4 - 2014 Guide for the Preparation of Excitation System Specification		No
Transformers	IEEE 421.5 - 2016 Recommended Practice for Excitation System Models	No
	IEEE C57.12.00- 2015 Standard for General Requirements for liquid-immersed Distribution, Power, and Regulating Transformers	No
	IEEE C57.12.01 - 2015 General Requirements for Dry-Type Distribution and Power Transformers	No
	IEEE C57.12.11-2017 Standard Requirements for liquid-immersed Power Transformers	No
	(withdrawn) IEEE C57.12.11 - 1980 Guide for Installation of Oil-immersed Transformers (10MVA and larger, 60-287kV rating)	No
Hydraulic structures	US Bureau of Reclamation, Dam safety Public Protection Guidelines: A Risk Framework to Support Dam Safety Decision-Making, Aug 2011	No

Appendix – Master Plan Annual Spend – Base Case



Base Case Annual Spend Report (Prioritized Status Quo Budget and 1 PM)

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Assessment and Upgrades for refurbishment of gantry crane											
Battery bank replacement				\$55							
Boat barrier replacement											
Bridge Inspection and Analysis		\$103									
Campground Electrical Design for future Upgrade											
Campground Electrical Upgrade											
Campground Restroom Construction											
Campground Shelter construction											
Campground Storage Building Construction							\$179				
CHAP Wildlife Evaluation									\$443		
Coating and cathodic protection upgrades completion phase	\$400										
Concrete dam deck and exterior repair											\$20
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations				\$219	\$225	\$232	\$239	\$246	\$253	\$261	\$269
Cooling water Backwash controls upgrade						\$23					
Dam joint movement study											\$134
Day Use Park Improvements											
Day Use Park Well Addition								\$49			
Deck bridge beams coating								\$615			
Deck steel structures painting							\$358				
Dewatering Pump System Replacement											
Downstream Boat Ramp Construction											
Downstream Fishing Area Improvements								\$49			
Draft Tube Gate & Hoist Rehabilitation											
Drainage Pump System Refurbishment									\$152		
Drainage Sump Oil Skimmer Addition							\$36				
Drawings to CAD											
Elevator Upgrade								\$307			
Emergency diesel generator replacement											
Erosion left abutment (end) repair									\$32	\$294	
ESA Requirements/Bi-Op Studies			\$159	\$164	\$169	\$174	\$179	\$184	\$190	\$196	\$202

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Assessment and Upgrades for refurbishment of gantry crane										\$135	\$1,256
Battery bank replacement											
Boat barrier replacement	\$138										
Bridge Inspection and Analysis											
Campground Electrical Design for future Upgrade			\$88								
Campground Electrical Upgrade	\$42	\$385									
Campground Restroom Construction		\$214									
Campground Shelter construction						\$64					
Campground Storage Building Construction											
CHAP Wildlife Evaluation											
Coating and cathodic protection upgrades completion phase											
Concrete dam deck and exterior repair	\$187										
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations	\$277	\$285	\$294	\$303	\$312	\$321	\$331	\$340	\$351	\$361	\$372
Cooling water Backwash controls upgrade											
Dam joint movement study											
Day Use Park Improvements											
Day Use Park Well Addition											
Deck bridge beams coating											
Deck steel structures painting											
Dewatering Pump System Replacement											\$167
Downstream Boat Ramp Construction	\$35	\$321									
Downstream Fishing Area Improvements											
Draft Tube Gate & Hoist Rehabilitation		\$356									
Drainage Pump System Refurbishment											
Drainage Sump Oil Skimmer Addition											
Drawings to CAD											
Elevator Upgrade											
Emergency diesel generator replacement			\$73								
Erosion left abutment (end) repair											
ESA Requirements/Bi-Op Studies	\$208	\$214	\$220	\$227	\$234	\$241	\$248	\$255	\$263	\$271	\$279

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Assessment and Upgrades for refurbishment of gantry crane									\$1,391
Battery bank replacement									\$55
Boat barrier replacement									\$138
Bridge Inspection and Analysis									\$103
Campground Electrical Design for future Upgrade									\$88
Campground Electrical Upgrade									\$427
Campground Restroom Construction									\$214
Campground Shelter construction									\$64
Campground Storage Building Construction									\$179
CHAP Wildlife Evaluation				\$733					\$1,176
Coating and cathodic protection upgrades completion phase									\$400
Concrete dam deck and exterior repair									\$207
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations	\$383	\$395	\$407	\$419	\$431	\$444	\$458	\$471	\$8,899
Cooling water Backwash controls upgrade									\$23
Dam joint movement study									\$134
Day Use Park Improvements								\$28	\$28
Day Use Park Well Addition									\$49
Deck bridge beams coating									\$615
Deck steel structures painting									\$358
Dewatering Pump System Replacement							\$206		\$373
Downstream Boat Ramp Construction									\$356
Downstream Fishing Area Improvements									\$49
Draft Tube Gate & Hoist Rehabilitation									\$356
Drainage Pump System Refurbishment									\$152
Drainage Sump Oil Skimmer Addition									\$36
Drawings to CAD								\$106	\$106
Elevator Upgrade									\$307
Emergency diesel generator replacement									\$73
Erosion left abutment (end) repair									\$326
ESA Requirements/BI- Op Studies	\$287	\$296	\$305	\$314	\$323	\$333	\$343	\$353	\$6,831

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Evaluation of alternatives for paging system modification or replacement											
Execution of recommended switchyard maintenance				\$11							
FERC Campground improvements					\$23	\$209					
FERC Part 12 Inspections				\$437	\$450		\$478		\$507		\$538
FERC Part 12 Mandated Seismic Analyses		\$103	\$106								
Fiber Optic Network Expansion											
Fire Detection System Upgrade					\$5	\$42					
Fire Water System Refurbishment			\$85								
Future FERC mandated spillway gate inspections								\$123			
Generator cooling water system refurbishment											
Generator frame and lower bracket anchor bolt and grout testing and replacement											
Generator hatch cover seals replacement	\$100										
Generator Rotor Refurbishment					\$351						
Generator Testing & AVR Calibration	\$90					\$104					\$121
Glenoma Substation 230-kV Equipment Refurbishment/Replacement	\$250	\$2,318									
Governor assessment											
Governor investigation to determine cause of bubbles in the oil							\$12				
Gravel Project Roads Construction								\$123			
GSU #1 protective relays replacement	\$15	\$139									
GSU #2 protective relays replacement			\$16	\$148							
HVAC Replacement Phase 1											
HVAC Replacement Phase 2									\$40		
Intake Debris Management											
Intake Gate Slot Covers Recoating											
License submittal (relicensing) preparation									\$752	\$775	\$798
Line protective relays replacement											
Main station service switchgear circuit breakers replacement											
Mobile Crane Replacement				\$82							
Need of flashboards of emergency spillway assessment											
New bridge cranes over Unit 1 and Unit 2 Installation			\$424								
New Fire Alarm horns (annunciator)									\$32	\$294	
New intake headgate slot cover redesign, supply, and installation										\$65	\$67
New Office/Warehouse/Shop Construction	\$180	\$1,669									
New water supply wells construction											

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Evaluation of alternatives for paging system modification or replacement			\$73								
Execution of recommended switchyard maintenance											
FERC Campground improvements											
FERC Part 12 Inspections											
FERC Part 12 Mandated Seismic Analyses											
Fiber Optic Network Expansion							\$215	\$221	\$228	\$235	\$242
Fire Detection System Upgrade											
Fire Water System Refurbishment											
Future FERC mandated spillway gate inspections						\$160					
Generator cooling water system refurbishment				\$76							
Generator frame and lower bracket anchor bolt and grout testing and replacement				\$76							
Generator hatch cover seals replacement											
Generator Rotor Refurbishment											
Generator Testing & AVR Calibration					\$140					\$163	
Glenoma Substation 230- kV Equipment Refurbishment/Replacement											
Governor assessment							\$33				
Governor investigation to determine cause of bubbles in the oil											
Gravel Project Roads Construction											
GSU #1 protective relays replacement											
GSU #2 protective relays replacement											
HVAC Replacement Phase 1							\$12	\$115			
HVAC Replacement Phase 2											
Intake Debris Management											
Intake Gate Slot Covers Recoating					\$125						
License submittal (relicensing) preparation	\$822	\$847	\$872	\$898							
Line protective relays replacement			\$22	\$204							
Main station service switchgear circuit breakers replacement	\$69	\$642									
Mobile Crane Replacement											
Need of flashboards of emergency spillway assessment				\$38							
New bridge cranes over Unit 1 and Unit 2 Installation											
New Fire Alarm horns (annunciator)											
New intake headgate slot cover redesign, supply, and installation											
New Office/Warehouse/Shop Construction											
New water supply wells construction			\$73								

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Evaluation of alternatives for paging system modification or replacement									\$73
Execution of recommended switchyard maintenance									\$11
FERC Campground improvements									\$232
FERC Part 12 Inspections									\$2,410
FERC Part 12 Mandated Seismic Analyses									\$209
Fiber Optic Network Expansion									\$1,141
Fire Detection System Upgrade									\$47
Fire Water System Refurbishment									\$85
Future FERC mandated spillway gate inspections									\$283
Generator cooling water system refurbishment									\$76
Generator frame and lower bracket anchor bolt and grout testing and replacement									\$76
Generator hatch cover seals replacement									\$100
Generator Rotor Refurbishment									\$351
Generator Testing & AVR Calibration				\$188					\$806
Glenoma Substation 230- kV Equipment Refurbishment/Replacement									\$2,568
Governor assessment									\$33
Governor investigation to determine cause of bubbles in the oil									\$12
Gravel Project Roads Construction									\$123
GSU #1 protective relays replacement									\$154
GSU #2 protective relays replacement									\$164
HVAC Replacement Phase 1									\$127
HVAC Replacement Phase 2									\$40
Intake Debris Management	\$575							\$707	\$1,282
Intake Gate Slot Covers Recoating									\$125
License submittal (relicensing) preparation									\$5,764
Line protective relays replacement									\$226
Main station service switchgear circuit breakers replacement									\$711
Mobile Crane Replacement									\$82
Need of flashboards of emergency spillway assessment									\$38
New bridge cranes over Unit 1 and Unit 2 Installation									\$424
New Fire Alarm horns (annunciator)									\$326
New intake headgate slot cover redesign, supply, and installation									\$132
New Office/Warehouse/Shop Construction									\$1,849
New water supply wells construction									\$73

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
North Boat Launch & Docks Construction											
Operations staff formal training											
Optimal alternative to sluice gate issues design and implementation				\$841	\$2,600	\$5,356					
Park & Campground Building Refurbishments											
Plant Restroom Upgrade		\$31									
Powerhouse compressed air system replacement					\$84						
Radio pager replacement and upgrade							\$96				
Rafter kayaker alternate sites selection		\$15		\$38							
Rail extension over spillway 4 to access the sluice gates	\$170	\$525	\$1,082								
Recreation Plan	\$75										
Relicensing requirements implementation for recreation, fish & wildlife, operation											
Roads Maintenance	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39	\$40
Rock Scaling											
Security Improvements		\$77	\$53	\$55	\$56						
Security Improvements Plan	\$85										
Sedimentation Mangement			\$212								
Service water system pump's variable frequency drive (VFD) replacement			\$16								
Service Water System Refurbishment											
Spillway 1 slab (apron #1) repair								\$37	\$342		
Spillway flap gate damage repair on actuator arm alignment											
Spillway flap gate design analysis and improvements suggestions				\$16							
Spillway Gate Control System Replacement										\$26	\$242
Spillway gate response to seismic load assessment		\$52									
Spillway Rehabilitation											
Spillway tension anchor inspection											
Staff augmentation to cover relicensing process											
Surge arresters replacement							\$20				
Tailrace stabilization & Rock Removal											
Temporary Office Setup	\$49	\$50	\$52								
Top deck curb and safety fence replacement	\$100										
Top Deck Storage Addition											
Trash Rack and Rake Replacement											
Trash removal system upgrade											
Unit 1 - 230-kV Line breaker replacement											

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
North Boat Launch & Docks Construction						\$10	\$89				
Operations staff formal training											
Optimal alternative to sluice gate issues design and implementation											
Park & Campground Building Refurbishments		\$43	\$397								
Plant Restroom Upgrade											
Powerhouse compressed air system replacement											
Radio pager replacement and upgrade											
Rafter kayaker alternate sites selection											
Rail extension over spillway 4 to access the sluice gates											
Recreation Plan											
Relicensing requirements implementation for recreation, fish & wildlife, operation						\$1,605	\$1,653	\$4,256	\$4,384	\$4,515	\$4,651
Roads Maintenance	\$42	\$43	\$44	\$45	\$47	\$48	\$50	\$51	\$53	\$54	\$56
Rock Scaling										\$135	
Security Improvements											
Security Improvements Plan											
Sedimentation Mangement											
Service water system pump's variable frequency drive (VFD) replacement											
Service Water System Refurbishment					\$93						
Spillway 1 slab (apron #1) repair											
Spillway flap gate damage repair on actuator arm alignment	\$69										
Spillway flap gate design analysis and improvements suggestions											
Spillway Gate Control System Replacement											
Spillway gate response to seismic load assessment											
Spillway Rehabilitation	\$221	\$2,053									
Spillway tension anchor inspection									\$35		
Staff augmentation to cover relicensing process			\$596	\$614	\$633	\$652	\$671	\$691	\$712		
Surge arresters replacement											
Tailrace stabilization & Rock Removal			\$294	\$2,723							
Temporary Office Setup											
Top deck curb and safety fence replacement											
Top Deck Storage Addition						\$48					
Trash Rack and Rake Replacement							\$298	\$2,758			
Trash removal system upgrade					\$312	\$2,888					
Unit 1 - 230 kV Line breaker replacement				\$53	\$491						

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
North Boat Launch & Docks Construction									\$99
Operations staff formal training		\$128	\$132	\$136	\$140	\$144	\$149	\$153	\$982
Optimal alternative to sluice gate issues design and implementation									\$8,797
Park & Campground Building Refurbishments									\$440
Plant Restroom Upgrade									\$31
Powerhouse compressed air system replacement									\$84
Radio pager replacement and upgrade									\$96
Rafter kayaker alternate sites selection									\$53
Rail extension over spillway 4 to access the sluice gates									\$1,777
Recreation Plan									\$75
Relicensing requirements implementation for recreation, fish & wildlife, operation	\$4,790	\$4,934	\$5,082	\$5,234	\$5,391	\$5,553			\$52,048
Roads Maintenance	\$57	\$59	\$61	\$63	\$65	\$67	\$69	\$71	\$1,430
Rock Scaling			\$152				\$172		\$459
Security Improvements									\$241
Security Improvements Plan									\$85
Sedimentation Mangement									\$212
Service water system pump's variable frequency drive (VFD) replacement									\$16
Service Water System Refurbishment									\$93
Spillway 1 slab (apron #1) repair									\$379
Spillway flap gate damage repair on actuator arm alignment									\$69
Spillway flap gate design analysis and improvements suggestions									\$16
Spillway Gate Control System Replacement									\$268
Spillway gate response to seismic load assessment									\$52
Spillway Rehabilitation									\$2,274
Spillway tension anchor inspection									\$35
Staff augmentation to cover relicensing process									\$4,569
Surge arresters replacement									\$20
Tailrace stabilization & Rock Removal									\$3,017
Temporary Office Setup									\$151
Top deck curb and safety fence replacement									\$100
Top Deck Storage Addition									\$48
Trash Rack and Rake Replacement									\$3,056
Trash removal system upgrade									\$3,200
Unit 1 - 230- kV Line breaker replacement									\$544

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Unit 1 - Generator On-Line Monitoring Upgrade					\$113						
Unit 1 excitation system replacement										\$52	\$484
Unit 1 exciter brush dust handling system design, procurement and installation											
Unit 1 generator protective relays replacement	\$15	\$139									
Unit 1 Generator rewind											
Unit 1 GSU main power transformers replacement											
Unit 1 Refurbishment and governor upgrade											
Unit 1 Turbine runner targeted refurbishment											
Unit 1 Turbine-Generator Inspection & Cleaning			\$159								
Unit 2 - 230-kV Line breaker replacement											
Unit 2 - Generator On-Line Monitoring Upgrade						\$116					
Unit 2 excitation system replacement											
Unit 2 exciter brush dust handling system design, procurement and installation											
Unit 2 generator protective relays replacement			\$16	\$148							
Unit 2 Generator rewind											
Unit 2 GSU main power transformers replacement											
Unit 2 Refurbishment and governor upgrade											
Unit 2 Turbine runner targeted refurbishment											
Unit 2 Turbine-Generator Inspection & Cleaning				\$164							
Unit 3 Feasibility Study						\$116					
Units 1&2 and Transmission control panels Component Replacement										\$130	\$134
Wildlife Land Management	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39	
Total	\$1,589	\$5,283	\$2,444	\$2,444	\$4,144	\$6,442	\$1,669	\$1,807	\$2,819	\$2,171	\$3,049

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Unit 1 - Generator On-Line Monitoring Upgrade											
Unit 1 excitation system replacement											
Unit 1 exciter brush dust handling system design, procurement and installation				\$62							
Unit 1 generator protective relays replacement											
Unit 1 Generator rewind									\$316	\$2,926	
Unit 1 GSU main power transformers replacement					\$218	\$2,022					
Unit 1 Refurbishment and governor upgrade								\$68	\$631		
Unit 1 Turbine runner targeted refurbishment											
Unit 1 Turbine-Generator Inspection & Cleaning											
Unit 2 - 230-kV Line breaker replacement						\$56	\$521				
Unit 2 - Generator On-Line Monitoring Upgrade											
Unit 2 excitation system replacement	\$55	\$513									
Unit 2 exciter brush dust handling system design, procurement and installation					\$64						
Unit 2 generator protective relays replacement											
Unit 2 Generator rewind											\$335
Unit 2 GSU main power transformers replacement								\$238	\$2,209		
Unit 2 Refurbishment and governor upgrade										\$72	\$670
Unit 2 Turbine runner targeted refurbishment											
Unit 2 Turbine-Generator Inspection & Cleaning											
Unit 3 Feasibility Study											
Units 1&2 and Transmission control panels Component Replacement											
Wildlife Land Management											
Total	\$2,165	\$5,916	\$3,046	\$5,319	\$2,669	\$8,115	\$4,121	\$8,993	\$9,182	\$8,867	\$8,028

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Unit 1 - Generator On-Line Monitoring Upgrade									\$113
Unit 1 excitation system replacement									\$536
Unit 1 exciter brush dust handling system design, procurement and installation									\$62
Unit 1 generator protective relays replacement									\$154
Unit 1 Generator rewind									\$3,242
Unit 1 GSU main power transformers replacement									\$2,240
Unit 1 Refurbishment and governor upgrade									\$699
Unit 1 Turbine runner targeted refurbishment				\$1,047	\$9,705				\$10,752
Unit 1 Turbine-Generator Inspection & Cleaning									\$159
Unit 2 - 230-kV Line breaker replacement									\$577
Unit 2 - Generator On-Line Monitoring Upgrade									\$116
Unit 2 excitation system replacement									\$568
Unit 2 exciter brush dust handling system design, procurement and installation									\$64
Unit 2 generator protective relays replacement									\$164
Unit 2 Generator rewind	\$3,104								\$3,439
Unit 2 GSU main power transformers replacement									\$2,447
Unit 2 Refurbishment and governor upgrade									\$742
Unit 2 Turbine runner targeted refurbishment						\$1,111	\$10,296		\$11,407
Unit 2 Turbine-Generator Inspection & Cleaning									\$164
Unit 3 Feasibility Study									\$116
Units 1&2 and Transmission control panels Component Replacement									\$264
Wildlife Land Management									\$345
Total	\$9,196	\$5,812	\$6,139	\$8,134	\$16,055	\$7,652	\$11,693	\$1,889	\$166,852

Appendix – Master Plan Annual Spend – Case 2



Case 2 Annual Spend Report (Prioritized Increased Budget and 2 PMs)

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Assessment and Upgrades for refurbishment of gantry crane											
Battery bank replacement		\$52									
Boat barrier replacement	\$100										
Bridge Inspection and Analysis			\$106								
Campground Electrical Design for future Upgrade			\$64								
Campground Electrical Upgrade						\$35	\$322				
Campground Restroom Construction									\$190		
Campground Shelter construction		\$41									
Campground Storage Building Construction							\$179				
CHAP Wildlife Evaluation									\$443		
Coating and cathodic protection upgrades completion phase	\$400										
Concrete dam deck and exterior repair			\$16	\$148							
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations			\$212	\$219	\$225	\$232	\$239	\$246	\$253	\$261	\$269
Cooling water Backwash controls upgrade					\$23						
Dam joint movement study			\$106								
Day Use Park Improvements											
Day Use Park Well Addition							\$48				
Deck bridge beams coating							\$597				
Deck steel structures painting											
Dewatering Pump System Replacement											
Downstream Boat Ramp Construction					\$28	\$261					
Downstream Fishing Area Improvements					\$45						
Draft Tube Gate & Hoist Rehabilitation				\$273							
Drainage Pump System Refurbishment			\$127								
Drainage Sump Oil Skimmer Addition			\$32								
Drawings to CAD								\$55	\$57	\$59	\$60
Elevator Upgrade					\$281						
Emergency diesel generator replacement			\$53								
Erosion left abutment (end) repair						\$29	\$269				
ESA Requirements/Bi-Op Studies			\$159	\$164	\$169	\$174	\$179	\$184	\$190	\$196	\$202

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Assessment and Upgrades for refurbishment of gantry crane	\$104	\$962									
Battery bank replacement											
Boat barrier replacement											
Bridge Inspection and Analysis											
Campground Electrical Design for future Upgrade											
Campground Electrical Upgrade											
Campground Restroom Construction											
Campground Shelter construction											
Campground Storage Building Construction											
CHAP Wildlife Evaluation											
Coating and cathodic protection upgrades completion phase											
Concrete dam deck and exterior repair											
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations	\$277	\$285	\$294	\$303	\$312	\$321	\$331	\$340	\$351	\$361	\$372
Cooling water Backwash controls upgrade											
Dam joint movement study											
Day Use Park Improvements											
Day Use Park Well Addition											
Deck bridge beams coating											
Deck steel structures painting	\$415										
Dewatering Pump System Replacement											
Downstream Boat Ramp Construction											
Downstream Fishing Area Improvements											
Draft Tube Gate & Hoist Rehabilitation											
Drainage Pump System Refurbishment											
Drainage Sump Oil Skimmer Addition											
Drawings to CAD	\$62	\$64	\$44	\$45	\$47	\$48	\$50	\$51	\$53	\$54	\$56
Elevator Upgrade											
Emergency diesel generator replacement											
Erosion left abutment (end) repair											
ESA Requirements/Bi-Op Studies	\$208	\$214	\$220	\$227	\$234	\$241	\$248	\$255	\$263	\$271	\$279

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Assessment and Upgrades for refurbishment of gantry crane									\$1,066
Battery bank replacement									\$52
Boat barrier replacement									\$100
Bridge Inspection and Analysis									\$106
Campground Electrical Design for future Upgrade									\$64
Campground Electrical Upgrade									\$357
Campground Restroom Construction									\$190
Campground Shelter construction									\$41
Campground Storage Building Construction									\$179
CHAP Wildlife Evaluation				\$733					\$1,176
Coating and cathodic protection upgrades completion phase									\$400
Concrete dam deck and exterior repair									\$164
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations	\$383	\$395	\$407	\$419	\$431	\$444	\$458	\$471	\$9,111
Cooling water Backwash controls upgrade									\$23
Dam joint movement study									\$106
Day Use Park Improvements								\$28	\$28
Day Use Park Well Addition									\$48
Deck bridge beams coating									\$597
Deck steel structures painting									\$415
Dewatering Pump System Replacement						\$200			\$200
Downstream Boat Ramp Construction									\$289
Downstream Fishing Area Improvements									\$45
Draft Tube Gate & Hoist Rehabilitation									\$273
Drainage Pump System Refurbishment									\$127
Drainage Sump Oil Skimmer Addition									\$32
Drawings to CAD	\$57	\$59	\$61	\$63	\$65	\$67	\$69	\$71	\$1,317
Elevator Upgrade									\$281
Emergency diesel generator replacement									\$53
Erosion left abutment (end) repair									\$298
ESA Requirements/BI- Op Studies	\$287	\$296	\$305	\$314	\$323	\$333	\$343	\$353	\$6,831

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Evaluation of alternatives for paging system modification or replacement		\$52									
Execution of recommended switchyard maintenance					\$11						
FERC Campground improvements	\$20	\$185									
FERC Part 12 Inspections				\$437	\$450		\$478		\$507		\$538
FERC Part 12 Mandated Seismic Analyses	\$100	\$103									
Fiber Optic Network Expansion							\$155	\$160	\$165	\$170	\$175
Fire Detection System Upgrade	\$4	\$37									
Fire Water System Refurbishment		\$82									
Future FERC mandated spillway gate inspections								\$123			
Generator cooling water system refurbishment				\$55							
Generator frame and lower bracket anchor bolt and grout testing and replacement				\$55							
Generator hatch cover seals replacement	\$100										
Generator Rotor Refurbishment							\$373				
Generator Testing & AVR Calibration	\$90					\$104					\$121
Glenoma Substation 230- kV Equipment Refurbishment/Replacement		\$258	\$2,387								
Governor assessment							\$24				
Governor investigation to determine cause of bubbles in the oil				\$11							
Gravel Project Roads Construction				\$109							
GSU #1 protective relays replacement					\$17	\$157					
GSU #2 protective relays replacement							\$18	\$166			
HVAC Replacement Phase 1								\$9	\$86		
HVAC Replacement Phase 2							\$38				
Intake Debris Management		\$309							\$380		
Intake Gate Slot Covers Recoating							\$96				
License submittal (relicensing) preparation									\$752	\$775	\$798
Line protective relays replacement	\$15	\$139									
Main station service switchgear circuit breakers replacement	\$50	\$464									
Mobile Crane Replacement					\$84						
Need of flashboards of emergency spillway assessment					\$28						
New bridge cranes over Unit 1 and Unit 2 Installation							\$478				
New Fire Alarm horns (annunciator)		\$26	\$239								
New intake headgate slot cover redesign, supply, and installation					\$56	\$58					
New Office/Warehouse/Shop Construction				\$197	\$1,823						
New water supply wells construction				\$55							

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Evaluation of alternatives for paging system modification or replacement											
Execution of recommended switchyard maintenance											
FERC Campground improvements											
FERC Part 12 Inspections											
FERC Part 12 Mandated Seismic Analyses											
Fiber Optic Network Expansion											
Fire Detection System Upgrade											
Fire Water System Refurbishment											
Future FERC mandated spillway gate inspections						\$160					
Generator cooling water system refurbishment											
Generator frame and lower bracket anchor bolt and grout testing and replacement											
Generator hatch cover seals replacement											
Generator Rotor Refurbishment											
Generator Testing & AVR Calibration					\$140					\$163	
Glenoma Substation 230- kV Equipment Refurbishment/Replacement											
Governor assessment											
Governor investigation to determine cause of bubbles in the oil											
Gravel Project Roads Construction											
GSU #1 protective relays replacement											
GSU #2 protective relays replacement											
HVAC Replacement Phase 1											
HVAC Replacement Phase 2											
Intake Debris Management					\$467						
Intake Gate Slot Covers Recoating											
License submittal (relicensing) preparation	\$822	\$847	\$872	\$898							
Line protective relays replacement											
Main station service switchgear circuit breakers replacement											
Mobile Crane Replacement											
Need of flashboards of emergency spillway assessment											
New bridge cranes over Unit 1 and Unit 2 Installation											
New Fire Alarm horns (annunciator)											
New intake headgate slot cover redesign, supply, and installation											
New Office/Warehouse/Shop Construction											
New water supply wells construction											

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Evaluation of alternatives for paging system modification or replacement									\$52
Execution of recommended switchyard maintenance									\$11
FERC Campground improvements									\$205
FERC Part 12 Inspections									\$2,410
FERC Part 12 Mandated Seismic Analyses									\$203
Fiber Optic Network Expansion									\$825
Fire Detection System Upgrade									\$41
Fire Water System Refurbishment									\$82
Future FERC mandated spillway gate inspections									\$283
Generator cooling water system refurbishment									\$55
Generator frame and lower bracket anchor bolt and grout testing and replacement									\$55
Generator hatch cover seals replacement									\$100
Generator Rotor Refurbishment									\$373
Generator Testing & AVR Calibration				\$188					\$806
Glenoma Substation 230- kV Equipment Refurbishment/Replacement									\$2,645
Governor assessment									\$24
Governor investigation to determine cause of bubbles in the oil									\$11
Gravel Project Roads Construction									\$109
GSU #1 protective relays replacement									\$174
GSU #2 protective relays replacement									\$184
HVAC Replacement Phase 1									\$95
HVAC Replacement Phase 2									\$38
Intake Debris Management	\$575							\$707	\$2,438
Intake Gate Slot Covers Recoating									\$96
License submittal (relicensing) preparation									\$5,764
Line protective relays replacement									\$154
Main station service switchgear circuit breakers replacement									\$514
Mobile Crane Replacement									\$84
Need of flashboards of emergency spillway assessment									\$28
New bridge cranes over Unit 1 and Unit 2 Installation									\$478
New Fire Alarm horns (annunciator)									\$265
New intake headgate slot cover redesign, supply, and installation									\$114
New Office/Warehouse/Shop Construction									\$2,020
New water supply wells construction									\$55

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
North Boat Launch & Docks Construction			\$6	\$59							
Operations staff formal training							\$78	\$80	\$82	\$85	\$87
Optimal alternative to sluice gate issues design and implementation				\$841	\$2,600	\$5,356					
Park & Campground Building Refurbishments								\$37	\$342		
Plant Restroom Upgrade					\$34						
Powerhouse compressed air system replacement			\$80								
Radio pager replacement and upgrade	\$80										
Rafter kayaker alternate sites selection		\$15		\$38							
Rail extension over spillway 4 to access the sluice gates	\$170	\$525	\$1,082								
Recreation Plan	\$75										
Relicensing requirements implementation for recreation, fish & wildlife, operation											
Roads Maintenance	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39	\$40
Rock Scaling					\$84				\$95		
Security Improvements		\$77	\$53	\$55	\$56						
Security Improvements Plan	\$85										
Sedimentation Mangement	\$200										
Service water system pump's variable frequency drive (VFD) replacement				\$16							
Service Water System Refurbishment								\$74			
Spillway 1 slab (apron #1) repair				\$33	\$304						
Spillway flap gate damage repair on actuator arm alignment			\$53								
Spillway flap gate design analysis and improvements suggestions		\$15									
Spillway Gate Control System Replacement						\$23	\$215				
Spillway gate response to seismic load assessment		\$52									
Spillway Rehabilitation			\$170	\$1,574							
Spillway tension anchor inspection											
Staff augmentation to cover relicensing process											\$546
Surge arresters replacement				\$19							
Tailrace stabilization & Rock Removal											
Temporary Office Setup	\$49	\$50	\$52								
Top deck curb and safety fence replacement	\$100										
Top Deck Storage Addition					\$34						
Trash Rack and Rake Replacement			\$191	\$1,770							
Trash removal system upgrade											
Unit 1 - 230-kV Line breaker replacement								\$43	\$399		

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
North Boat Launch & Docks Construction											
Operations staff formal training	\$90	\$93	\$95	\$98	\$101	\$104	\$107	\$111	\$114	\$117	\$121
Optimal alternative to sluice gate issues design and implementation											
Park & Campground Building Refurbishments											
Plant Restroom Upgrade											
Powerhouse compressed air system replacement											
Radio pager replacement and upgrade											
Rafter kayaker alternate sites selection											
Rail extension over spillway 4 to access the sluice gates											
Recreation Plan											
Relicensing requirements implementation for recreation, fish & wildlife, operation						\$1,605	\$1,653	\$4,256	\$4,384	\$4,515	\$4,651
Roads Maintenance	\$42	\$43	\$44	\$45	\$47	\$48	\$50	\$51	\$53	\$54	\$56
Rock Scaling		\$107				\$120				\$135	
Security Improvements											
Security Improvements Plan											
Sedimentation Mangement											
Service water system pump's variable frequency drive (VFD) replacement											
Service Water System Refurbishment											
Spillway 1 slab (apron #1) repair											
Spillway flap gate damage repair on actuator arm alignment											
Spillway flap gate design analysis and improvements suggestions											
Spillway Gate Control System Replacement											
Spillway gate response to seismic load assessment											
Spillway Rehabilitation											
Spillway tension anchor inspection		\$29									
Staff augmentation to cover relicensing process	\$562	\$579	\$596	\$614	\$633	\$652					
Surge arresters replacement											
Tailrace stabilization & Rock Removal		\$285	\$2,643								
Temporary Office Setup											
Top deck curb and safety fence replacement											
Top Deck Storage Addition											
Trash Rack and Rake Replacement											
Trash removal system upgrade			\$294	\$2,723							
Unit 1 - 230-kV Line breaker replacement											

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
North Boat Launch & Docks Construction									\$65
Operations staff formal training	\$125	\$128	\$132	\$136	\$140	\$144	\$149	\$153	\$2,670
Optimal alternative to sluice gate issues design and implementation									\$8,797
Park & Campground Building Refurbishments									\$379
Plant Restroom Upgrade									\$34
Powerhouse compressed air system replacement									\$80
Radio pager replacement and upgrade									\$80
Rafter kayaker alternate sites selection									\$53
Rail extension over spillway 4 to access the sluice gates									\$1,777
Recreation Plan									\$75
Relicensing requirements implementation for recreation, fish & wildlife, operation	\$4,790	\$4,934	\$5,082	\$5,234	\$5,391	\$5,553			\$52,048
Roads Maintenance	\$57	\$59	\$61	\$63	\$65	\$67	\$69	\$71	\$1,430
Rock Scaling			\$152				\$172		\$865
Security Improvements									\$241
Security Improvements Plan									\$85
Sedimentation Mangement									\$200
Service water system pump's variable frequency drive (VFD) replacement									\$16
Service Water System Refurbishment									\$74
Spillway 1 slab (apron #1) repair									\$337
Spillway flap gate damage repair on actuator arm alignment									\$53
Spillway flap gate design analysis and improvements suggestions									\$15
Spillway Gate Control System Replacement									\$238
Spillway gate response to seismic load assessment									\$52
Spillway Rehabilitation									\$1,744
Spillway tension anchor inspection									\$29
Staff augmentation to cover relicensing process									\$4,182
Surge arresters replacement									\$19
Tailrace stabilization & Rock Removal									\$2,928
Temporary Office Setup									\$151
Top deck curb and safety fence replacement									\$100
Top Deck Storage Addition									\$34
Trash Rack and Rake Replacement									\$1,961
Trash removal system upgrade									\$3,017
Unit 1 - 230- kV Line breaker replacement									\$442

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Unit 1 - Generator On-Line Monitoring Upgrade							\$119				
Unit 1 excitation system replacement								\$49	\$456		
Unit 1 exciter brush dust handling system design, procurement and installation			\$43								
Unit 1 generator protective relays replacement					\$17	\$157					
Unit 1 Generator rewind											\$242
Unit 1 GSU main power transformers replacement	\$140	\$1,298									
Unit 1 Refurbishment and governor upgrade								\$49	\$456		
Unit 1 Turbine runner targeted refurbishment							\$597	\$5,534			
Unit 1 Turbine-Generator Inspection & Cleaning											\$202
Unit 2 - 230-kV Line breaker replacement										\$46	\$423
Unit 2 - Generator On-Line Monitoring Upgrade								\$123			
Unit 2 excitation system replacement										\$52	\$484
Unit 2 exciter brush dust handling system design, procurement and installation				\$45							
Unit 2 generator protective relays replacement							\$18	\$166			
Unit 2 Generator rewind											
Unit 2 GSU main power transformers replacement	\$140	\$1,298									
Unit 2 Refurbishment and governor upgrade										\$52	\$484
Unit 2 Turbine runner targeted refurbishment									\$633	\$5,871	
Unit 2 Turbine-Generator Inspection & Cleaning											
Unit 3 Feasibility Study	\$100										
Units 1&2 and Transmission control panels Component Replacement					\$113	\$116					
Wildlife Land Management	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39	
Total	\$2,078	\$5,140	\$5,295	\$6,239	\$6,550	\$6,772	\$4,592	\$7,172	\$5,562	\$7,645	\$4,671

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Unit 1 - Generator On-Line Monitoring Upgrade											
Unit 1 excitation system replacement											
Unit 1 exciter brush dust handling system design, procurement and installation											
Unit 1 generator protective relays replacement											
Unit 1 Generator rewind	\$2,242										
Unit 1 GSU main power transformers replacement											
Unit 1 Refurbishment and governor upgrade											
Unit 1 Turbine runner targeted refurbishment											
Unit 1 Turbine-Generator Inspection & Cleaning											
Unit 2 - 230-kV Line breaker replacement											
Unit 2 - Generator On-Line Monitoring Upgrade											
Unit 2 excitation system replacement											
Unit 2 exciter brush dust handling system design, procurement and installation											
Unit 2 generator protective relays replacement											
Unit 2 Generator rewind		\$257	\$2,379								
Unit 2 GSU main power transformers replacement											
Unit 2 Refurbishment and governor upgrade											
Unit 2 Turbine runner targeted refurbishment											
Unit 2 Turbine-Generator Inspection & Cleaning	\$208										
Unit 3 Feasibility Study											
Units 1&2 and Transmission control panels Component Replacement											
Wildlife Land Management											
Total	\$5,032	\$3,765	\$7,481	\$4,953	\$1,981	\$3,299	\$2,439	\$5,064	\$5,218	\$5,670	\$5,535

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Unit 1 - Generator On-Line Monitoring Upgrade									\$119
Unit 1 excitation system replacement									\$505
Unit 1 exciter brush dust handling system design, procurement and installation									\$43
Unit 1 generator protective relays replacement									\$174
Unit 1 Generator rewind									\$2,484
Unit 1 GSU main power transformers replacement									\$1,438
Unit 1 Refurbishment and governor upgrade									\$505
Unit 1 Turbine runner targeted refurbishment									\$6,131
Unit 1 Turbine-Generator Inspection & Cleaning									\$202
Unit 2 - 230-kV Line breaker replacement									\$469
Unit 2 - Generator On-Line Monitoring Upgrade									\$123
Unit 2 excitation system replacement									\$536
Unit 2 exciter brush dust handling system design, procurement and installation									\$45
Unit 2 generator protective relays replacement									\$184
Unit 2 Generator rewind									\$2,636
Unit 2 GSU main power transformers replacement									\$1,438
Unit 2 Refurbishment and governor upgrade									\$536
Unit 2 Turbine runner targeted refurbishment									\$6,504
Unit 2 Turbine-Generator Inspection & Cleaning									\$208
Unit 3 Feasibility Study									\$100
Units 1&2 and Transmission control panels Component Replacement									\$229
Wildlife Land Management									\$345
Total	\$6,274	\$5,871	\$6,200	\$7,150	\$6,415	\$6,808	\$1,260	\$1,854	\$153,985

Account Description	Detail	GL	Category	Life	Year					
					2021	2022	2023	2024	2025	
Electric Plant - Generation	5-Ton Bridge Crane	2-08-544-000	OR&R	50	\$ 500,000					
Electric Plant - Generation	Battery Bank Replacement	2-08-544-000	OR&R	10				\$ 80,000		
Electric Plant - Generation	Exciter Brush Dust Vacuum System	2-08-544-000	OR&R	25	\$ 120,000					
Electric Plant - Generation	Exciter Replacement	2-08-544-000	OR&R	40				\$ 125,000	\$ 500,000	
Electric Plant - Generation	Generator Cooling Water Refurbishment	2-08-544-000	OR&R	40				\$ 78,000		
Electric Plant - Generation	Generator Hatch Cover Seals & Drains	2-08-544-000	OR&R	N/A	\$ 120,000					
Electric Plant - Generation	Generator Protective Relay Replacement	2-08-544-000	OR&R	35				\$ 150,000		
Electric Plant - Generation	Revenue Meters	2-08-544-000	OR&R	45		\$ 24,000				
Electric Plant - Generation	South Well Pump	2-08-544-000	OR&R	25	\$ 3,000					
Fish & Wildlife	Derby Site Enhancement	2-08-537-010	OR&R	N/A	\$ 30,000	\$ 30,000				
Fish & Wildlife	Mitigation Land	2-08-537-010	OR&R	N/A	\$ 75,000					
Fish & Wildlife - ESA Requirements	Man-Made Island Canal	2-08-537-060	OR&R	N/A		\$ 50,000				
Misc Expenses	Communications (Radios, etc.)	2-08-539-000	OR&R	10	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100	\$ 6,100
Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	OR&R	5	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Misc Hydraulic Plant	Concrete Scanner	2-08-545-000	OR&R	10	\$ 25,000					
Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	OR&R	50	\$ 40,000					
Misc Hydraulic Plant	Lathe	2-08-545-000	OR&R	25	\$ 18,000					
Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	2-08-545-000	OR&R	50	\$ 45,000					
Misc Hydraulic Plant	New Facility - Construction	2-08-545-000	OR&R	50		\$ 1,800,000				
Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	OR&R	100	\$ 150,000					
Misc Hydraulic Plant	Warehouse Repairs	2-08-545-000	OR&R	50		\$ 60,000				
Recreation	Campground A Loop Restroom	2-08-545-020	OR&R	50			\$ 150,000			
Resv., Dams & Waterways	Boat Barrier Replacement	2-08-543-000	OR&R	25			\$ 120,000			
Resv., Dams & Waterways	Debris Barrier Coating & Cathodic Protection - Construction	2-08-543-000	OR&R	25		\$ 400,000				
Resv., Dams & Waterways	Diesel Generator Connection to Spillway Gates 2 & 3	2-08-543-000	OR&R	25		\$ 14,000				
Resv., Dams & Waterways	Downstream Boat Ramp	2-08-543-000	OR&R	25		\$ 250,000				
Resv., Dams & Waterways	Gantry Crane Controls and Drive Upgrade - Design	2-08-543-000	OR&R	50					\$ 150,000	
Resv., Dams & Waterways	Mobile Diesel Generator & Log Bronc Cover	2-08-543-000	OR&R	35	\$ 25,000					
Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	OR&R	25	\$ 1,000	\$ 1,000				
Resv., Dams & Waterways	Sluice Gate Construction	2-08-543-000	OR&R	50			\$ 2,600,000	\$ 5,356,000		
Resv., Dams & Waterways	Sluice Gate Design	2-08-543-000	OR&R	50		\$ 835,000				
Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	OR&R	50	\$ 330,000	\$ 511,000				
Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	OR&R	7	\$ 150,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Analysis	2-08-543-000	OR&R	50	\$ 45,000					
Resv., Dams & Waterways	Spillway 4 Rail Extention - Construction	2-08-543-000	OR&R	50			\$ 1,082,000			
Resv., Dams & Waterways	Spillway 4 Rail Extention - Design	2-08-543-000	OR&R	50		\$ 525,000				
Resv., Dams & Waterways	Spillway Gate Control	2-08-543-000	OR&R	50				\$ 200,000		
Resv., Dams & Waterways	Spillway Gate Finite Element Analysis	2-08-543-000	OR&R	50	\$ 75,000					
Resv., Dams & Waterways	Spillway Gate Hoist Covers	2-08-543-000	OR&R	50		\$ 120,000				
Resv., Dams & Waterways	Trash Rake Construction	2-08-543-000	OR&R	40			\$ 1,770,000			
Resv., Dams & Waterways	Trash Rake Design	2-08-543-000	OR&R	40		\$ 191,000				
Transportation Equipment	Mower	2-00-392-012	OR&R	10		\$ 22,000				
Transportation Equipment	RT Fork Lift	2-00-392-012	OR&R	20	\$ 70,000					
Transportation Equipment	Side By Side	2-00-392-012	OR&R	10			\$ 30,000	\$ 30,000		
Transportation Equipment	Vehicle for Gen Superintendent	2-00-392-012	OR&R	7		\$ 40,000				
Transportation Equipment	Vehicle for Resource Worker	2-00-392-012	OR&R	7			\$ 42,000			
Grand Total					\$ 1,833,300	\$ 4,884,300	\$ 5,805,500	\$ 6,030,500	\$ 661,500	

	2021	2022	2023	2024	2025
Admin & General	\$ 1,516,300	\$ 1,478,850	\$ 1,493,700	\$ 1,506,500	\$ 1,502,700
O&M	\$ 903,600	\$ 910,250	\$ 937,900	\$ 943,600	\$ 949,300
A&G Exhibit F	\$ 533,800	\$ 534,800	\$ 556,700	\$ 556,700	\$ 556,700
Auditing	\$ 20,900	\$ 21,300	\$ 21,800	\$ 22,200	\$ 22,700
Bank Fees	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Communications Fiber - User Fee	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
Consumable First Aid Supplies	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Consumable Janitorial Supplies	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300
Consumable Safety Supplies & PPE	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Cooper Compliance Audit	\$ -	\$ -	\$ -	\$ -	\$ -
Document Management Software	\$ -	\$ -	\$ -	\$ -	\$ -
Excess Liability Insurance	\$ 19,000	\$ 20,000	\$ 21,000	\$ 22,000	\$ 23,000
FERC Fixed Fees	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
Liability Insurance	\$ 10,000	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000
Licenses & Permits	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Other	\$ 3,000	\$ 3,250	\$ 3,500	\$ 3,800	\$ 4,000
Port Blakely Easement	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
Property Insurance	\$ 170,000	\$ 172,500	\$ 175,000	\$ 177,500	\$ 180,000
USGS Gauging Station Fees	\$ 40,600	\$ 41,600	\$ 42,600	\$ 43,600	\$ 44,600
WECC Fees	\$ -	\$ -	\$ -	\$ -	\$ -
Special O&M	\$ 612,700	\$ 568,600	\$ 555,800	\$ 562,900	\$ 553,400
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
American Governor Analog Gov Training	\$ -	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500
Arc Flash Training	\$ -	\$ -	\$ 3,000	\$ -	\$ -
AVO Circuit Breaker Maintenance	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
AVO Substation Maintenance I	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -
AVO Thermography I	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -
AVO Thermography II	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
CEATI Annual Meeting	\$ 2,200	\$ 2,200	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ 1,400	\$ -	\$ -	\$ -	\$ -
CEATI DSIG Meeting	\$ -	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CEATI HPLIG Meeting	\$ 1,400	\$ 1,400	\$ 1,600	\$ 1,600	\$ 1,600
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000
CF Vehicle Maintenance	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Communication Services	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Computer Services	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600	\$ 5,600
Computer Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Confined Space Training	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Dam Safety Consultant	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000
Engineering Consultants	\$ 65,000	\$ 65,000	\$ 75,000	\$ 75,000	\$ 75,000
EPTC Switching & Grounding	\$ -	\$ 7,000	\$ 7,000	\$ -	\$ -
EPTC Elect. Fundamentals	\$ 7,000	\$ 7,000	\$ -	\$ -	\$ -
EPTC Power Plant Operation	\$ -	\$ -	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection	\$ -	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Fall Protection Training	\$ -	\$ 8,000	\$ -	\$ -	\$ -
Fire Districts	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000
HydroVision	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Labor Consultant	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Legal Services (BiOp & FERC Issues)	\$ 24,200	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000
Legal Services (General Issues)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Long Range Plan Analysis	\$ 50,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000
Misc	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
NW Hydro Forum	\$ 400	\$ 400	\$ 500	\$ 500	\$ 500
NWHA Annual Meeting	\$ 500	\$ 500	\$ 600	\$ 600	\$ 600
NWHA Workshop	\$ 600	\$ 500	\$ 500	\$ 500	\$ 500
NWPPA Admin Asst. Training	\$ 2,400	\$ 2,400	\$ 2,400	\$ -	\$ -
NWPPA Leadership Training	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
Office Supplies	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
Operator Training Development	\$ 45,000	\$ -	\$ -	\$ -	\$ 7/15/2020

	2021	2022	2023	2024	2025
Pesticide Application Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
Project Analysis	\$ 130,000	\$ 140,000	\$ 140,000	\$ 150,000	\$ 150,000
Records Management	\$ -	\$ -	\$ -	\$ -	\$ -
Records Training	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Rope Access Training	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
TPC Elect. Workshop	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ -
TPC Frequency Drives Workshop	\$ 6,000	\$ -	\$ -	\$ -	\$ -
Water / Wastewater Training	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
WECC & NERC Consultants	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000	\$ 58,000
WPUDA Admin Roundtable	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600
WPUDA Records Roundtable	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300
Operating Expenses	\$ 4,395,200	\$ 7,099,500	\$ 7,164,300	\$ 7,072,600	\$ 2,168,800
O&M	\$ 2,561,900	\$ 2,215,200	\$ 1,358,800	\$ 1,042,100	\$ 1,507,300
1D Sediment Transport Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -
2022 BiOp Studies	\$ -	\$ 100,000	\$ -	\$ -	\$ -
230 kV Circuit Breaker Maintenance	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Advertising	\$ 7,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Alternate Take-Out Site 1	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
Alternate Take-Out Site 2	\$ -	\$ 30,000	\$ 80,000	\$ -	\$ -
AVR Testing	\$ 60,000	\$ -	\$ -	\$ -	\$ -
Bridge Inspection & Analysis	\$ -	\$ -	\$ 106,000	\$ -	\$ -
Buffer Zone Management	\$ 2,000	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Campground Electrical Replacement -Design	\$ -	\$ -	\$ -	\$ -	\$ 64,000
Campground Fishing Pond Assessment & Design	\$ -	\$ 85,000	\$ -	\$ -	\$ -
Campground Hosts	\$ 115,400	\$ 120,000	\$ 125,000	\$ 125,000	\$ 125,000
Campground Internet	\$ 3,000	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400
Campground Paving	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
Campground Reservation Software	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400
Campground Telephone	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500
CEATI Membership	\$ 36,000	\$ 36,000	\$ 42,000	\$ 42,000	\$ 42,000
CEATI Projects	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
CF Project Telephones	\$ 7,000	\$ 7,000	\$ 7,300	\$ 7,300	\$ 7,300
CFP Cell Phones	\$ 1,600	\$ 1,600	\$ 2,000	\$ 2,000	\$ 2,000
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Contract Crane Inspections	\$ 12,600	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000
Contract Diesel Generator Maintenance	\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000
Contract Maintenance Elevator	\$ 15,000	\$ 15,200	\$ 15,200	\$ 15,200	\$ 15,200
Contract Operators	\$ 250,000	\$ -	\$ -	\$ -	\$ -
Contract Septic and Water Services	\$ 25,000	\$ 27,000	\$ -	\$ -	\$ -
Contract Services (Backhoe, Gravel)	\$ 7,000	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700
Contract Services (Sweeping)	\$ -	\$ -	\$ -	\$ -	\$ -
Convert Engineering Drawings to AutoCAD	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Cooling Water Valves	\$ 8,000	\$ -	\$ -	\$ -	\$ -
Copper Creek Take Out Site Parking	\$ 75,000	\$ 225,000	\$ -	\$ -	\$ -
Creel Study	\$ 18,000	\$ -	\$ -	\$ -	\$ 20,000
Dam Instrumentation	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Debris Barrier Coating & Cathodic Protection - Design	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Corrosion Inhibitor	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Debris Barrier Parts	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Debris Removal	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Diving Services	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	\$ 14,500
D-Loop Electrical Design & Feed Replacements	\$ 30,000	\$ -	\$ -	\$ -	\$ -
Drainage Pump	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Drainage Sump Study	\$ -	\$ 35,000	\$ -	\$ -	\$ -
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Electric Utilities	\$ 6,200	\$ 6,400	\$ 6,600	\$ 6,800	\$ 7,000
Electric Utilities - Secondary Power Feed	\$ 11,200	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400

	2021	2022	2023	2024	2025
Electrical Contractors	\$ 45,000	\$ 80,000	\$ -	\$ -	\$ -
Electrical Parts	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Equipment Rental	\$ 22,000	\$ 22,000	\$ 24,000	\$ 24,000	\$ 24,000
Fall Protection Equipment	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
FERC Dam Movement Survey	\$ 8,400	\$ 8,400	\$ 8,800	\$ 8,800	\$ 8,800
FERC Part 12	\$ -	\$ -	\$ -	\$ 125,000	\$ -
FERC Part 12 Recommendations	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Fiber Extension Fee to USGS Randle Gage	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Fiber to Campground Extension Fee	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
FR Clothing	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Garbage Service	\$ 8,500	\$ 8,800	\$ 8,800	\$ 9,100	\$ 9,100
Generator Parameter Validation Testing	\$ 160,000	\$ -	\$ -	\$ -	\$ -
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Governor 3D CAM	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Ground Maintenance	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400
GSU Transformer Maintenance	\$ -	\$ 45,000	\$ -	\$ -	\$ -
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 8,700	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300
HVAC	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500
HVAC Replacement Office Area	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Inspections	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Instrumentation Parts	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Kid's Trout Derby	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Line Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Log Bronc Maintenance	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Maintenance Management System	\$ -	\$ -	\$ 200,000	\$ 30,000	\$ 30,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Manuals, Major Tools, Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Materials	\$ -	\$ -	\$ -	\$ -	\$ -
Mechanical & Piping	\$ 10,600	\$ 10,600	\$ 11,000	\$ 11,000	\$ 11,000
Mechanical Contractors	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Mechanical Parts	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Metal	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Mitigation Trout Program	\$ 43,000	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000
NHA Membership	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000
North Rock Wall Scaling	\$ -	\$ 75,000	\$ -	\$ -	\$ -
Noxious Weed Control	\$ 5,000	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000
Noxious Weed Control Contractor	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500
NWHA Membership	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Open/Close Packwood Gate	\$ 2,600	\$ 2,800	\$ 2,800	\$ 2,800	\$ 2,800
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200
Operator Remote SCADA Communications	\$ 8,000	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Park Equipment Repairs	\$ 3,200	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Portable Restrooms	\$ 2,200	\$ 2,300	\$ 2,300	\$ 2,400	\$ 2,400
Potable Water and Septic System Testing	\$ 2,000	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200
Protective Relay Testing	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Radio / Pager System Improvements	\$ 25,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Re-coat Slot Covers	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Recreation Assessment	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Rentals	\$ -	\$ -	\$ -	\$ -	\$ -
Repairs & Supplies	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000
Replace Sluice Gate Bulkhead Seals	\$ -	\$ 2,500	\$ -	\$ -	\$ -
Roadway Gates	\$ -	\$ 3,000	\$ -	\$ -	\$ 3,000
Rope Access Gear	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000

	2021	2022	2023	2024	2025
Safety Improvements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
SCADA Support	\$ 50,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
Security Assessment	\$ 85,000	\$ -	\$ -	\$ -	\$ -
Security Improvements	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Security/Plant Locks	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Sedimentation Report	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Sedimentation Survey	\$ 5,200	\$ 5,200	\$ 5,800	\$ 5,000	\$ 5,000
Seismic Study	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -
Service Water VFD & Controls Replacement	\$ -	\$ 16,000	\$ -	\$ -	\$ -
Sewer & Water System Maintenance	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400
Shelving & Furniture	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Sign Replacements	\$ 2,200	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,500
Small Tools	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Structure Maintenance; Concrete, Fencing	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,000
Surveying	\$ -	\$ -	\$ -	\$ -	\$ -
Tailrace Repairs & Improvements - Design	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Temporary Offices	\$ 200,000	\$ 60,000	\$ -	\$ -	\$ -
Third Party Services	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
Transformer Oil Processing & Testing	\$ 30,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Transmission Line Corridor Planting	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -
Trunnion Friction Testing	\$ -	\$ 65,000	\$ -	\$ -	\$ -
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Turbine Maintenance Seals	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Turbine Shaft Seals	\$ -	\$ 30,000	\$ -	\$ -	\$ -
Welding/Machinery Services	\$ -	\$ -	\$ -	\$ -	\$ -
OR&R	\$ 1,833,300	\$ 4,884,300	\$ 5,805,500	\$ 6,030,500	\$ 661,500
5-Ton Bridge Crane	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Battery Bank Replacement	\$ -	\$ -	\$ -	\$ 80,000	\$ -
Boat Barrier Replacement	\$ -	\$ -	\$ 120,000	\$ -	\$ -
Campground A Loop Restroom	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Communications (Radios, etc.)	\$ 5,900	\$ 5,900	\$ 6,100	\$ 6,100	\$ 6,100
Concrete Scanner	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Control Room / Office Area Repairs	\$ 40,000	\$ -	\$ -	\$ -	\$ -
Debris Barrier Coating & Cathodic Protection - Constr	\$ -	\$ 400,000	\$ -	\$ -	\$ -
Derby Site Enhancement	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -
Diesel Generator Connection to Spillway Gates 2 & 3	\$ -	\$ 14,000	\$ -	\$ -	\$ -
Downstream Boat Ramp	\$ -	\$ 250,000	\$ -	\$ -	\$ -
Exciter Brush Dust Vacuum System	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Exciter Replacement	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000
Gantry Crane Controls and Drive Upgrade - Design	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Generator Cooling Water Refurbishment	\$ -	\$ -	\$ -	\$ 78,000	\$ -
Generator Hatch Cover Seals & Drains	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Generator Protective Relay Replacement	\$ -	\$ -	\$ -	\$ 150,000	\$ -
Lathe	\$ 18,000	\$ -	\$ -	\$ -	\$ -
Man-Made Island Canal	\$ -	\$ 50,000	\$ -	\$ -	\$ -
Mitigation Land	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Mower	\$ -	\$ 22,000	\$ -	\$ -	\$ -
New Facility - Analysis/Design/Site Testing	\$ 45,000	\$ -	\$ -	\$ -	\$ -
New Facility - Construction	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -
Revenue Meters	\$ -	\$ 24,000	\$ -	\$ -	\$ -
RT Fork Lift	\$ 70,000	\$ -	\$ -	\$ -	\$ -
Server/Cameras/Office Machines/Computers	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Service Air Compressor	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -
Side By Side	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -

7/15/2020

	2021	2022	2023	2024	2025
Sluice Gate Construction	\$ -	\$ -	\$ 2,600,000	\$ 5,356,000	\$ -
Sluice Gate Design	\$ -	\$ 835,000	\$ -	\$ -	\$ -
Sluice Gate Replacement - CFD & Physical Model Des	\$ 330,000	\$ 511,000	\$ -	\$ -	\$ -
Sonar & Turbidity Sensors	\$ 150,000	\$ -	\$ -	\$ -	\$ -
South Well Pump	\$ 3,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extention - Analysis	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Spillway 4 Rail Extention - Construction	\$ -	\$ -	\$ 1,082,000	\$ -	\$ -
Spillway 4 Rail Extention - Design	\$ -	\$ 525,000	\$ -	\$ -	\$ -
Spillway Gate Control	\$ -	\$ -	\$ -	\$ 200,000	\$ -
Spillway Gate Finite Element Analysis	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Spillway Gate Hoist Covers	\$ -	\$ 120,000	\$ -	\$ -	\$ -
Spillway Handrail & Guardrail	\$ 150,000	\$ -	\$ -	\$ -	\$ -
Trash Rake Construction	\$ -	\$ -	\$ 1,770,000	\$ -	\$ -
Trash Rake Design	\$ -	\$ 191,000	\$ -	\$ -	\$ -
Vehicle for Gen Superintendent	\$ -	\$ 40,000	\$ -	\$ -	\$ -
Vehicle for Resource Worker	\$ -	\$ -	\$ 42,000	\$ -	\$ -
Warehouse Repairs	\$ -	\$ 60,000	\$ -	\$ -	\$ -
Labor	\$ 3,617,928	\$ 3,974,700	\$ 4,108,900	\$ 4,240,100	\$ 4,365,800
Special O&M	\$ 3,617,928	\$ 3,974,700	\$ 4,108,900	\$ 4,240,100	\$ 4,365,800
Employee Medical Insurance	\$ 437,670	\$ 572,200	\$ 583,600	\$ 601,100	\$ 619,100
Employer PERS	\$ 157,058	\$ 244,200	\$ 253,100	\$ 269,700	\$ 277,700
ES SUPPORT OVERHEAD	\$ 477,600	\$ 339,500	\$ 349,400	\$ 359,900	\$ 370,700
ES SUPPORT WAGES	\$ 683,800	\$ 484,300	\$ 499,000	\$ 514,000	\$ 529,400
Flu Shot Clinics	\$ 400	\$ 400	\$ 400	\$ 400	\$ 400
L&I - Employer	\$ 21,100	\$ 28,100	\$ 30,800	\$ 31,700	\$ 32,700
Long Term Disability	\$ 3,800	\$ 5,000	\$ 5,400	\$ 5,600	\$ 5,700
Misc Pension & Benefits, CDL, medical exam, etc	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
OT Benefits	\$ 8,200	\$ 8,900	\$ 9,600	\$ 9,900	\$ 10,200
OT Taxes	\$ 4,000	\$ 4,100	\$ 4,300	\$ 4,500	\$ 4,600
OT Wages	\$ 51,900	\$ 53,400	\$ 55,000	\$ 56,700	\$ 58,400
Paid Family Leave Benefit	\$ 2,500	\$ 3,500	\$ 4,100	\$ 4,200	\$ 4,400
PCORI ACA Requirement	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
PL Cash Out	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Short Term Disability Benefit	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,200
SOCIAL SECURITY MEDICARE	\$ 118,700	\$ 151,000	\$ 156,800	\$ 161,500	\$ 166,300
Standby Pay	\$ 37,100	\$ 38,300	\$ 39,500	\$ 40,700	\$ 42,000
Term Ins Benefit	\$ 1,400	\$ 2,000	\$ 2,100	\$ 2,200	\$ 2,200
VEBA Benefit	\$ 14,600	\$ 18,800	\$ 19,600	\$ 20,200	\$ 20,800
VEBA Cash Out	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
WAGES	\$ 1,551,000	\$ 1,973,900	\$ 2,049,100	\$ 2,110,600	\$ 2,173,900
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
O&M	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900
Project Reimbursement / Revenue	\$ (10,013,500)	\$ (12,239,350)	\$ (12,949,600)	\$ (12,994,200)	\$ (8,213,400)
REV	\$ (10,013,500)	\$ (12,239,350)	\$ (12,949,600)	\$ (12,994,200)	\$ (8,213,400)
BPA Project Reimbursement	\$ (9,934,500)	\$ (12,155,350)	\$ (12,860,600)	\$ (12,900,200)	\$ (8,114,400)
BPA Project Reimbursement (2019 Carry Over)	\$ -	\$ -	\$ -	\$ -	\$ -
Campground Revenue	\$ (75,000)	\$ (80,000)	\$ (85,000)	\$ (90,000)	\$ (95,000)
Interest Income	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)	\$ (4,000)
Tacoma Fish Collector Reimbursement	\$ -	\$ -	\$ -	\$ -	\$ -
Wheeling	\$ -	\$ -	\$ -	\$ -	\$ -
REV	\$ (723,000)	\$ (744,700)	\$ (767,000)	\$ (723,000)	\$ (790,000)
Transmission Wheeling - Rev Entry	\$ (723,000)	\$ (744,700)	\$ (767,000)	\$ (723,000)	\$ (790,000)
Wheeling	\$ 723,000	\$ 744,700	\$ 767,000	\$ 723,000	\$ 790,000
Total Revenue	\$ (418,972)	\$ 378,800	\$ (117,600)	\$ (109,900)	\$ (111,000)

7/15/2020

Case 2 Annual Spend Report (Prioritized Increased Budget and 2 PMs)

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Assessment and Upgrades for refurbishment of gantry crane											
Battery bank replacement		\$52									
Boat barrier replacement	\$100										
Bridge Inspection and Analysis			\$106								
Campground Electrical Design for future Upgrade			\$64								
Campground Electrical Upgrade						\$35	\$322				
Campground Restroom Construction									\$190		
Campground Shelter construction		\$41									
Campground Storage Building Construction							\$179				
CHAP Wildlife Evaluation									\$443		
Coating and cathodic protection upgrades completion phase	\$400										
Concrete dam deck and exterior repair			\$16	\$148							
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations			\$212	\$219	\$225	\$232	\$239	\$246	\$253	\$261	\$269
Cooling water Backwash controls upgrade					\$23						
Dam joint movement study			\$106								
Day Use Park Improvements											
Day Use Park Well Addition							\$48				
Deck bridge beams coating							\$597				
Deck steel structures painting											
Dewatering Pump System Replacement											
Downstream Boat Ramp Construction					\$28	\$261					
Downstream Fishing Area Improvements					\$45						
Draft Tube Gate & Hoist Rehabilitation				\$273							
Drainage Pump System Refurbishment			\$127								
Drainage Sump Oil Skimmer Addition			\$32								
Drawings to CAD								\$55	\$57	\$59	\$60
Elevator Upgrade					\$281						
Emergency diesel generator replacement			\$53								
Erosion left abutment (end) repair						\$29	\$269				
ESA Requirements/Bi-Op Studies			\$159	\$164	\$169	\$174	\$179	\$184	\$190	\$196	\$202

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Assessment and Upgrades for refurbishment of gantry crane	\$104	\$962									
Battery bank replacement											
Boat barrier replacement											
Bridge Inspection and Analysis											
Campground Electrical Design for future Upgrade											
Campground Electrical Upgrade											
Campground Restroom Construction											
Campground Shelter construction											
Campground Storage Building Construction											
CHAP Wildlife Evaluation											
Coating and cathodic protection upgrades completion phase											
Concrete dam deck and exterior repair											
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations	\$277	\$285	\$294	\$303	\$312	\$321	\$331	\$340	\$351	\$361	\$372
Cooling water Backwash controls upgrade											
Dam joint movement study											
Day Use Park Improvements											
Day Use Park Well Addition											
Deck bridge beams coating											
Deck steel structures painting	\$415										
Dewatering Pump System Replacement											
Downstream Boat Ramp Construction											
Downstream Fishing Area Improvements											
Draft Tube Gate & Hoist Rehabilitation											
Drainage Pump System Refurbishment											
Drainage Sump Oil Skimmer Addition											
Drawings to CAD	\$62	\$64	\$44	\$45	\$47	\$48	\$50	\$51	\$53	\$54	\$56
Elevator Upgrade											
Emergency diesel generator replacement											
Erosion left abutment (end) repair											
ESA Requirements/Bi-Op Studies	\$208	\$214	\$220	\$227	\$234	\$241	\$248	\$255	\$263	\$271	\$279

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Assessment and Upgrades for refurbishment of gantry crane									\$1,066
Battery bank replacement									\$52
Boat barrier replacement									\$100
Bridge Inspection and Analysis									\$106
Campground Electrical Design for future Upgrade									\$64
Campground Electrical Upgrade									\$357
Campground Restroom Construction									\$190
Campground Shelter construction									\$41
Campground Storage Building Construction									\$179
CHAP Wildlife Evaluation				\$733					\$1,176
Coating and cathodic protection upgrades completion phase									\$400
Concrete dam deck and exterior repair									\$164
Condition-based Operations and Maintenance planning program implementation. Operations and Maintenance system implementation that links with OEM recommendations	\$383	\$395	\$407	\$419	\$431	\$444	\$458	\$471	\$9,111
Cooling water Backwash controls upgrade									\$23
Dam joint movement study									\$106
Day Use Park Improvements								\$28	\$28
Day Use Park Well Addition									\$48
Deck bridge beams coating									\$597
Deck steel structures painting									\$415
Dewatering Pump System Replacement						\$200			\$200
Downstream Boat Ramp Construction									\$289
Downstream Fishing Area Improvements									\$45
Draft Tube Gate & Hoist Rehabilitation									\$273
Drainage Pump System Refurbishment									\$127
Drainage Sump Oil Skimmer Addition									\$32
Drawings to CAD	\$57	\$59	\$61	\$63	\$65	\$67	\$69	\$71	\$1,317
Elevator Upgrade									\$281
Emergency diesel generator replacement									\$53
Erosion left abutment (end) repair									\$298
ESA Requirements/Bi-Op Studies	\$287	\$296	\$305	\$314	\$323	\$333	\$343	\$353	\$6,831

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Evaluation of alternatives for paging system modification or replacement		\$52									
Execution of recommended switchyard maintenance					\$11						
FERC Campground improvements	\$20	\$185									
FERC Part 12 Inspections				\$437	\$450		\$478		\$507		\$538
FERC Part 12 Mandated Seismic Analyses	\$100	\$103									
Fiber Optic Network Expansion							\$155	\$160	\$165	\$170	\$175
Fire Detection System Upgrade	\$4	\$37									
Fire Water System Refurbishment		\$82									
Future FERC mandated spillway gate inspections								\$123			
Generator cooling water system refurbishment				\$55							
Generator frame and lower bracket anchor bolt and grout testing and replacement				\$55							
Generator hatch cover seals replacement	\$100										
Generator Rotor Refurbishment							\$373				
Generator Testing & AVR Calibration	\$90					\$104					\$121
Glenoma Substation 230- kV Equipment Refurbishment/Replacement		\$258	\$2,387								
Governor assessment							\$24				
Governor investigation to determine cause of bubbles in the oil				\$11							
Gravel Project Roads Construction				\$109							
GSU #1 protective relays replacement					\$17	\$157					
GSU #2 protective relays replacement							\$18	\$166			
HVAC Replacement Phase 1								\$9	\$86		
HVAC Replacement Phase 2							\$38				
Intake Debris Management		\$309							\$380		
Intake Gate Slot Covers Recoating							\$96				
License submittal (relicensing) preparation									\$752	\$775	\$798
Line protective relays replacement	\$15	\$139									
Main station service switchgear circuit breakers replacement	\$50	\$464									
Mobile Crane Replacement					\$84						
Need of flashboards of emergency spillway assessment					\$28						
New bridge cranes over Unit 1 and Unit 2 Installation							\$478				
New Fire Alarm horns (annunciator)		\$26	\$239								
New intake headgate slot cover redesign, supply, and installation					\$56	\$58					
New Office/Warehouse/Shop Construction				\$197	\$1,823						
New water supply wells construction				\$55							

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Evaluation of alternatives for paging system modification or replacement											
Execution of recommended switchyard maintenance											
FERC Campground improvements											
FERC Part 12 Inspections											
FERC Part 12 Mandated Seismic Analyses											
Fiber Optic Network Expansion											
Fire Detection System Upgrade											
Fire Water System Refurbishment											
Future FERC mandated spillway gate inspections						\$160					
Generator cooling water system refurbishment											
Generator frame and lower bracket anchor bolt and grout testing and replacement											
Generator hatch cover seals replacement											
Generator Rotor Refurbishment											
Generator Testing & AVR Calibration					\$140					\$163	
Glenoma Substation 230-kV Equipment Refurbishment/Replacement											
Governor assessment											
Governor investigation to determine cause of bubbles in the oil											
Gravel Project Roads Construction											
GSU #1 protective relays replacement											
GSU #2 protective relays replacement											
HVAC Replacement Phase 1											
HVAC Replacement Phase 2											
Intake Debris Management					\$467						
Intake Gate Slot Covers Recoating											
License submittal (relicensing) preparation	\$822	\$847	\$872	\$898							
Line protective relays replacement											
Main station service switchgear circuit breakers replacement											
Mobile Crane Replacement											
Need of flashboards of emergency spillway assessment											
New bridge cranes over Unit 1 and Unit 2 Installation											
New Fire Alarm horns (annunciator)											
New intake headgate slot cover redesign, supply, and installation											
New Office/Warehouse/Shop Construction											
New water supply wells construction											

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Evaluation of alternatives for paging system modification or replacement									\$52
Execution of recommended switchyard maintenance									\$11
FERC Campground improvements									\$205
FERC Part 12 Inspections									\$2,410
FERC Part 12 Mandated Seismic Analyses									\$203
Fiber Optic Network Expansion									\$825
Fire Detection System Upgrade									\$41
Fire Water System Refurbishment									\$82
Future FERC mandated spillway gate inspections									\$283
Generator cooling water system refurbishment									\$55
Generator frame and lower bracket anchor bolt and grout testing and replacement									\$55
Generator hatch cover seals replacement									\$100
Generator Rotor Refurbishment									\$373
Generator Testing & AVR Calibration				\$188					\$806
Glenoma Substation 230- kV Equipment Refurbishment/Replacement									\$2,645
Governor assessment									\$24
Governor investigation to determine cause of bubbles in the oil									\$11
Gravel Project Roads Construction									\$109
GSU #1 protective relays replacement									\$174
GSU #2 protective relays replacement									\$184
HVAC Replacement Phase 1									\$95
HVAC Replacement Phase 2									\$38
Intake Debris Management	\$575							\$707	\$2,438
Intake Gate Slot Covers Recoating									\$96
License submittal (relicensing) preparation									\$5,764
Line protective relays replacement									\$154
Main station service switchgear circuit breakers replacement									\$514
Mobile Crane Replacement									\$84
Need of flashboards of emergency spillway assessment									\$28
New bridge cranes over Unit 1 and Unit 2 Installation									\$478
New Fire Alarm horns (annunciator)									\$265
New intake headgate slot cover redesign, supply, and installation									\$114
New Office/Warehouse/Shop Construction									\$2,020
New water supply wells construction									\$55

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
North Boat Launch & Docks Construction			\$6	\$59							
Operations staff formal training							\$78	\$80	\$82	\$85	\$87
Optimal alternative to sluice gate issues design and implementation				\$841	\$2,600	\$5,356					
Park & Campground Building Refurbishments								\$37	\$342		
Plant Restroom Upgrade					\$34						
Powerhouse compressed air system replacement			\$80								
Radio pager replacement and upgrade	\$80										
Rafter kayaker alternate sites selection		\$15		\$38							
Rail extension over spillway 4 to access the sluice gates	\$170	\$525	\$1,082								
Recreation Plan	\$75										
Relicensing requirements implementation for recreation, fish & wildlife, operation											
Roads Maintenance	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39	\$40
Rock Scaling					\$84				\$95		
Security Improvements		\$77	\$53	\$55	\$56						
Security Improvements Plan	\$85										
Sedimentation Mangement	\$200										
Service water system pump's variable frequency drive (VFD) replacement				\$16							
Service Water System Refurbishment								\$74			
Spillway 1 slab (apron #1) repair				\$33	\$304						
Spillway flap gate damage repair on actuator arm alignment			\$53								
Spillway flap gate design analysis and improvements suggestions		\$15									
Spillway Gate Control System Replacement						\$23	\$215				
Spillway gate response to seismic load assessment		\$52									
Spillway Rehabilitation			\$170	\$1,574							
Spillway tension anchor inspection											
Staff augmentation to cover relicensing process											\$546
Surge arresters replacement				\$19							
Tailrace stabilization & Rock Removal											
Temporary Office Setup	\$49	\$50	\$52								
Top deck curb and safety fence replacement	\$100										
Top Deck Storage Addition					\$34						
Trash Rack and Rake Replacement			\$191	\$1,770							
Trash removal system upgrade											
Unit 1 - 230 kV Line breaker replacement								\$43	\$399		

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
North Boat Launch & Docks Construction											
Operations staff formal training	\$90	\$93	\$95	\$98	\$101	\$104	\$107	\$111	\$114	\$117	\$121
Optimal alternative to sluice gate issues design and implementation											
Park & Campground Building Refurbishments											
Plant Restroom Upgrade											
Powerhouse compressed air system replacement											
Radio pager replacement and upgrade											
Rafter kayaker alternate sites selection											
Rail extension over spillway 4 to access the sluice gates											
Recreation Plan											
Relicensing requirements implementation for recreation, fish & wildlife, operation						\$1,605	\$1,653	\$4,256	\$4,384	\$4,515	\$4,651
Roads Maintenance	\$42	\$43	\$44	\$45	\$47	\$48	\$50	\$51	\$53	\$54	\$56
Rock Scaling		\$107				\$120				\$135	
Security Improvements											
Security Improvements Plan											
Sedimentation Mangement											
Service water system pump's variable frequency drive (VFD) replacement											
Service Water System Refurbishment											
Spillway 1 slab (apron #1) repair											
Spillway flap gate damage repair on actuator arm alignment											
Spillway flap gate design analysis and improvements suggestions											
Spillway Gate Control System Replacement											
Spillway gate response to seismic load assessment											
Spillway Rehabilitation											
Spillway tension anchor inspection		\$29									
Staff augmentation to cover relicensing process	\$562	\$579	\$596	\$614	\$633	\$652					
Surge arresters replacement											
Tailrace stabilization & Rock Removal		\$285	\$2,643								
Temporary Office Setup											
Top deck curb and safety fence replacement											
Top Deck Storage Addition											
Trash Rack and Rake Replacement											
Trash removal system upgrade			\$294	\$2,723							
Unit 1 - 230 kV Line breaker replacement											

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
North Boat Launch & Docks Construction									\$65
Operations staff formal training	\$125	\$128	\$132	\$136	\$140	\$144	\$149	\$153	\$2,670
Optimal alternative to sluice gate issues design and implementation									\$8,797
Park & Campground Building Refurbishments									\$379
Plant Restroom Upgrade									\$34
Powerhouse compressed air system replacement									\$80
Radio pager replacement and upgrade									\$80
Rafter kayaker alternate sites selection									\$53
Rail extension over spillway 4 to access the sluice gates									\$1,777
Recreation Plan									\$75
Relicensing requirements implementation for recreation, fish & wildlife, operation	\$4,790	\$4,934	\$5,082	\$5,234	\$5,391	\$5,553			\$52,048
Roads Maintenance	\$57	\$59	\$61	\$63	\$65	\$67	\$69	\$71	\$1,430
Rock Scaling			\$152				\$172		\$865
Security Improvements									\$241
Security Improvements Plan									\$85
Sedimentation Mangement									\$200
Service water system pump's variable frequency drive (VFD) replacement									\$16
Service Water System Refurbishment									\$74
Spillway 1 slab (apron #1) repair									\$337
Spillway flap gate damage repair on actuator arm alignment									\$53
Spillway flap gate design analysis and improvements suggestions									\$15
Spillway Gate Control System Replacement									\$238
Spillway gate response to seismic load assessment									\$52
Spillway Rehabilitation									\$1,744
Spillway tension anchor inspection									\$29
Staff augmentation to cover relicensing process									\$4,182
Surge arresters replacement									\$19
Tailrace stabilization & Rock Removal									\$2,928
Temporary Office Setup									\$151
Top deck curb and safety fence replacement									\$100
Top Deck Storage Addition									\$34
Trash Rack and Rake Replacement									\$1,961
Trash removal system upgrade									\$3,017
Unit 1 - 230 kV Line breaker replacement									\$442

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Unit 1 - Generator On-Line Monitoring Upgrade							\$119				
Unit 1 excitation system replacement								\$49	\$456		
Unit 1 exciter brush dust handling system design, procurement and installation			\$43								
Unit 1 generator protective relays replacement					\$17	\$157					
Unit 1 Generator rewind											\$242
Unit 1 GSU main power transformers replacement	\$140	\$1,298									
Unit 1 Refurbishment and governor upgrade								\$49	\$456		
Unit 1 Turbine runner targeted refurbishment							\$597	\$5,534			
Unit 1 Turbine-Generator Inspection & Cleaning											\$202
Unit 2 - 230-kV Line breaker replacement										\$46	\$423
Unit 2 - Generator On-Line Monitoring Upgrade								\$123			
Unit 2 excitation system replacement										\$52	\$484
Unit 2 exciter brush dust handling system design, procurement and installation				\$45							
Unit 2 generator protective relays replacement							\$18	\$166			
Unit 2 Generator rewind											
Unit 2 GSU main power transformers replacement	\$140	\$1,298									
Unit 2 Refurbishment and governor upgrade										\$52	\$484
Unit 2 Turbine runner targeted refurbishment									\$633	\$5,871	
Unit 2 Turbine-Generator Inspection & Cleaning											
Unit 3 Feasibility Study	\$100										
Units 1&2 and Transmission control panels Component Replacement					\$113	\$116					
Wildlife Land Management	\$30	\$31	\$32	\$33	\$34	\$35	\$36	\$37	\$38	\$39	
Total	\$2,078	\$5,140	\$5,295	\$6,239	\$6,550	\$6,772	\$4,592	\$7,172	\$5,562	\$7,645	\$4,671

Project	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Unit 1 - Generator On-Line Monitoring Upgrade											
Unit 1 excitation system replacement											
Unit 1 exciter brush dust handling system design, procurement and installation											
Unit 1 generator protective relays replacement											
Unit 1 Generator rewind	\$2,242										
Unit 1 GSU main power transformers replacement											
Unit 1 Refurbishment and governor upgrade											
Unit 1 Turbine runner targeted refurbishment											
Unit 1 Turbine-Generator Inspection & Cleaning											
Unit 2 - 230-kV Line breaker replacement											
Unit 2 - Generator On-Line Monitoring Upgrade											
Unit 2 excitation system replacement											
Unit 2 exciter brush dust handling system design, procurement and installation											
Unit 2 generator protective relays replacement											
Unit 2 Generator rewind		\$257	\$2,379								
Unit 2 GSU main power transformers replacement											
Unit 2 Refurbishment and governor upgrade											
Unit 2 Turbine runner targeted refurbishment											
Unit 2 Turbine-Generator Inspection & Cleaning	\$208										
Unit 3 Feasibility Study											
Units 1&2 and Transmission control panels Component Replacement											
Wildlife Land Management											
Total	\$5,032	\$3,765	\$7,481	\$4,953	\$1,981	\$3,299	\$2,439	\$5,064	\$5,218	\$5,670	\$5,535

Project	2043	2044	2045	2046	2047	2048	2049	2050	Total
Unit 1 - Generator On-Line Monitoring Upgrade									\$119
Unit 1 excitation system replacement									\$505
Unit 1 exciter brush dust handling system design, procurement and installation									\$43
Unit 1 generator protective relays replacement									\$174
Unit 1 Generator rewind									\$2,484
Unit 1 GSU main power transformers replacement									\$1,438
Unit 1 Refurbishment and governor upgrade									\$505
Unit 1 Turbine runner targeted refurbishment									\$6,131
Unit 1 Turbine-Generator Inspection & Cleaning									\$202
Unit 2 - 230-kV Line breaker replacement									\$469
Unit 2 - Generator On-Line Monitoring Upgrade									\$123
Unit 2 excitation system replacement									\$536
Unit 2 exciter brush dust handling system design, procurement and installation									\$45
Unit 2 generator protective relays replacement									\$184
Unit 2 Generator rewind									\$2,636
Unit 2 GSU main power transformers replacement									\$1,438
Unit 2 Refurbishment and governor upgrade									\$536
Unit 2 Turbine runner targeted refurbishment									\$6,504
Unit 2 Turbine-Generator Inspection & Cleaning									\$208
Unit 3 Feasibility Study									\$100
Units 1&2 and Transmission control panels Component Replacement									\$229
Wildlife Land Management									\$345
Total	\$6,274	\$5,871	\$6,200	\$7,150	\$6,415	\$6,808	\$1,260	\$1,854	\$153,985

Cowditz Falls Project Justification Sheet

Instructions:
 The information below is to assist when filling out budget project justification sheets. For budget line items \$100K and greater, please fill out the entire justification sheet and provide at least one considered alternative to the proposed work in addition to the recommended alternative. For budget line items between \$50-\$100K, please fill out the information blocks containing a red asterisk (*) in instructions below. If you have any questions or concerns, please do not hesitate to contact your BPA representative.

Project Title*	
Project Phase (if applicable):*	
General Ledger (GL):*	
Date*	
Category*	
Timing*	
Budget Year*	
Identify Need*	
Requirements*	
Associated Assets	
HydroAMP Score	
Other projects associated? *	
Summary of any Technical Evaluations Completed*	
CFP Long Range Plan*	
Constraints in Addressing the Problem or Limiting Factors.*	
Current Active Mitigations to Address Issue *	
Alternatives #1-3*	
Alternative Approach (Scope)*	
Outage Required	
Contracted Out?	
Alternative Schedule (Select Line Item Work Type or Project Phase: drop-down list) *	
Line Item Work Schedule (Material Only)	Procurement Schedule
	Installation Schedule
Project Phase Work Schedule	Study Schedule
	Design Schedule
	Construction Schedule

Cowditz Falls Project Justification Sheet

Alternative Cost Estimate (Select Line Item Work Type or Project Phase: drop-down list) *	
Line Item Work Cost Estimate (Material Only)	
	Procurement Cost Estimate
	Installation Cost Estimate
Project Phase Work Cost Estimate	
	Study Cost Estimate
	Design Cost Estimate
	Construction Cost Estimate
Estimate Accuracy Level *	
Thresholds*	
Cost Estimate Method*	
Alternative FCIPPS Values *	
Risks	
Description	
Likelihood	
Consequence	
Benefits	
Answers	
Note: The below is supplemental information for filling out the "Cost Estimate Method" information block on the project justification sheet.	
Cost Estimate Methods Breakdown	
Estimate Method Type	
Parametric	
Analogy	
Engineering	
Actual Costs	

Cowlitz Falls Project Justification Sheet

Enter the project title in the following format: (Plant Code - Units if applicable, Equipment Type) i.e. CFP - U1 Exciters
Enter the current phase of project (study, design, procurement, installation, construction, etc).
Project Type Identification Code. If a continuing project, please include work order or project code.
Enter the date in which this Justification Form is completed.
Provide information regarding project type (Misc. Hydraulic Plant; Reservoir, Dams, and Waterways; Electric Plant - Generation Only; Misc. Expenses; etc.)
When is the work scheduled or tentatively scheduled to take place?
Fiscal year for which the project funds are being requested.
Enter the issue to be addressed. Is only material required [Yes or No drop-down list]? If material only, ensure to notate whether this a spare or replacement? Please provide justification for requirements identified in "Requirements pull-down". If the project is to replace a piece of equipment or tool, please provide age of existing equipment. (Example: Current U1 exciters have surpassed their useful life and replacement parts are no longer available. Insert requirement justification, as well.) Discuss why the work can not be deferred.
What requirements will completing this project fulfill: NERC/WCC, BIOP, License Requirement, Replacement, Addition, and/or Maintenance. [drop-down list]
Enter assets associated with the project, if applicable.
Enter associated asset score from HydroAMP, if applicable.
Any other projects in the current budget associated with this project [Yes or No drop-down list]? What is the associated project? Does any of the mentioned work need to be performed in any specific order?
Have technical evaluations been performed for assets [Yes or No drop-down list]? Summarize any technical evaluations (assessments, inspections of condition, HydroAMP field inspection, etc) completed on the assets involved with the issue to be resolved, if applicable. If proposing new asset, please provide information on evaluations or studies justifying the capital or OR&R investment.
Is this project part of the CFP long range plan [Yes or No drop-down list]? Is work being performed in correct fiscal year [Yes or No drop-down list]? Why does the project need to be accomplished in the proposed budget FY?
Enter information that may limit possible alternative technical approach, schedule, or budget. Any assumptions made?
Enter information about any measures currently being undertaken to address the issue. I.e. changes in operations, additional repairs, etc. What work is CFP currently performing to ensure facility can operate?
Fill out alternatives for any reasonable approach to address the issue.
Briefly explain the alternative's proposed technical approach and scope or work to address the identified need. Is this project for material procurement and installation? Or, is this a phased project with study, design, and/or construction? If an outage is required, does the preferred outage window meet the proposed schedule? Please separate out estimated material and labor costs here.
Will an outage be required for this work [Yes or No drop-down list]?
How is this work being completed [Yes = contracted out, or No = performed in-house drop-down list]?
Enter the alternative's expected start and finish dates for Procurement.
Enter the alternative's expected start and finish dates for Installation.
Enter the alternative's expected start and finish dates for Study.
Enter the alternative's expected start and finish dates for Design.
Enter the alternative's expected start and finish dates for Construction.

Cowlitz Falls Project Justification Sheet

Enter the expected Procurement costs (Operations and Maintenance/Expense, or Large Capital/OR&R) for the alternative's technical approach.
Enter the expected Installation costs (Operations and Maintenance/Expense, or Large Capital/OR&R) for the alternative's technical approach.
Enter the expected Study costs (Operations and Maintenance/Expense, or Large Capital/OR&R) for the alternative's technical approach.
Enter the expected Design costs (Operations and Maintenance/Expense, or Large Capital/OR&R) for the alternative's technical approach.
Enter the expected Construction costs (Operations and Maintenance/Expense, or Large Capital/OR&R) for the alternative's technical approach.
Select the cost estimate level of accuracy [drop-down list]. (Class 5 - Order of magnitude - screening; Class 4 - Intermediate - concept study or feasibility; Class 3 - Preliminary - 10%-40%; Class 2 - Substantive - 40%-70%; Class 1 - obtained quotes and weighed options - 70%-100%)
Based on the alternative's expected cost and cost estimate accuracy level, a high and low cost threshold is automatically calculated.
Select the cost estimate methodology used to create the alternative's estimate: Parametric, Analogy, Engineering, or Actual Costs [drop-down list]. Note: Please see "Cost Estimate Method Breakdown" on page 3 of instructions for additional information on categories.
Select risks that may occur if alternative scope is not completed [drop-down list].
Enter a short descriptor of the risk.
Select the likelihood of the risk to occur [drop-down list].
Select the level of consequence if the risk to occur [drop-down list].
Select benefits to be gained by the alternative being completed [drop-down list].
Enter answers to the generated benefit questions as provided.
Description
The parametric technique uses regression or other statistical methods to develop Cost Estimating Relationships (CERs). A CER is an equation used to estimate a given cost element using an established relationship with one or more independent variables. The relationship may be mathematically simple or it may involve a complex equation (often derived from regression analysis of historical systems or subsystems). CERs should be current, applicable to the system or subsystem in question, and appropriate for the range of data being considered.
Technique used to estimate a cost based on historical data for an analogous system or subsystem. In this technique, a currently fielded system, similar in design and operation to the proposed system, is used as a basis for the analogy. The cost of the proposed system is then estimated by adjusting the historical cost of the current system to account for differences (between the proposed and current systems).
The project being costed is broken down into lower-level components (such as parts or assemblies), each of which is costed separately for direct labor, direct material, and other costs. Engineering estimates for direct labor hours may be based on analyses of engineering drawings and contractor or industry-wide standards. Engineering estimates for direct material may be based on discrete raw material and purchase part requirements.
Actual cost experience or trends (from prototypes, engineering development models, and/or early production items) are used to project estimates of future costs for the same system. These projections may be made at various levels of detail, depending on the availability of data.

Cowlitz Falls Project Justification Sheet

Project Title:	1D Sediment Transport Study		
Project Phase:	Study	GL:	2-08-543-000
Category:	Res., Dams, & Waterways	Timing:	Oct 20 - Sept 21
Identify Need:	Addressed Only?	<input type="checkbox"/> No	Requirements:
<p><small>Sediment management is an ongoing concern at Cowlitz Falls. ICFWD seeks alternative approaches for managing sediment in the reservoir 1) with a focus on sediments that accumulate in the lower reservoir and 2) with a focus on the frequency, timing, and magnitude of reservoir drawdowns to prevent the unit intakes from becoming overwhelmed by sediment. Updating the sediment management plan is an Ecology and FERC license requirement. 1D Sediment Transport Study is a recommendation from the Cowlitz Falls Hydroelectric Project Sedimentation Study - Preliminary Hydraulic Analysis Report.</small></p>			<p><small>License Requirement</small></p>
Asset:	HydroAMP Score:	Any other projects in budget associated with this project?	
		Sedimentation Recommendations Report	
Summary of any Technical Evaluations Completed:		Have any technical evaluations been made?	
<p><small>Annual reservoir cross section surveys are performed to monitor the sediment movement and accumulation. Field inspections are made during each reservoir drawdown. 4343 inspections have been made during the 7-year periodic reservoir drawdowns in 2015 and 2015. The Cowlitz Falls Hydroelectric Project Sedimentation Study - Preliminary Hydraulic Analysis Report was completed in 2019. 2D modeling, surge, and CFD modeling have been performed.</small></p>			
Is this project part of the CFP Long Range Plan?		<input type="checkbox"/> Yes	If so, is it being performed in proposed fiscal year?
<p><small>If not, why is work important? Why does the work need to be accomplished in proposed budget #??</small></p>			
Constraints in Addressing the Problem or Limiting Alternatives			
<p><small>Enter information that may limit possible alternatives.</small></p>			
Current Active Mitigations to Address Issue:			
<p><small>The dam is actively operated to reduce the build up of sediment in the reservoir.</small></p>			
Recommended Alternative #1		1D Sediment Transport Study	
Alternative Approach (Scope):		Change Request? <input type="checkbox"/> No	Consistent? <input checked="" type="checkbox"/> Yes
<p><small>File a consultant to perform a 1D sediment transport study. Unlike 2D and 3D CFD modeling, 1D modeling can simulate sediment transport over a long period of time for the entire reservoir. This will provide data that will inform the Sedimentation Management Report and future sediment management operations.</small></p>		Alternative #1 Schedule	
		Phase/Work	Start
		Muddy	12-20
Alternative #1 Cost Estimate		Estimate Accuracy Level	
Phase/Work	O&M/EXP	CAF/CR&R	Thresholds
	\$100,000	\$0	High: \$115,000
	\$0	\$0	Low: \$100,000
	\$0	\$0	Actual Cost:
Total		\$100,000	
Additional Considerations		Likelihood	Contingency
Risk	Description		
Benefits		Answers	
Alternative #2		1D Sediment Transport Study	
Alternative Approach (Scope):		Change Request?	Consistent?
		Alternative #2 Schedule	

Cowlitz Falls Project Justification Sheet

Briefly explain the alternative's proposed technical approach to address the identified need. Is this project for material procurement and installation? Or, is this a phased project with study, design, and/or construction? If an outage is required, does the preferred outage window meet the proposed schedule? Material costs? Labor costs?

Phase/Work	Start

Alternative #2 Cost Estimate

Phase/Work

Phase/Work	O&M/EXP	CAP/O&B
	50	50
	50	50
	50	50
Total		50

Estimate Accuracy Level

Thresholds	High	Class 5
	50	50
	50	50
Cost Estimate Method		Analogy

Additional Considerations

Risks	Description	Likelihood	Consequence

Benefits	Answers

Alternative #3

Alternative Approach (Scope)

Briefly explain the alternative's proposed technical approach to address the identified need. Is this project for material procurement and installation? Or, is this a phased project with study, design, and/or construction? If an outage is required, does the preferred outage window meet the proposed schedule? Material costs? Labor costs?

Garage Req'd? Contracted?

Alternative #3 Schedule

Phase/Work	Start

Alternative #3 Cost Estimate

Phase/Work

Phase/Work	O&M/EXP	CAP/O&B
	50	60
	50	50
	50	50
Total		50

Estimate Accuracy Level

Thresholds	High	Class 5
	50	50
	50	50
Cost Estimate Method		Analogy

Additional Considerations

Risks	Description	Likelihood	Consequence

Benefits	Answers

Cowlitz Falls Project Justification Sheet

<p>Additional Information / Notes</p>							



	High	Low		Estimate Method
None	3	0.25		Parametric
Class 5	2	0.5		Analogy
Class 4	1.5	0.7		Engineering
Class 3	1.3	0.8		Actual Costs
Class 2	1.2	0.85		
Class 1	1.15	0.9		
Awarded	1.05	0.975		
Yes				NERC/WECC
No				BIOP
				License Requirement
Financial Risk				Replacement/Refurbishment
Compliance Risk				Spare
Environmental Risk				Addition/Investment
Safety Risk				Maintenance
Public Perception Risk				
Capital Financial Benefit				O&M Financial Benefit1
O&M Financial Benefit				O&M Financial Benefit2
Generation Efficiency Benefit				O&M Financial Benefit3
Productive Workplace Benefit				Capital Financial Benefit1
				Capital Financial Benefit2
				Capital Financial Benefit3
5 - Almost Certain (once every 2 years)				Generation Efficiency Benefit1
4 - Likely (once every 5 years)				Generation Efficiency Benefit2
3 - Possible (once every 13 years)				Generation Efficiency Benefit3
2 - Unlikely (Once every 50 years)				Productive Workplace Benefit1
1 - Rare (Once every 100 years)				Productive Workplace Benefit2
N/A				Productive Workplace Benefit3
5 - Extreme				
4 - Major				
3 - Moderate				
2 - Minor				
1 - Insignificant				
N/A				
Type of work				
Procurement				

Installation				
Maintenance				
Study				
Design				
Construction				
Multiple				

Life Cycle Plan - Example

Cowlitz Falls Project

Proposed Year (P) / Capital (C)

System - Components	Proposed Year (P) / Capital (C)												Frequency	Cost	Escalation 2% CFP Staff 3% Outside Services	Comment	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032					
INTAKE & DROP STRUCTURE																	
Trash Racks (safety fence)					P									10 years	\$ 30,000	3%	
Transformer														20 years	\$ 12,000	3%	
Head Gate Seal Inspection	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 500	2%	
Roof			PC									PC		25 years	\$ 30,000	3%	
Standby Generator Service	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 1,500	2%	
Standby Generator Overhaul									P					10 years or As Needed by Hours	\$ 5,000	3%	
Tree Removal		P					P					P		As Needed	\$ 5,000	2%	
Tree Growth Monitoring	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 500	2%	
PIPELINE																	
Manhole Hardware Replacement	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 1,500	3%	1/3 of all manholes
SURGE TANK																	
Transformer Upgrade														20 years	\$ 15,000	3%	
Vent Piping (Penstock) Replacement														As Needed	\$	3%	Costs will depend on condition of the piping inspection from the ID
PENSTOCK																	
Manhole Hardware Replacement	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 1,500	3%	1/3 of all manholes
Anchor #4 Stabilization	P	P	P	P	P	P	P	P	P	P	P	P	P	Until no movement	\$ 450,000	3%	
POWERHOUSE																	
Painting					PC									10 years	\$ 10,000	3%	totally included in the roof repairs \$10K in other years
Roof														As Needed	\$ 30,000	3%	
Cladders														One Time	\$ 2,500	3%	
Lighting														As Needed	\$	3%	1/2 have been upgraded. The remaining will be Outage Activities budgeted under Support/Maintenance
Flooring														As Needed	\$ 25,000	3%	
Standby Generator Service	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 1,500	2%	
Standby Generator Overhaul										P				Purchased in 2010	\$ 5,000	3%	
COOLING WATER SYSTEM																	
Repair Water Leak Off Row Water Tank														As Needed	\$	3%	Costs to be determined in next outage FY17. This is a inspection from the ID to locate the leak.
Inspect	P	P	P	P	P	P	P	P	P	P	P	P	P	Annually	\$ 500	2%	
Piping Replacement														As Needed	\$ 60,000	3%	Based on UT results
Cooling Water Pumps - A Pump											P			10 years	\$ 15,000	3%	
Cooling Water Pumps - B Pump					P									10 years	\$ 15,000	3%	
GOVERNOR																	
Upgrade														As Needed	\$ 150,000	3%	
Service			P		P			P				P		3 years or As Needed	\$ 15,000	3%	
MAIN GENERATOR																	
Rewind														25 years	\$ 1,500,000	3%	
Labyrinth Seals					P					P				5 years	\$ 3,500	3%	

Line 1: Tunnel 1 to Slide Area													20 years	\$		3%
Slide Area		PC											20 years	\$		3%
Powerhouse to Surge Tank				PC									20 years	\$		3%
Surge Tank to Tunnel 2						PC							20 years	\$		3%
Non-Capital Components:	21	19	22	24	20	22	20	21	19		18	20	22			
Capital Components:	0	1	1	1	0	3	0	0	0		1	1	2			
Capital Costs			\$ 20,000			\$ 13,000					\$ 20,000	\$ 20,000	\$ 41,000			
3% Escalation for outside services (starting 2013)			\$ 800			\$ 400					\$ 1,000	\$ 800	\$ 1,300			
Total Capital Costs			\$ 20,800			\$ 13,400					\$ 21,000	\$ 20,800	\$ 42,300			

Cost Estimate Method*	Select the cost estimate methodology used to create the alternative's estimate: Parametric, Analogy, Engineering, or Actual Costs [drop-down list]. Note: Please see "Cost Estimate Method Breakdown" on page 3 of instructions for additional information on categories.	
Alternative ICPS Value*		
Risks	Select risks that may occur if alternative scope is not completed [drop-down list].	
Description	Enter a short descriptor of the risk.	
Likelihood	Select the likelihood of the risk to occur [drop-down list].	
Consequence	Select the level of consequence if the risk to occur [drop-down list].	
Benefits	Select benefits to be gained by the alternative being completed [drop-down list].	
Answers	Enter answers to the generated benefit questions as provided.	
Note: The below is supplemental		
Cost Estimate Methods Breakdown		
Estimate Method Type	Description	
Parametric	The parametric technique uses regression or other statistical methods to develop Cost Estimating Relationships (CERs). A CER is an equation used to estimate a given cost element using an established relationship with one or more independent variables. The relationship may be mathematically simple or it may involve a complex equation (often derived from regression analysis of historical systems or subsystems). CERs should be current, applicable to the system or subsystem in question, and appropriate for the range of data being considered.	
Analogy	Technique used to estimate a cost based on historical data for an analogous system or subsystem. In this technique, a currently fielded system, similar in design and operation to the proposed system, is used as a basis for the analogy. The cost of the proposed system is then estimated by adjusting the historical cost of the current system to account for differences (between the proposed and current systems).	
Engineering	The project being costed is broken down into lower-level components (such as parts or assemblies), each of which is costed separately for direct labor, direct material, and other costs. Engineering estimates for direct labor hours may be based on analyses of engineering drawings and contractor or industry-wide standards. Engineering estimates for direct material may be based on discrete raw material and purchase part requirements.	
Actual Costs	Actual cost experience or trends (from prototypes, engineering development models, and/or early production items) are used to project estimates of future costs for the same system. These projections may be made at various levels of detail, depending on the availability of data.	

	High	Low	Estimate Method	
None	3	0.25	Parametric	The parametric techn
Class 5	2	0.5	Analogy	Technique used to est
Class 4	1.5	0.7	Engineering	The project being cos
Class 3	1.3	0.8	Actual Costs	Actual cost experienc
Class 2	1.2	0.85		
Class 1	1.15	0.9		
Awarded	1.05	0.975		
Yes			NERC/WECC	
No			BIOP	
Financial Risk			License Requirement	
Compliance Risk			Replacement/Refurbishment	
Environmental Risk			Spare	
Safety Risk			Addition/Investment	
Public Perception Risk			Maintenance	
Capital Financial Benefit			O&M Financial Benefit1	What is the reductor
O&M Financial Benefit			O&M Financial Benefit2	What is the reductor
Generation Efficiency Benefit			O&M Financial Benefit3	What is the reductor
Productive Workplace Benefit			Capital Financial Benefit1	What is the amount c
			Capital Financial Benefit2	
5 - Almost Certain (once every 2 years)			Capital Financial Benefit3	
4 - Likely (once every 5 years)			Generation Efficiency Benefit1	What is the average a
3 - Possible (once every 13 years)			Generation Efficiency Benefit2	What is the forecast ?
2 - Unlikely (once every 50 years)			Generation Efficiency Benefit3	
1 - Rare (once every 100 years)			Productive Workplace Benefit1	How many employes
N/A			Productive Workplace Benefit2	How many hours of it
			Productive Workplace Benefit3	
5 - Extreme				
4 - Major				
3 - Moderate				
2 - Minor				
1 - Insignificant				
N/A				
Type of work				
Procurement				
Installation				
Maintenance				
Study				
Design				
Construction				
Multiple				

Inspect Bus Duct Heater	P	P	P	P	P	P	P	P	P	P	P	Annually
Cable Aging Management - Inspect	P	P	P	P	P	P	P	P	P	P	P	Annually
Cable Aging Management - Review												As Needed
EXCITER												
Upgrade												As Needed
Service	P	P	P	P	P	P	P	P	P	P	P	Annually
TURBINE SHUTOFF VALVE												
Turbine Shutoff Valve (TSV) Overhaul												As Needed
Oil System Upgrade												As Needed
Piping Replacement												As Needed
TURBINE RUNNER												
Inspection/Repair	P	P	P	P	P	P	P	P	P	P	P	Annually
Runner Replacement												25 years or As Needed
Main and Slave Needle Valves												25 years or As Needed
Oil System - Replace Friction Lines												5 years or As Needed
Oil System - Upgrade Outside Bushings												As Needed
Replace Air Filter												As Needed
LUBE OIL SYSTEM												
Oil Filter Sock Replacement										PC		15 years
										\$ 50,000		
Filters Replacement	P	P	P	P	P	P	P	P	P	P	P	Annually
Clean and Fill Lub Oil		P										5 year
Piping Replacement												As Needed
Piping Monitoring	P	P	P	P	P	P	P	P	P	P	P	Annually
Heat Exchanger Replacement												10 years
						PC						
						\$ 3,000						
Pressure Indicating Switches	P	P	P	P	P	P	P	P	P	P	P	As Needed
Pressure Indicating Switches												As Needed
MOTOR CONTROL CENTERS												
Inspect/Clean/Repair	P	P	P	P	P	P	P	P	P	P	P	Annually
BATTERY BANK												
Replace Batteries (purchased 2010, 2013)	P											1/3 every 5 years or 15 years or As Needed
DC Charger											PC	
											\$ 6,000	
TAILRACE												
Repair Tailrace												As Needed
Flame Liner												As Needed
Fish Barrier Service	P	P	P	P	P	P	P	P	P	P	P	Annually
4160 KV												
Lower Tunnel 1 to Intake												20 years
Lower Tunnel 1 to Slide Area												20 years
Slide Area		PC										20 years
		\$ -										
Powerhouse to Surge Tank				PC								20 years
				\$ -								
Surge Tank to Tunnel 2					PC							20 years
					\$ -							
Non-Capital Components	21	19	22	24	20	22	20	21	19	18	20	22
Capital Components	0	1	1	1	0	3	0	0	0	1	1	2
Capital Costs	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 13,500	\$ -	\$ -	\$ -	\$ 50,000	\$ 30,500	\$ 41,000
3% Escalation for outside services (years 2015)	\$ -	\$ -	\$ 900	\$ -	\$ -	\$ 405	\$ -	\$ -	\$ -	\$ 1,500	\$ 900	\$ 1,230
Total Capital Costs	\$ -	\$ -	\$ 30,900	\$ -	\$ -	\$ 13,905	\$ -	\$ -	\$ -	\$ 51,500	\$ 31,400	\$ 42,230

Cowitz Falls Project Justification Sheet

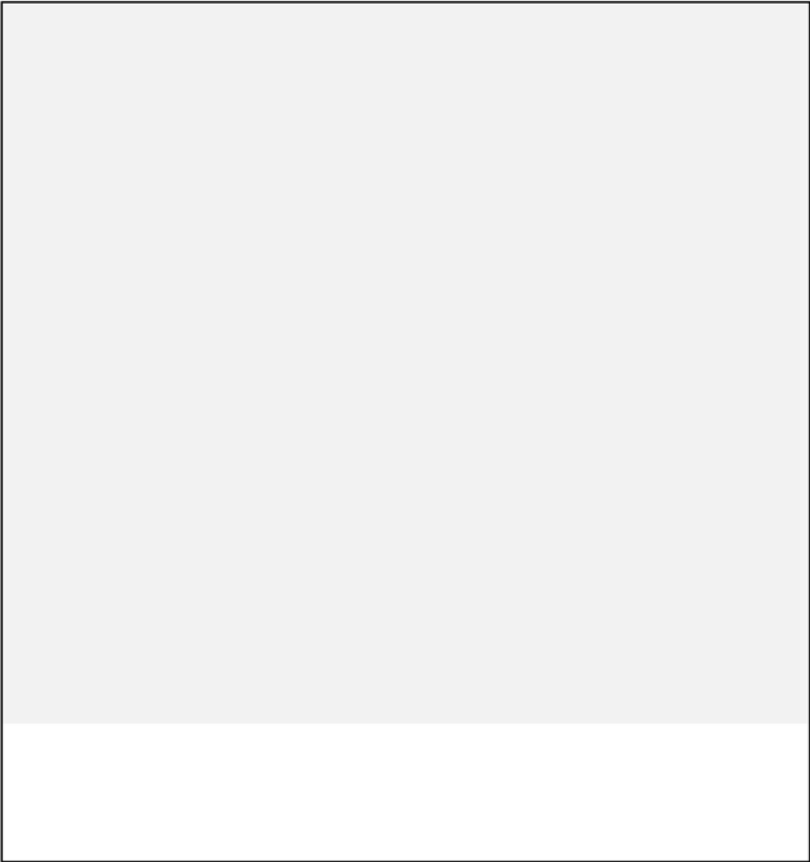
Date:		7/20/2020
Budget Yr:		2021
Requirements		
License Requirement		
Yes		
Yes		
Alternative #1 Schedule		
Phase/Week	Start	Finish
Study	Aug 21	sep 21
Cost 1 High: \$1,500 Low: \$45,000 Actual Cost:		
Consequence:		
Answers		
Alternative #2 Schedule		

Cowitz Falls Project Justification Sheet

Phase/Work	Start	Finish
Class 5		
High:	50	
Low:	50	
Analysis		
Consequence		
Answers		
Alternative #3 Schedule		
Class 3		
High:	50	
Low:	50	
Analysis		
Consequence		
Answers		

Cowlitz Falls Project Justification Sheet

GL:	7-08 544-000	Date:	7/16/2020	
Timing:	10/20 - 8/21	Budget Yr:	2021	
Requirements				
Any other projects in budget associated with this project? No				
If so, what is associated work? Does this work need to be performed in any specific order?				
Have any technical evaluations been made? Yes				
If so, is it being performed in proposed fiscal year?				
Alternative #1 Schedule				
Contracted? <input type="checkbox"/> Yes				
		Phase/Work	Start	Finish
		Design	Nov 20	Feb 20
		Construction	Mar 20	Jul 20
Estimate Accuracy Level		Class 5		
Thresholds		High	\$100,000	
		Low	\$45,000	
Cost Estimate Method		Analog		
Livelihood		Compliance		
Answers				
Alternative #2 Schedule				
Contracted? <input type="checkbox"/> Yes				
		Phase/Work	Start	Finish
		Procurement	Nov 20	Apr 21



1D Sediment Transport Study

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	1D Sediment Transport Study
Budget Amount	\$ 100,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	Requirement

This study will determine alternative approaches for managing sediment in the reservoir. One dimensional modeling has the ability to incorporate sediment transport and simulate long periods of time over the entire reservoir. A sediment management plan is an ecology requirement. This study will provide data to develop the sediment management plan. Updating the Sediment Operations Plan to include new information is a FERC license requirement.

The project cost is based on a quote from Northwest Hydraulic Consultants. Black & Veatch master plan implementation date of 2021.

230 kV Circuit Breaker Maintenance

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	230 kV Circuit Breaker Maintenance
Budget Amount	\$ 45,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	Requirement
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

The 230 kV generator circuit breakers will be inspected and tested. This is a WECC requirement. A consultant will be hired to perform this work.

The project cost is based on an estimate from previous work. This work will require a unit outage. Black & Veatch master plan implementation date of 2021.

5-Ton Bridge Crane

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	5-Ton Bridge Crane
Budget Amount	\$ 500,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	

The project will be the purchase of a 5-ton bridge crane over each unit. This will increase life of the generator by allowing access to the generator to be cleaned. Will provide a safe method to remove generator deck plates and support structure as well as the speed signal generator on top of the units. Design is complete. Bid documents are complete. A contractor will provide and install the crane.

The project cost is based of an estimate provided by crane manufacturers. Black & Veatch master plan implementation date of 2027.

AVR Testing

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	AVR Testing
Budget Amount	\$ 60,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	Requirement
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for testing the AVR for each unit. This is a WECC requirement to perform this work in 2020. This work will be performed by a contractor.

The cost is based on previous work. The Black & Veatch master plan implementation date is 2021.

CCC T-O Site Parking

2-08-545-020

Details	
GL	2-08-545-020
Year	2021
Category	Recreation (Campgrnd, Day Use, Packwood)
Item	CCC T-O Site Parking
Budget Amount	\$ 45,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	Requirement
Maintenance	
Other?	

This project is to design and create bid specifications for parking at the Copper Canyon Creek Take-Out site. Developing parking at the Copper Canyon Creek Take Out site is a FERC license requirement that needs to be completed by 2022. A consultant would be hired to complete the design. A contractor would be hired to construct the facility in 2022.

Will require permit approval. The cost is based on a estimate.

Concrete Scanner

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Concrete Scanner
Budget Amount	\$ 25,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	

This is for the purchase of a concrete scanner. This will allow us to see the piping and rebar imbedded in the concrete. We will be able to set anchors, saw, and drill into the concrete without hitting pipe and rebar.

The cost is based on a quote.

Contract Operators

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Contract Operators
Budget Amount	\$ 250,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for contracting operators to assist in operating Cowlitz Falls. The work force will be temporarily undermanned until new hires are made and trained. We will hire contract operators to operate Cowlitz Falls for a duration of up to one year.

The cost is based on industry wage and per diem rates.

Control Room - Office Area Repairs

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Control Room - Office Area Repairs
Budget Amount	\$ 40,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This project is to fix water leaks and deteriorating walls and replace windows. There is damage due to the leaks. A contractor will be hired to perform the work.

The project cost is based on an estimate.

Convert Engineering Drawings to AutoCAD

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Convert Engineering Drawings to AutoCAD
Budget Amount	\$ 40,000
Timing	Annual
Budget Year	FY 2021

Requirements	
NERC/WECC	
BIOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This project will create electronic as-built drawings for Cowlitz Falls. There were not as-built drawings completed after construction of the Project. The District does not have a CAD drafter. We hire NAES to provide drafting services.

The project cost is based on a quote for NAES.

Cooling Water Valves

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Cooling Water Valves
Budget Amount	\$ 8,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This is for purchasing a cooling water valve. The existing valve is deteriorating and needs replacing.

The cost is based on a quote. This has a hydroAMP score of 5.7.

Debris Barrier Cathodic Protection

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Debris Barrier Cathodic Protection
Budget Amount	\$ 75,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	Requirement
Other?	

This is for Installing a new cathodic protection system for the debris barrier. The current system is not working properly and will lead to excessive corrosion. This is a FERC Part 12 recommendation. Norton performed an assessment on the debris barrier and recommended alternatives. A consultant will be hired to develop the design. A contractor will perform the work.

The project cost is based on an estimate from the McMillen condition assessment. A more refined cost estimate will be obtained after the design is complete. Black & Veatch master plan implementation date is 2021. This component has a hydroAMP score of 5.7. The McMillen condition assessment described the debris barrier as an urgent priority issue needing action.

Debris Barrier Coating

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Debris Barrier Coating
Budget Amount	\$ 150,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	Requirement
Other?	

This project is for recoating the debris barrier. The debris barrier is in need of recoating to maintain integrity of the equipment. This is a FERC Part 12 recommendation. Norton performed an assessment on the debris barrier and recommended alternatives. A consultant will be hired to develop the design. A contractor will be hired to perform the work.

The project cost is based on an estimate from McMillen condition assessment. A more refined cost estimate will be obtained after the design is complete. Black & Veatch master plan implementation date is 2021. This component has a hydroAMP score of 5.7. The McMillen condition assessment described the debris barrier as an urgent priority needing action.

Diesel Generator Connection to Spillway Gates 2 & 3

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Diesel Generator Connection to Spillway Gates 2 & 3
Budget Amount	\$ 14,000
Timing	0
Budget Year	FY 2021

Requirements	
NERC/WECC	
BIOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	

This project is to install electrical connections for the mobile diesel generator to spillway gates 2 & 3. The connector will eliminate several single points of failure for the power feed to the gates. This is a FERC Part 12 recommendation. The connections for spillway gates 1 & 4 are complete.

The project cost is based on actual costs for previous work.

D-Loop Electrical Design & Feed Upgrades

2-08-545-020

Details	
GL	2-08-545-020
Year	2021
Category	Recreation (Campgrnd, Day Use, Packwood)
Item	D-Loop Electrical Design & Feed Upgrades
Budget Amount	\$ 30,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BIOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This project is to reconductor the power feed for the D-loop RV sites. One of the electrical conductors for the power feed to the D-loop RV sites has failed. The Design will be performed by Cowlitz Falls staff. A contractor will be hired to perform the work.

The project cost is a estimate. A more refined cost estimate will be made after the design is complete.

Drainage Pump

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Drainage Pump
Budget Amount	\$ 20,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BIOP	
Lic. Req.	
Replacement	Requirement
Addition	
Maintenance	
Other?	

This project is to purchase a spare drainage pump. We installed a new pump that was our spare. We need to replace the spare pump. This a critical piece of equipment that requires a spare pump.

The project cost is based on previous purchase.

Electrical Contractors

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Electrical Contractors
Budget Amount	\$ 120,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This is for hiring electrical contractors to perform work at Cowlitz falls. This work will include assisting on the gantry crane remote control installation.

The cost is based on standard labor rates and per diem.

Exciter Brush Dust Vacuum System

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Exciter Brush Dust Vacuum System
Budget Amount	\$ 120,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	

This project will be the purchase of equipment that will capture the exciter brush dust. This will increase the life of the generator by reducing the probability of failure. The exciter brush dust that accumulates on the generator windings, station service circuit breakers, exciter components, generator bus, and other equipment. Cowlitz Falls crews will install the equipment.

The project cost is based on a quote from a vendor. Black & Veatch master plan implementation date is 2023 and 2024.

Generator Hatch Cover Seals & Drains

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Generator Hatch Cover Seals & Drains
Budget Amount	\$ 120,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BIOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This project is to unblock the generator hatch cover drains and inspect and possibly replace the hatch cover seals. The generator hatch cover drains are blocked by the hatch cover. The hatch covers have small leaks. The project will take place in conjunction with the bridge crane installation. A contractor will be hired to perform this work.

The project cost is based on an estimate and previous work . A more detailed cost estimate will be obtained. Black & Veatch master plan implementation date is 2021.

Generator Parameter Validation Testing

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Generator Parameter Validation Testing
Budget Amount	\$ 160,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	Requirement
BIOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This project is to conduct generator testing. WECC required testing must be completed in 2020. Testing will take place in the fall of 2020. A consultant will be hired to perform this work.

The project cost is based on previous work. Black & Veatch master plan implementation date is 2021.

Governor 3D CAM

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Governor 3D CAM
Budget Amount	\$ 16,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	Requirement
Addition	
Maintenance	Requirement
Other?	

This is for the purchase of a 3D cam for each unit governor. We do not have a spare 3D cam. We have some operational issues attributed to the 3D cam. This is a critical component that is required in order to operate the unit. Cowlitz Falls crews will install the 3D cam.

The project cost is based on a quote from American Governor. This work will require a unit outage. This has a hydroAMP score of 4.4.

Lathe

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc Hydraulic Plant
Item	Lathe
Budget Amount	\$ 18,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	

This is for purchasing a lathe. This will allow fabrication of parts, increasing reliability and reducing equipment downtime. This is a standard piece of equipment for a hydro facility.

The project cost is based on a quote.

Long Range Plan Analysis

2-08-923-000

Details	
GL	2-08-923-000
Year	2021
Category	CFP - PROFESSIONAL SERVICES
Item	Long Range Plan Analysis
Budget Amount	\$ 50,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for updates to the Black & Veatch master plan. This will provide BPA and internal staff a current and meaningful information for the long term plan. This work will be performed by consultants.

The project cost is based on an estimate from Black & Veatch.

Mechanical Contractors

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Mechanical Contractors
Budget Amount	\$ 80,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for hiring a mechanical contractor to perform work at Cowlitz Falls. The work will include assisting in the inspection and replacement of the turbine shaft seals, cooling water valve replacement, draft tube and scroll case valve replacements.

The cost is based on industry wage and per diem rates.

New Office, WH, Shop Facility - Design-Site Testing

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	New Office, WH, Shop Facility - Design-Site Testing
Budget Amount	\$ 230,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	

This project is for creating a design and performing site evaluation for the new warehouse, shop, office building. The existing warehouse, shop, and office space is inadequate to operate the facility efficiently. This work will be performed by consultants.

This project cost is based on industry standard for design of buildings. The Black & Veatch master plan implementation date is 2024.

Radio - Pager System Improvements

2-08-539-000

Details	
GL	2-08-539-000
Year	2021
Category	Misc Expenses
Item	Radio - Pager System Improvements
Budget Amount	\$ 25,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	Requirement
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	Requirement
Other?	

This is for remote communication of plant alarms to on call Operators. The radio/pager system is not reliable and needs improvements. This is also to look at alternatives for a new system verses maintaining the existing system. The review of alternatives will be performed by a consultant. The improvements will be performed by Cowlitz Falls crews.

Project cost is an estimate.

Rail Extension Over Spillway 4

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Rail Extension Over Spillway 4
Budget Amount	\$ 170,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	

This project is to design the rail extension over spillway gate 4. This was an original design feature that was not completed. The rail extension will allow operation and maintenance of the sluice gate, access to spillway 4 structure for inspections and maintenance, and with the replacement of the sluice gate. The alternative is bringing in 300 or 350-ton cranes to perform this work. There are concerns about exceeding the load rating of the top deck with these cranes. This work would be performed prior to the construction phase of the sluice gate replacement. The design would be performed by a consultant.

The cost is based on an estimate. A more refined cost estimate will be obtained. Black & Veatch master plan implementation date is 2021.

Recreation Assessment

2-08-545-020

Details	
GL	2-08-545-020
Year	2021
Category	Recreation (Campgrnd, Day Use, Packwood)
Item	Recreation Assessment
Budget Amount	\$ 75,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	

This project is to perform an assessment of our recreation facilities and provide a long term plan. This will be incorporated into the master plan. This work will be performed by a consultant.

The project cost is based on an estimate from the master plan. The Black & Veatch master plan implementation date is 2021.

RT Fork Lift

2-00-392-012

Details	
GL	2-00-392-012
Year	2021
Category	Fixed Asset Clearing
Item	RT Fork Lift
Budget Amount	\$ 70,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	Requirement

This is for the purchase of an RT forklift. We would improve safety by using the forklift to move large items at the warehouse and on the top deck, allow storage on pallet racks in warehouse, and unload delivered materials off truck. We looked at an alternative of renting a fork lift. This was the cost effective solution.

The cost is based on a quote.

SCADA Support

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	SCADA Support
Budget Amount	\$ 50,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for SCADA support from the system integrator. We will need annual support for the SCADA system. This is in lieu of hiring an employee for this work. The annual cost will be less in the ensuing years.

This is based on estimates from the consultant.

Security Assessment

2-08-539-000

Details	
GL	2-08-539-000
Year	2021
Category	Misc Expenses
Item	Security Assessment
Budget Amount	\$ 85,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	Requirement
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	

This will help us develop a security plan that will be a part of the larger master plan for Cowlitz Falls. This will help us meet FERC and NERC/WECC security requirements. This work will be performed by a consultant.

The project cost is based on a quote. Black & Veatch master plan implementation date is 2021.

Sedimentation Recommendations Report

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Sedimentation Recommendations Report
Budget Amount	\$ 50,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	Requirement

This report will provide recommendations for the sediment management plan. The sediment management plan is a n Ecology requirement. Updating the Sediment Operations Plan to improve sediment management is a FERC license requirement. This work will be performed by a consultant.

The project cost is based on a quote from Northwest Hydraulics Consultants. Black & Veatch master plan implementation date of 2021.

Seismic Study

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Seismic Study
Budget Amount	\$ 150,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	

This project will include performing seismic studies to determine the stability of the dam structure. This is a FERC Part 12 dam safety requirement. This work will be performed by a consultant.

The project cost is based on an estimate from McMillen. Black & Veatch master plan implementation date of 2021.

Sluice Gate Replacement - CFD & Physical Model, 30% Design

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Sluice Gate Replacement - CFD & Physical Model, 30% Design
Budget Amount	\$ 330,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	Requirement
Addition	
Maintenance	
Other?	Requirement

This is the modeling required to develop the final sluice gate design. The sluice gates do not operate as intended and do not assist in as much as needed in the sediment management program. This work will be performed by a consultant.

This cost is based on a quote from McMillen. Black & Veatch master plan implementation date is 2024. The sluice gates have a hydroAMP score of 5.0.

Sonar & Turbidity Sensors

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Sonar & Turbidity Sensors
Budget Amount	\$ 150,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	Requirement
Maintenance	
Other?	Requirement

This is for the purchase of sonar and turbidity sensors to monitor the sediment movement and accumulation in the reservoir. These sensors will provide data to develop the sediment management plan. This is an Ecology sediment management requirement. Updating the Sediment Operations Plan to improve sediment management is a FERC license requirement.

This cost is based on a quote.

South Well Pump

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	South Well Pump
Budget Amount	\$ 3,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for purchasing a spare pump for the south well. This supplies water for the turbine shaft seals. Without water supply to the turbine shaft seals we cannot operator the unit.

The cost is based on a quote from a previous purchase.

Spillway Gate Finite Element Analysis

2-08-543-000

Details	
GL	2-08-543-000
Year	2021
Category	Resv., Dams & Waterways
Item	Spillway Gate Finite Element Analysis
Budget Amount	\$ 75,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	Requirement
Replacement	
Addition	
Maintenance	
Other?	

This is for analysis that is a FERC Part 12 recommendation. This will be performed by a consultant.

This is based on an estimate from a consultant.

Spillway Handrail & Guardrail

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Spillway Handrail & Guardrail
Budget Amount	\$ 150,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	Requirement

This project will be to replace the existing handrails around the spillway gate openings on the top deck. The existing handrail concrete support around the spillway is deteriorating. The handrails will soon become unsafe. We will add guard rails where needed. This work will be performed by a contractor.

The project is based on an estimate. A more refined cost estimate will be obtained. Black & Veatch master plan implementation date is 2021.

Temporary Offices

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Temporary Offices
Budget Amount	\$ 60,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for renting temporary offices for CFP staff. There is not adequate office space for CF staff. Existing offices do not meet building and fire codes for office space.

The cost is based on a quote. Black & Veatch master plan implementation date is 2021.

Transformer Oil Processing & Testing

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Transformer Oil Processing & Testing
Budget Amount	\$ 30,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	
Other?	

This is for processing the GSU transformer oil. BPA will be replacing a CT in the transformed. The oil will need to be removed from the transformer to perform this work. The transform oil testing have indicated some high readings that recommend action. This work would be performed by a contractor.

The cost is based on an estimate.

Turbine Maintenance Seals

2-08-544-000

Details	
GL	2-08-544-000
Year	2021
Category	Electric Plant - Generation Only
Item	Turbine Maintenance Seals
Budget Amount	\$ 50,000
Timing	Budgeted for FY 2021
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

This is for the purchase of turbine maintenance seals. We do not have spare turbine maintenance seals. The condition of the seals are monitored and they will need replacing in the next two years. The rubber seals are a critical item to the safety and integrity of the project. The seal molds and holders will need to be custom made and may require a long time to be manufactured.

The project cost is based on an estimate. The OEM provided a quote for a cost of \$250,000 each.

Warehouse Repairs

2-08-545-000

Details	
GL	2-08-545-000
Year	2021
Category	Misc. Hydraulic Plant
Item	Warehouse Repairs
Budget Amount	\$ 60,000
Timing	Budgeted for FY 2020
Budget Year	FY 2021

Requirements	
NERC/WECC	
BiOP	
Lic. Req.	
Replacement	
Addition	
Maintenance	Requirement
Other?	

The large warehouse need new doors, storage racks, and lighting. The small warehouse roof leaks, need new doors, storage racks, and lighting.

From: Brad Ford

Sent: Thu Aug 13 16:59:16 2020

To: Carlson,Debbie (BPA) - PGAC-RICHLAND

Cc: Joe First; Wendy Woody

Subject: [EXTERNAL] RE: **EXTERNAL EMAIL** Status of the Budget - FY 2019

Importance: Normal

Attachments: STATUS of CF BUDGET Fiscal 2019 Oct - Sep.pdf

Hi Debbie,

Please see attached.

Brad

From: Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>

Sent: Monday, August 10, 2020 8:11 AM

To: Brad Ford <bradf@lcpud.org>

Cc: Joe First <joef@lcpud.org>

Subject: **EXTERNAL EMAIL** Status of the Budget - FY 2019

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 Brad –

I don't recall getting a Status of the Budget for September 2019 (EOY). I believe you mentioned because the rock wall costs had yet to be settled it couldn't be completed. Then again, it is entirely possible I misfiled it. In any case would you please send it to me.

Thank you!!!

debbie

Brad Ford

Chief Financial Officer | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2417 | e: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 Project
FY 2019**

For the Period Ending: 9/30/2019

Time Elapsed: 100%

Project Reimbursements		<u>Total Budget</u>	<u>Actual Total</u>	<u>Remaining Budget</u>
2.00.456.200	Project Reimbursements from BPA	\$ 4,422,120	\$ 4,422,120	\$ -
2.00.419.000	Interest Income	\$ 3,530	\$ 3,874	\$ (344)
2.00.417.000	Campground Revenue	\$ 10,000	\$ 79,609	\$ (69,609)
2.00.456.300	Misc. Revenues	\$ 5,000	\$ -	\$ 5,000
2.08.537.050	Tacoma Fish Program Reimbursement	\$ 10,000	\$ -	\$ 10,000
Total Annual Operating Income		\$ 4,450,650	\$ 4,505,603	\$ (54,953)
Carry Over		\$ 197,000	\$ 197,000	\$ -
Total		\$ 4,647,650	\$ 4,702,603	\$ (54,953)

O&M		<u>A/P Budget</u>	<u>Labor Budget</u>	<u>Total Budget</u>	<u>Actual A/P</u>	<u>Actual Labor</u>	<u>Actual Total</u>	<u>Remaining Budget</u>
2.00.236.200	Privilege Taxes	\$ 48,550	\$ -	\$ 48,550	\$ 48,551	\$ -	\$ 48,551	\$ (1)
2.00.236.300	Business and Sales	\$ 424	\$ -	\$ 424	\$ -	\$ -	\$ -	\$ 424
2.00.236.400	Water/Use Taxes	\$ 1,000	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000
2.00.236.700	CF - Taxes Accrues - Leasehold	\$ -	\$ -	\$ -	\$ 271	\$ -	\$ 271	\$ (271)
2.08.535.000	CF - Operation, Supervsn, Engineer - Hydr (Labor)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.08.535.002	Supervision & Engineering - Non Labor	\$ 18,800	\$ -	\$ 18,800	\$ 12,336	\$ -	\$ 12,336	\$ 6,464
2.08.537.010	CFP-Fish & Wildlife	\$ 67,400	\$ -	\$ 67,400	\$ 75,390	\$ -	\$ 75,390	\$ (7,990)
2.08.537.020	Recreation	\$ 22,600	\$ -	\$ 22,600	\$ 138,138	\$ -	\$ 138,138	\$ (115,538)
2.08.537.042	CF-Tacoma Materials/3rd Party Costs (Non Labor)	\$ -	\$ -	\$ -	\$ 90	\$ -	\$ 90	\$ (90)
2.08.537.060	Endangered Species Act Requirements	\$ 105,000	\$ -	\$ 105,000	\$ 106,975	\$ -	\$ 106,975	\$ (1,975)
2.08.539.000	Misc Expenses	\$ 100,500	\$ -	\$ 100,500	\$ 122,263	\$ -	\$ 122,263	\$ (21,763)
2.08.543.000	Resv., Dams & Waterways	\$ 734,800	\$ -	\$ 734,800	\$ 653,698	\$ -	\$ 653,698	\$ 81,102
2.08.543.002	Resv., Dams & Waterways - Non Labor	\$ -	\$ -	\$ -	\$ 2,663	\$ -	\$ 2,663	\$ (2,663)
2.08.544.000	Electric Plant	\$ 44,800	\$ -	\$ 44,800	\$ 47,433	\$ -	\$ 47,433	\$ (2,633)
2.08.545.000	Misc Hydraulic Plant	\$ 102,300	\$ -	\$ 102,300	\$ 118,684	\$ -	\$ 118,684	\$ (16,384)
2.08.545.020	Recreation - Maintenance of Campground	\$ 57,700	\$ -	\$ 57,700	\$ 53,088	\$ -	\$ 53,088	\$ 4,612
2.08.545.030	BPA Fish Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.08.560.000	Transmission Line	\$ 27,600	\$ -	\$ 27,600	\$ -	\$ -	\$ -	\$ 27,600
2.08.571.002	Maint of Overhead Lines - Transmission	\$ -	\$ -	\$ -	\$ 10,214	\$ -	\$ 10,214	\$ (10,214)
2.08.921.000	A&G	\$ 27,400	\$ -	\$ 27,400	\$ 15,629	\$ -	\$ 15,629	\$ 11,771
2.08.921.002	Office Supplies and Expenses	\$ 16,000	\$ -	\$ 16,000	\$ -	\$ -	\$ -	\$ 16,000
2.08.923.000	Outside Services	\$ 400,900	\$ -	\$ 400,900	\$ 173,768	\$ -	\$ 173,768	\$ 227,132
2.08.924.000	Insurance	\$ 310,300	\$ -	\$ 310,300	\$ 124,808	\$ -	\$ 124,808	\$ 185,492
2.08.928.000	License Compliance - Non Labor	\$ 218,800	\$ -	\$ 218,800	\$ 114,637	\$ -	\$ 114,637	\$ 104,163
Total O&M		\$ 2,304,874	\$ -	\$ 2,304,874	\$ 1,818,635	\$ -	\$ 1,818,635	\$ 486,239

**Cowlitz Falls Project
FY 2019**

<u>Account</u>	<u>Description</u>	<u>A/P Budget</u>	<u>Labor Budget</u>	<u>Total Budget</u>	<u>Actual A/P</u>	<u>Actual Labor</u>	<u>Actual Total</u>	<u>Remaining Budget</u>
	Special O&M							
2.00.242.200	Vacation & Holidays	\$ -	\$ 165,600	\$ 165,600	\$ -	\$ 110,575	\$ 110,575	\$ 55,025
2.00.330.010	CF - Land & Land Rights - Hydraulic, CWIP	\$ -	\$ -	\$ -	\$ 57,818	\$ -	\$ 57,818	\$ (57,818)
2.00.408.500	FICA & Medicare Taxes (Employer Portion)	\$ 102,000	\$ -	\$ 102,000	\$ 73,107	\$ -	\$ 73,107	\$ 28,893
2.00.416.000	Cost and Expense of Merchandising	\$ -	\$ 3,400	\$ 3,400	\$ -	\$ 851	\$ 851	\$ 2,549
2.00.925.100	Health, Welfare, Safety, 1st Aid - Labor	\$ -	\$ 11,400	\$ 11,400	\$ -	\$ 5,843	\$ 5,843	\$ 5,557
2.00.925.102	Health, Welfare, Safety - Non Labor	\$ 8,760	\$ -	\$ 8,760	\$ 3,816	\$ -	\$ 3,816	\$ 4,944
2.00.925.200	Safety Coordinator - Allocated	\$ -	\$ 40,700	\$ 40,700	\$ -	\$ 28,127	\$ 28,127	\$ 12,573
2.00.925.202	Safety Coordinator - Non Labor	\$ 2,000	\$ -	\$ 2,000	\$ 460	\$ -	\$ 460	\$ 1,540
2.00.926.000	Employee Pension and Benefits - SLB	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ 2,950	\$ 2,950	\$ 7,050
2.00.926.100	CF - Retiree/Cobra Med Ins - Premiums & Claims	\$ -	\$ -	\$ -	\$ 15	\$ -	\$ 15	\$ (15)
2.00.926.110	Sick Leave,Pension, Health & Life Insurance,L&I	\$ 515,046	\$ -	\$ 515,046	\$ 109,664	\$ -	\$ 109,664	\$ 405,382
2.00.926.200	PERS Employer	\$ -	\$ -	\$ -	\$ 121,362	\$ -	\$ 121,362	\$ (121,362)
2.00.926.300	CF Life Insurance	\$ -	\$ -	\$ -	\$ 2,682	\$ -	\$ 2,682	\$ (2,682)
2.00.926.400	CF L&I	\$ -	\$ -	\$ -	\$ 6,713	\$ -	\$ 6,713	\$ (6,713)
2.00.926.500	Washington Paid Family Medical Leave	\$ -	\$ -	\$ -	\$ 1,138	\$ -	\$ 1,138	\$ (1,138)
2.00.926.600	CF VEBA Cashout	\$ -	\$ 3,000	\$ 3,000	\$ -	\$ 3,137	\$ 3,137	\$ (137)
2.00.926.800	CF VEBA - Employer Contributions	\$ 12,800	\$ -	\$ 12,800	\$ 9,591	\$ -	\$ 9,591	\$ 3,209
2.09.535.000	SPCF- Engineering & Supervision	\$ -	\$ 147,500	\$ 147,500	\$ -	\$ 133,090	\$ 133,090	\$ 14,410
2.09.535.002	SPCF - Oper Sup, Eng - Hyd - Non Labor	\$ 5,400	\$ -	\$ 5,400	\$ 4,270	\$ -	\$ 4,270	\$ 1,130
2.09.537.000	SPCF - Hydraulic Expenses	\$ -	\$ 17,600	\$ 17,600	\$ -	\$ 13,653	\$ 13,653	\$ 3,947
2.09.537.010	SPCF - CFP Fish & Wildlife	\$ 3,000	\$ 58,900	\$ 61,900	\$ -	\$ 51,486	\$ 51,486	\$ 10,414
2.09.537.012	SPCF - Expense - Fish & Wildlife - Non Labor	\$ 4,500	\$ -	\$ 4,500	\$ 1,430	\$ -	\$ 1,430	\$ 3,070
2.09.537.020	SPCF - Recreation	\$ -	\$ -	\$ -	\$ -	\$ 2,095	\$ 2,095	\$ (2,095)
2.09.537.040	SPCF - Tacoma Support Services - Supervisory Labor	\$ -	\$ 1,300	\$ 1,300	\$ -	\$ 1,329	\$ 1,329	\$ (29)
2.09.537.041	SPCF - Tacoma Support Services - Labor	\$ -	\$ 1,300	\$ 1,300	\$ -	\$ 1,282	\$ 1,282	\$ 18
2.09.537.043	SPCF - Tacoma Support Services - Non Billable	\$ -	\$ 6,900	\$ 6,900	\$ -	\$ 872	\$ 872	\$ 6,028
2.09.537.060	SPCF - Endangered Species Act Requirements	\$ -	\$ 42,900	\$ 42,900	\$ -	\$ 36,029	\$ 36,029	\$ 6,871
2.09.537.062	SPCF - ESA Requirements - Non Labor	\$ 1,200	\$ -	\$ 1,200	\$ 575	\$ -	\$ 575	\$ 625
2.09.538.000	SPCF - Electric Expenses	\$ -	\$ 123,700	\$ 123,700	\$ 1,152	\$ 78,946	\$ 80,098	\$ 43,602
2.09.538.030	SPCF - Remote Operations	\$ -	\$ 49,900	\$ 49,900	\$ -	\$ 45,115	\$ 45,115	\$ 4,785
2.09.539.000	SPCF - Misc - Labor	\$ -	\$ 57,300	\$ 57,300	\$ -	\$ 61,739	\$ 61,739	\$ (4,439)
2.09.539.002	SPCF - Misc - Non Labor	\$ 18,700	\$ -	\$ 18,700	\$ 26,309	\$ -	\$ 26,309	\$ (7,609)
2.09.541.000	SPCF - Eng. & Supervision	\$ -	\$ 147,500	\$ 147,500	\$ -	\$ 116,828	\$ 116,828	\$ 30,672
2.09.541.002	SPCF - Supervision & Eng - Non Labor	\$ 5,000	\$ -	\$ 5,000	\$ 4,123	\$ -	\$ 4,123	\$ 878
2.09.542.000	SPCF - Structures - Labor	\$ -	\$ 21,500	\$ 21,500	\$ -	\$ 26,310	\$ 26,310	\$ (4,810)
2.09.542.002	SPCF - Structures - Non Labor	\$ 3,200	\$ -	\$ 3,200	\$ 880	\$ -	\$ 880	\$ 2,320

**Cowlitz Falls Project
FY 2019**

<u>Account</u>	<u>Description</u>	<u>A/P Budget</u>	<u>Labor Budget</u>	<u>Total Budget</u>	<u>Actual A/P</u>	<u>Actual Labor</u>	<u>Actual Total</u>	<u>Remaining Budget</u>
2.09.543.000	SPCF - Resv, Dams & Waterways - Labor	\$ -	\$ 46,400	\$ 46,400	\$ -	\$ 39,134	\$ 39,134	\$ 7,266
2.09.543.002	SPCF - Resv, Dams & Waterways - Non Labor	\$ 1,200	\$ -	\$ 1,200	\$ 750	\$ -	\$ 750	\$ 450
2.09.544.000	SPCF - Electric Plant - Labor	\$ -	\$ 52,400	\$ 52,400	\$ -	\$ 99,079	\$ 99,079	\$ (46,679)
2.09.545.000	SPCF - Maint. of Misc. Plant - Hydraulic	\$ -	\$ 125,800	\$ 125,800	\$ -	\$ 48,032	\$ 48,032	\$ 77,768
2.09.545.002	SPCF - Maint. of Misc. Plant - Hydraulic Non Labor	\$ -	\$ -	\$ -	\$ 200	\$ -	\$ 200	\$ (200)
2.09.545.012	SPCF - Maint of CFP Fish & Wildlife - Hyd Non Lab	\$ 2,000	\$ -	\$ 2,000	\$ 1,230	\$ -	\$ 1,230	\$ 770
2.09.545.020	SPCF - Maint Campgrounds - Hydraulic - Labor	\$ -	\$ 40,670	\$ 40,670	\$ -	\$ 102,230	\$ 102,230	\$ (61,560)
2.09.545.022	SPCF - Maint Campgrounds - Hydraulic - Non Labor	\$ 15,500	\$ -	\$ 15,500	\$ 8,455	\$ -	\$ 8,455	\$ 7,045
2.09.560.000	SPCF - Engineering - Transmission	\$ -	\$ -	\$ -	\$ -	\$ 4,718	\$ 4,718	\$ (4,718)
2.09.560.002	SPCF - Engineering - Transmission Non Labor	\$ -	\$ 40,000	\$ 40,000	\$ 360	\$ -	\$ 360	\$ 39,640
2.09.571.000	SPCF - Maint of Overhead Lines - Trans	\$ -	\$ -	\$ -	\$ -	\$ 32,777	\$ 32,777	\$ (32,777)
2.09.571.002	SPCF - Maint of Overhead Lines - Trans Non Labor	\$ -	\$ -	\$ -	\$ 4,753	\$ -	\$ 4,753	\$ (4,753)
2.09.920.000	SPCF - Administration & General Salaries	\$ -	\$ 352,200	\$ 352,200	\$ (1)	\$ 358,347	\$ 358,347	\$ (6,147)
2.09.920.002	SPCF - Administration & General Salaries Non Labor	\$ -	\$ -	\$ -	\$ 278	\$ -	\$ 278	\$ (278)
2.09.921.000	SPCF - Office Supplies and Expenses	\$ -	\$ -	\$ -	\$ 379	\$ -	\$ 379	\$ (379)
2.09.921.002	SPCF - Travel & Training	\$ 25,000	\$ 800	\$ 25,800	\$ 42,654	\$ 5	\$ 42,660	\$ (16,860)
2.09.928.000	License Compliance	\$ -	\$ 43,800	\$ 43,800	\$ -	\$ -	\$ -	\$ 43,800
2.09.928.002	WECC Compliance - Non Labor	\$ -	\$ -	\$ -	\$ (0)	\$ -	\$ (0)	\$ 0
	Total Special O&M	\$ 725,306	\$ 1,612,470	\$ 2,337,776	\$ 484,162	\$ 1,404,578	\$ 1,888,741	\$ 449,035
	Total O&M and Special O&M	\$ 3,030,180	\$ 1,612,470	\$ 4,642,650	\$ 2,302,797	\$ 1,404,578	\$ 3,707,375	\$ 935,275
					NET Working Capital		\$ 995,228	

**Cowlitz Falls Project
FY 2019**

Supplemental Information

(Included in accounts above)

Major Projects

		Description	Budget	Labor	FY 2019 Budget	Actual A/P	Actual Labor	Actual Total	Remaining	Budget
CF17-101	2.08.543.000	Sedimentation Study	\$ -	\$ -	\$ -	\$ 7,671	\$ -	\$ 7,671	\$	(7,671)
CF17-101	2.08.923.000	Sedimentation Study	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
CF16-099	2.08.543.000	Replacement of Project SCADA	\$ 365,000	\$ -	\$ 365,000	\$ 317,521	\$ -	\$ 317,521	\$	47,479
CF16-099	2.08.923.000	Replacement of Project SCADA	\$ -	\$ -	\$ -	\$ 28,968	\$ -	\$ 28,968	\$	(28,968)
CF16-098	2.08.545.000	Convert Engineering Drawings to AutoCAD Forr	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$	20,000
CF17-102	2.08.545.000	Day Use Park Riverbank Stabilization Study	\$ -	\$ -	\$ -	\$ 7,275	\$ -	\$ 7,275	\$	(7,275)
CF17-102	2.08.923.000	NW Hydraulics Consultants - Stabilization Study	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
CF17-109	2.08.543.000	Downstream Boat Ramp Design	\$ -	\$ -	\$ -	\$ 15,581	\$ -	\$ 15,581	\$	(15,581)
CF17-112	2.08.545.000	Cowlitz Falls Condition Assessment	\$ -	\$ -	\$ -	\$ 2,818	\$ -	\$ 2,818	\$	(2,818)
CF17-114	2.08.537.060	2018 Biop Studies	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$	-
CF18-117	2.08.537.060	USGS Cont Funds - 2018 BiOp	\$ -	\$ -	\$ -	\$ 1,134	\$ -	\$ 1,134	\$	(1,134)
CF18-118	2.08.537.060	WDFW Contract - Fish & Wildlife	\$ -	\$ -	\$ -	\$ 11,009	\$ -	\$ 11,009	\$	(11,009)
CF18-119	2.08.923.000	Radial Gate Analysis	\$ -	\$ -	\$ -	\$ 39,525	\$ -	\$ 39,525	\$	(39,525)
CF18-120	2.08.923.000	Radial Gate Inspection	\$ 69,350	\$ -	\$ 69,350	\$ 59,113	\$ -	\$ 59,113	\$	10,237
CF18-120	2.08.543.000	Radial Gate Inspection	\$ 25,650	\$ -	\$ 25,650	\$ 22,313	\$ -	\$ 22,313	\$	3,338
CF19-121	2.08.543.000	Pier 9 Concrete Repair	\$ 65,000	\$ -	\$ 65,000	\$ 2,268	\$ -	\$ 2,268	\$	62,732
CF19-122	2.08.539.000	Security Improvements	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$	15,000
CF19-123	2.08.543.000	Part 12 Consultant	\$ -	\$ -	\$ -	\$ 83,863	\$ -	\$ 83,863	\$	(83,863)
CF19-XXXX	2.08.545.020	Copper Canyon Creek Take Out Site Parking	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
CF19-XXXX	2.08.543.000	Spillway Gate Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
CF19-XXXX	2.08.543.000	Spillway Gate Seismic Study	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$	25,000
Total Major Projects			\$ 685,000	\$ -	\$ 685,000	\$ 699,058	\$ -	\$ 699,058	\$	(14,058)

Period	12														
Period Ending	09/30/19														
Account	O&M Description	October-18	November-18	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	Total	
2.00.236.200	Privilege Taxes					\$ 48,550.66								\$ 48,550.66	
2.00.236.700	CF - Taxes Accrues - Leasehold							\$ 270.61						\$ 270.61	
2.08.535.000	CF - Operation, Supervn, Engineer - Hydr (Labor)							\$ 1,918.54		\$ (1,918.54)				\$ -	
2.08.535.002	Supervision & Engineering - Non Labor									\$ 1,918.54			\$ 10,417.02	\$ 12,335.56	
2.08.537.000	Hydraulic Expenses													\$ -	
2.08.537.010	CFP-Fish & Wildlife	\$ 12.96	\$ 17,619.40		\$ 53.00	\$ 48.59		\$ 785.58	\$ 4,195.33	\$ 18,533.42	\$ 9,658.88	\$ 238.04	\$ 24,244.88	\$ 75,390.08	
2.08.537.020	Recreation	\$ 4,190.30	\$ 2,321.26	\$ 3,668.50	\$ 1,031.27	\$ 2,752.79	\$ 4,528.55	\$ 2,779.59	\$ 8,120.31	\$ 30,799.02	\$ 43,671.16	\$ 3,272.52	\$ 31,002.83	\$ 138,138.10	
2.08.537.042	CF-Tacoma Materials/3rd Party Costs (Non Labor)	\$ 50.00	\$ 20.00	\$ 5.00	\$ 5.00		\$ 5.00		\$ 5.00					\$ 90.00	
2.08.537.060	Endangered Species Act Requirements	\$ 100,000.00	\$ 378.00	\$ 42.65	\$ 4.32	\$ 9.81		\$ 155.51		\$ 880.41	\$ 5,504.64			\$ 106,975.34	
2.08.539.000	Misc Expenses	\$ 45,005.51	\$ 12,702.35	\$ 4,439.98	\$ 2,794.99	\$ 3,671.94	\$ 19,906.01	\$ 5,225.87	\$ 2,681.34	\$ 3,289.24	\$ 5,867.69	\$ 11,296.11	\$ 5,381.50	\$ 122,262.53	
2.08.543.000	Resv., Dams & Waterways	\$ 4,189.61	\$ 14,079.30	\$ 20,916.97	\$ 4,156.78	\$ 704.51	\$ 10,259.63	\$ 72,018.18	\$ 32,353.05	\$ 122,943.67	\$ 170,110.38	\$ 25,719.32	\$ 176,246.68	\$ 653,698.08	
2.08.543.002	Resv., Dams & Waterways - Non Labor			\$ 2,662.64										\$ 2,662.64	
2.08.544.000	Electric Plant	\$ 9,457.81	\$ 89.52	\$ 1,396.63	\$ 2,359.74	\$ 3,924.33			\$ 10,760.09	\$ 1,549.08	\$ 2,089.40	\$ 503.99	\$ 15,302.21	\$ 47,432.80	
2.08.545.000	Misc Hydraulic Plant	\$ 2,575.29	\$ 2,618.08	\$ 40,352.56	\$ 989.62	\$ 2,132.93	\$ 23,696.64	\$ 7,619.50	\$ 5,490.43	\$ 14,674.71	\$ 3,338.78	\$ 5,602.94	\$ 9,592.83	\$ 118,684.31	
2.08.545.020	Recreation - Maintenance of Campground	\$ 288.84	\$ 30.83	\$ 811.42	\$ 243.29	\$ 28.53	\$ 55.95	\$ 4,188.40	\$ 1,434.82	\$ 10,154.50	\$ 666.56	\$ 2,545.56	\$ 32,639.35	\$ 53,088.05	
2.08.545.030	BPA Fish Program													\$ -	
2.08.560.000	Transmission Line													\$ -	
2.08.571.002	Maint of Overhead Lines - Transmission												\$ 10,214.05	\$ 10,214.05	
2.08.921.000	A&G	\$ 275.94	\$ 2,390.25	\$ 4,256.87	\$ 703.74	\$ 1,337.25	\$ 2,166.50	\$ 1,192.99	\$ 16,160.26	\$ 4,437.59	\$ 343.33	\$ 273.03	\$ (17,908.73)	\$ 15,629.02	
2.08.921.002	Office Supplies and Expenses													\$ -	
2.08.923.000	Outside Services	\$ 9,578.59	\$ 69,508.67	\$ 15,219.72	\$ 12,546.12	\$ 23,399.61	\$ 40,861.88	\$ 25,493.03	\$ 15,787.15	\$ 4,681.61	\$ 5,633.06	\$ 2,304.00	\$ (51,245.59)	\$ 173,767.85	
2.08.924.000	Insurance		\$ 1,079.34		\$ 17,227.60					\$ 66,953.70	\$ 34,780.00		\$ 4,766.97	\$ 124,807.61	
2.08.928.000	License Compliance - Non Labor					\$ 38,726.00				\$ 59,687.43	\$ 16,223.87			\$ 114,637.30	
	Total O&M	\$ 175,652.62	\$ 122,837.00	\$ 93,772.94	\$ 42,115.47	\$ 125,286.95	\$ 101,480.16	\$ 121,647.80	\$ 96,960.01	\$ 278,896.95	\$ 341,351.31	\$ 67,979.38	\$ 250,654.00	\$ 1,818,634.59	
	Special O&M														
2.00.330.010	CF - Land & Land Rights - Hydraulic, CWIP	\$ 55,690.48	\$ 279.00	\$ 10.00		\$ 1,971.10		\$ (132.77)						\$ 57,817.81	
2.00.408.500	FICA & Medicare Taxes (Employer Portion)	\$ 5,051.34	\$ 6,978.32	\$ 7,124.50	\$ 2,062.93	\$ 4,781.15	\$ 5,237.17	\$ 5,288.13	\$ 7,730.47	\$ 6,318.39	\$ 6,575.79	\$ 7,766.00	\$ 8,193.29	\$ 73,107.48	
2.00.925.100	Health, Welfare, Safety, 1st Aid - Labor			\$ (53.98)										\$ (53.98)	
2.00.925.102	Health, Welfare, Safety - Non Labor	\$ 30.00	\$ 2,235.60	\$ 45.14	\$ 30.00	\$ 112.94	\$ 20.00	\$ 954.00	\$ 30.00	\$ 10.00	\$ 198.35		\$ 150.00	\$ 3,816.03	
2.00.925.202	Safety Coordinator - Non Labor	\$ 40.00	\$ 160.00	\$ 95.00	\$ 60.00	\$ 45.00	\$ 60.00							\$ 460.00	
2.00.926.000	Employee Pension and Benefits - SLB											\$ 159.76		\$ 159.76	
2.00.926.100	CF - Retiree/Cobra Med Ins - Premiums & Claims	\$ (220.85)			\$ 72.31		\$ 13.02	\$ 76.37	\$ 73.78					\$ 14.63	
2.00.926.110	Sick Leave,Pension, Health & Life Insurance,L&I	\$ 5,147.17	\$ 4,255.09	\$ 15,708.01	\$ 16,723.26	\$ 5,611.83	\$ 610.65	\$ 11,794.43	\$ 6,765.15	\$ 6,686.82	\$ 11,396.31	\$ 20,126.58	\$ 4,838.65	\$ 109,663.95	
2.00.926.200	PERS Employer	\$ 8,636.02	\$ 12,649.83	\$ 13,331.04	\$ 3,629.86	\$ 8,292.03	\$ 9,064.14	\$ 9,151.37	\$ 13,067.44	\$ 10,248.86	\$ 10,968.15	\$ 10,680.06	\$ 11,642.99	\$ 121,361.79	
2.00.926.300	CF Life Insurance	\$ 196.77	\$ 196.77	\$ 164.47	\$ 145.38	\$ 229.44	\$ 229.44	\$ 393.92	\$ 229.44		\$ 245.68	\$ 326.62	\$ 324.02	\$ 2,681.95	
2.00.926.400	CF L&I			\$ 2,317.39			\$ 1,796.85		\$ 2,905.79	\$ 0.08	\$ (4,566.98)	\$ 4,260.18		\$ 6,713.31	
2.00.926.500	WA Paid Family Medical Leave				\$ 99.91	\$ 94.99	\$ 103.84	\$ 104.85	\$ 153.02	\$ 125.17	\$ 144.06	\$ 144.71	\$ 167.11	\$ 1,137.66	
2.00.926.800	CF VEBA - Employer Contributions	\$ 682.76	\$ 974.47	\$ 1,039.05	\$ 282.92	\$ 646.29	\$ 706.49	\$ 713.29	\$ 1,018.52	\$ 798.81	\$ 855.73	\$ 830.52	\$ 1,042.13	\$ 9,590.98	
2.09.535.000	SPCF- Engineering & Supervision			\$ 469.34	\$ (469.34)									\$ -	
2.09.535.002	SPCF - Oper Sup, Eng - Hyd - Non Labor	\$ 385.00	\$ 672.50	\$ 467.50	\$ 380.00	\$ 433.75	\$ 578.75	\$ 390.00	\$ 567.50	\$ 395.00				\$ 4,270.00	
2.09.537.012	SPCF - Expense - Fish & Wildlife - Non Labor	\$ 120.00	\$ 340.00	\$ 100.00	\$ 115.00	\$ 120.00	\$ 170.00	\$ 40.00	\$ 100.00	\$ 325.00				\$ 1,430.00	
2.09.537.062	SPCF - ESA Requirements - Non Labor	\$ 40.00	\$ 60.00	\$ 10.00	\$ 35.00	\$ 40.00	\$ 20.00	\$ 120.00	\$ 70.00					\$ 575.00	
2.09.538.000	SPCF - Electric Expenses			\$ 442.61	\$ (442.61)				\$ 1,151.76					\$ 1,151.76	
2.09.539.000	SPCF - Misc - Labor			\$ 274.73	\$ (174.73)			\$ (100.00)	\$ 143.97					\$ 143.97	
2.09.539.002	SPCF - Misc - Non Labor				\$ 187.79			\$ 2,254.73	\$ 2,207.23	\$ 8,814.70	\$ 1,979.93	\$ 2,917.01	\$ 7,948.05	\$ 26,309.44	
2.09.541.002	SPCF - Supervision & Eng - Non Labor	\$ 375.00	\$ 585.00	\$ 412.50	\$ 375.00	\$ 433.75	\$ 583.75	\$ 390.00	\$ 572.50	\$ 395.00				\$ 4,122.50	
2.09.542.002	SPCF - Structures - Non Labor	\$ 59.30	\$ 63.16				\$ 241.62		\$ 173.09	\$ 29.11	\$ 104.08	\$ 36.64	\$ 173.15	\$ 880.15	
2.09.543.002	SPCF - Resv, Dams & Waterways - Non Labor	\$ 360.00	\$ 110.00			\$ 160.00	\$ 100.00		\$ 20.00					\$ 750.00	
2.09.545.002	SPCF - Maint. of Misc. Plant - Hydraulic Non Labor					\$ 160.00				\$ 40.00				\$ 200.00	
2.09.545.012	SPCF - Maint of CFP Fish & Wildlife - Hyd Non Lab	\$ 80.00	\$ 500.00	\$ 160.00	\$ 220.00	\$ 20.00	\$ 250.00							\$ 1,230.00	
2.09.545.022	SPCF - Maint Campgrounds - Hydraulic - Non Labor	\$ 980.00	\$ 890.00	\$ 945.00	\$ 660.00	\$ 500.00	\$ 870.00	\$ 1,320.00	\$ 1,730.00	\$ 560.00				\$ 8,455.00	
2.09.560.002	SPCF - Engineering - Transmission Non Labor				\$ 360.00									\$ 360.00	
2.09.571.002	SPCF - Maint of Overhead Lines - Trans Non Labor							\$ 715.00	\$ 3,517.50		\$ 160.00	\$ 360.00		\$ 4,752.50	
2.09.920.000	SPCF - Administration & General Salaries	\$ (25.27)	\$ (0.33)	\$ 846.41	\$ (846.93)	\$ (0.22)	\$ (0.33)	\$ (0.39)	\$ (0.43)	\$ (0.17)	\$ (0.10)	\$ (0.12)	\$ (0.19)	\$ (28.07)	
2.09.920.002	SPCF - Administration & General Salaries Non Labor	\$ 80.00	\$ 17.50		\$ 20.00	\$ 40.00	\$ 80.00		\$ 40.00					\$ 277.50	
2.09.921.000	SPCF - Office Supplies and Expenses								\$ 290.48	\$ 88.55				\$ 379.03	
2.09.921.002	SPCF - Travel & Training	\$ 4,826.65	\$ 1,990.77	\$ 595.58	\$ 6,555.62	\$ 1,943.80	\$ 3,153.39	\$ 2,282.35	\$ 5,212.92	\$ 8,003.99	\$ 3,222.86	\$ 3,160.11	\$ 1,706.40	\$ 42,654.44	
2.09.928.002	WECC Compliance - Non Labor	\$ 4,444.67	\$ 4,444.67	\$ 4,444.67	\$ 4,444.67	\$ -	\$ 4,444.67	\$ 4,444.67	\$ 4,444.67	\$ 4,444.67	\$ 4,444.66	\$ 4,444.67	\$ (44,446.70)	\$ (0.01)	
	Total Special O&M	\$ 86,979.04	\$ 37,402.35	\$ 50,565.93	\$ 32,909.07	\$ 25,635.85	\$ 28,333.45	\$ 40,199.95	\$ 49,128.53	\$ 50,461.62	\$ 40,384.13	\$ 46,385.58	\$ (4,000.92)	\$ 484,384.58	

Payroll

Period Ending 09/30/19

Account	O&M Description	October-18	November-18	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	Total
2.08.535.000	CF - Operation, Supervsn, Engineer - Hydr (Labo	\$ 1,061.76											\$ (1,061.76)	\$ -
2.08.560.000	Transmission Line									\$ 1,285.83	\$ 1,071.51	\$ 857.20	\$ 857.20	\$ 4,071.74
2.08.571.002	Maint of Overhead Lines - Transmission													\$ -
2.08.921.000	A&G													\$ -
2.08.921.002	Office Supplies and Expenses													\$ -
2.08.923.000	Outside Services													\$ -
2.08.924.000	Insurance													\$ -
2.08.928.000	License Compliance - Non Labor													\$ -
	Total O&M	\$ 1,061.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,285.83	\$ 1,071.51	\$ 857.20	\$ (204.56)	\$ 4,071.74
	Special O&M													
2.00.242.200	Vacation & Holidays	\$ 2,723.43	\$ 13,215.29	\$ 12,518.43	\$ 8,728.63	\$ 7,491.24	\$ 4,682.06	\$ 1,245.88	\$ 10,441.71	\$ 11,237.17	\$ 11,448.84	\$ 21,791.04	\$ 5,050.99	\$ 110,574.71
2.00.416.000	Cost and Expense of Merchandising			\$ 419.28					\$ 431.92					\$ 851.20
2.00.925.100	Health, Welfare, Safety, 1st Aid - Labor	\$ 754.96	\$ 1,091.36	\$ 186.70	\$ 500.96	\$ 525.07	\$ 93.18	\$ 291.93	\$ 453.66	\$ 433.98	\$ 433.98	\$ 764.94	\$ 366.00	\$ 5,896.72
2.00.925.200	Safety Coordinator - Allocated	\$ 5,344.95	\$ 4,685.57	\$ 2,301.32	\$ 2,088.23	\$ 1,747.31	\$ 1,662.07	\$ 298.32			\$ 3,149.36	\$ 2,519.44	\$ 4,330.35	\$ 28,126.92
2.00.926.000	Employee Pension and Benefits - SLB		\$ 1,048.20		\$ 246.00			\$ 512.91	\$ 323.94		\$ 337.84	\$ 321.73		\$ 2,790.62
2.00.926.600	CF VEBA Cashout									\$ 182.86		\$ 2,954.24		\$ 3,137.10
2.09.535.000	SPCF- Engineering & Supervision	\$ 9,265.33	\$ 14,807.89	\$ 10,424.27	\$ 8,769.48	\$ 8,239.20	\$ 8,668.24	\$ 8,307.34	\$ 14,988.79	\$ 11,596.61	\$ 10,090.38	\$ 13,249.06	\$ 14,682.92	\$ 133,089.51
2.09.537.000	SPCF - Hydraulic Expenses	\$ 1,560.77	\$ 2,329.51	\$ 419.31	\$ 186.36	\$ 605.67	\$ 4,520.06	\$ 2,207.54	\$ 959.80		\$ 287.94		\$ 575.88	\$ 13,652.84
2.09.537.010	SPCF - CFP Fish & Wildlife	\$ 4,212.35	\$ 8,077.18	\$ 2,329.35	\$ 5,071.40	\$ 2,982.80	\$ 4,989.40	\$ 2,532.70	\$ 8,435.86	\$ 3,935.91	\$ 2,997.71	\$ 2,843.60	\$ 3,077.82	\$ 51,486.08
2.09.537.020	SPCF - Recreation						\$ 615.00					\$ 1,480.33		\$ 2,095.33
2.09.537.040	SPCF - Tacoma Support Services - Supervisory I	\$ 530.88	\$ 265.44	\$ 66.36	\$ 66.36	\$ 66.36		\$ 66.36			\$ 67.02	\$ 67.02	\$ 132.72	\$ 1,328.52
2.09.537.041	SPCF - Tacoma Support Services - Labor						\$ 80.99	\$ 182.97	\$ 53.99	\$ 107.98	\$ 749.88	\$ 53.99	\$ 52.41	\$ 1,282.21
2.09.537.043	SPCF - Tacoma Support Services - Non Billable							\$ 191.96	\$ 95.98	\$ 47.99	\$ 47.99	\$ 143.97	\$ 343.73	\$ 871.62
2.09.537.060	SPCF - Endangered Species Act Requirements	\$ 1,552.30	\$ 2,982.05	\$ 2,205.90	\$ 2,614.40	\$ 3,186.30	\$ 1,879.10	\$ 4,003.30	\$ 4,106.92	\$ 2,702.08	\$ 3,630.92	\$ 3,630.92	\$ 3,535.27	\$ 36,029.46
2.09.538.000	SPCF - Electric Expenses	\$ 6,895.13	\$ 7,908.39	\$ 6,778.70	\$ 4,752.03	\$ 8,359.79	\$ 5,444.70	\$ 4,376.14	\$ 13,647.23	\$ 6,052.79	\$ 5,287.96	\$ 5,110.95	\$ 4,332.24	\$ 78,946.05
2.09.538.030	SPCF - Remote Operations	\$ 3,191.34	\$ 4,455.06	\$ 2,935.08	\$ 2,655.57	\$ 3,028.26	\$ 2,961.80	\$ 2,879.42	\$ 4,355.13	\$ 5,530.87	\$ 4,019.20	\$ 4,091.17	\$ 5,012.44	\$ 45,115.34
2.09.539.000	SPCF - Misc - Labor	\$ 4,229.66	\$ 4,347.11	\$ 2,392.31	\$ 5,447.38	\$ 8,830.23	\$ 3,758.99	\$ 3,813.52	\$ 12,510.59	\$ 7,471.22	\$ 2,894.78	\$ 2,252.96	\$ 3,646.35	\$ 61,595.10
2.09.541.000	SPCF - Eng. & Supervision	\$ 7,159.80	\$ 11,737.58	\$ 7,252.17	\$ 7,823.48	\$ 8,437.92	\$ 8,668.24	\$ 8,240.98	\$ 14,988.79	\$ 11,596.61	\$ 9,841.32	\$ 12,975.84	\$ 8,104.84	\$ 116,827.57
2.09.542.000	SPCF - Structures - Labor	\$ 885.18	\$ 2,282.79	\$ 1,560.68	\$ 3,657.29	\$ 2,888.55	\$ 2,143.08	\$ 3,860.26	\$ 1,631.68	\$ 1,007.80	\$ 1,151.78	\$ 2,785.76	\$ 2,454.67	\$ 26,309.52
2.09.543.000	SPCF - Resv, Dams & Waterways - Labor	\$ 1,966.36	\$ 3,148.34	\$ 1,662.72	\$ 2,202.78	\$ 3,020.16	\$ 11,067.20	\$ 3,012.24	\$ 927.19	\$ 740.98	\$ 211.15	\$ 6,477.70	\$ 4,697.50	\$ 39,134.32
2.09.544.000	SPCF - Electric Plant - Labor	\$ 11,189.97	\$ 10,380.58	\$ 8,793.71	\$ 3,447.54	\$ 3,168.13	\$ 2,538.48	\$ 2,159.55	\$ 3,119.36	\$ 12,066.59	\$ 19,682.03	\$ 12,636.46	\$ 9,896.70	\$ 99,079.10
2.09.545.000	SPCF - Maint. of Misc. Plant - Hydraulic	\$ 419.28	\$ 3,080.66	\$ 3,400.92	\$ 3,010.83	\$ 2,620.50	\$ 4,370.52	\$ 5,260.98	\$ 11,037.84	\$ 5,880.65	\$ 2,051.62	\$ 3,521.33	\$ 3,377.27	\$ 48,032.40
2.09.545.020	SPCF - Maint Campgrounds - Hydraulic - Labor	\$ 4,346.00	\$ 5,409.66	\$ 3,300.50	\$ 2,471.18	\$ 2,952.00	\$ 1,353.00	\$ 7,511.24	\$ 18,801.46	\$ 16,338.70	\$ 17,629.37	\$ 13,870.07	\$ 8,246.33	\$ 102,229.51
2.09.560.000	SPCF - Engineering - Transmission						\$ 645.93							\$ 645.93
2.09.571.000	SPCF - Maint of Overhead Lines - Trans							\$ 5,912.19	\$ 23,193.94		\$ 1,296.50	\$ 2,373.91		\$ 32,776.54
2.09.920.000	SPCF - Administration & General Salaries	\$ 29,197.92	\$ 41,140.21	\$ 25,198.39	\$ 22,234.64	\$ 23,577.94	\$ 23,303.22	\$ 25,675.26	\$ 38,549.30	\$ 31,300.12	\$ 31,714.22	\$ 32,508.16	\$ 33,975.28	\$ 358,374.66
2.09.921.002	SPCF - Travel & Training					\$ 5.41								\$ 5.41
	Total Special O&M	\$ 95,425.61	\$ 142,392.87	\$ 94,146.10	\$ 85,974.54	\$ 91,732.84	\$ 93,445.26	\$ 92,542.99	\$ 183,055.08	\$ 128,230.91	\$ 129,021.79	\$ 148,424.59	\$ 115,891.71	\$ 1,400,284.29
	Total O&M and Special O&M	\$ 96,487.37	\$ 142,392.87	\$ 94,146.10	\$ 85,974.54	\$ 91,732.84	\$ 93,445.26	\$ 92,542.99	\$ 183,055.08	\$ 129,516.74	\$ 130,093.30	\$ 149,281.79	\$ 115,687.15	\$ 1,404,356.03

Period Ending 09/30/19

Cash basis for Project Reimbursements and Interest Income.

	October-18	November-18	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	Total
Project Reimbursements													
2.00.456.200 Project Reimbursements from BPA	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$ 368,510.00	\$4,422,120.00
2.00.419.000 Interest Income	\$ 336.22	\$ 307.91	\$ 304.86	\$ 315.81	\$ 291.78	\$ 329.65	\$ 325.20	\$ 341.13	\$ 333.03	\$ 337.68	\$ 330.34	\$ 320.19	\$3,873.80
2.00.417.000 Campground Rental Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,036.42	\$ 23,000.86	\$ 31,304.29	\$ 5,041.11	\$73,382.68
2.00.417.010 Campground Rev Subject to Sales Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 424.86	\$ 1,979.59	\$ 2,056.59	\$ 840.45	\$5,301.49
2.00.417.020 Campground Rev Subject to Svc B&O	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 994.00	\$ -	\$ 875.00	\$ -	\$1,869.00
2.00.417.100 Campground Merchant Service Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (695.58)	\$ (162.33)	\$ (502.15)	(\$1,360.06)
2.00.454.100 Campground Revenue	\$ -	\$ -	\$ 415.87	\$ -	\$ -	\$ -	\$ -	\$ 1,013.66	\$ (1,013.66)	\$ -	\$ -	\$ -	\$415.87
Carry Over	\$ 197,000.00												\$197,000.00
Total Reimbursements	\$ 565,846.22	\$ 368,817.91	\$ 369,230.73	\$ 368,825.81	\$ 368,801.78	\$ 368,839.65	\$ 368,835.20	\$ 369,864.79	\$ 383,284.65	\$ 393,132.55	\$ 402,913.89	\$ 374,209.60	\$4,702,602.78

From: Brad Ford
Sent: Mon Sep 28 17:18:01 2020
To: Carlson,Debbie (BPA) - PGAC-RICHLAND
Subject: [EXTERNAL] RE: **EXTERNAL EMAIL** budget
Importance: Normal
Attachments: 2021 CFP Budget GL Detail.pdf

Microsoft Exchange Server;converted from html;
Hi Debbie,

Please let me know if the attached is what you were looking for – thanks.
Brad

From: Carlson,Debbie (BPA) - PGAC-RICHLAND
Sent: Friday, September 25, 2020 10:53 AM
To: Brad Ford
Subject: **EXTERNAL EMAIL** budget

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 Brad –

As you know last year Lewis changed up how the budget presentation looked. I truly liked the old one better, but the new look is okay; however, when Chris sent out Lewis’ proposed FY 2021 CFP Budget it looked different than the FY 2020 one. Sorry, but I truly do not like the new look and am asking Lewis go back to the way the budget looked in FY 2020. In particular there are no GL accounting codes and I really use them a lot.

Thanks for the consideration on the change.....

debbie

Brad Ford
Chief Financial Officer | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 740-2417 | e: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.

2021 CFP-GL Detail				2021
O&M	A&G	Bank Fees	2-08-921-000	\$ 1,000
	A&G	Communications Fiber - User Fee	2-08-921-000	\$ 6,500
	A&G	Licenses & Permits	2-08-921-000	\$ 6,400
	Electric Plant - Generation	230 kV Circuit Breaker Maintenance	2-08-544-000	\$ 45,000
	Electric Plant - Generation	AVR Testing	2-08-544-000	\$ 60,000
	Electric Plant - Generation	Cooling Water Valves	2-08-544-000	\$ 8,000
	Electric Plant - Generation	Electrical Contractors	2-08-544-000	\$ 45,000
	Electric Plant - Generation	Electrical Parts	2-08-544-000	\$ 14,000
	Electric Plant - Generation	Generator Parameter Validation Testing	2-08-544-000	\$ 160,000
	Electric Plant - Generation	Instrumentation Parts	2-08-544-000	\$ 10,000
	Electric Plant - Generation	Maintenance Supplies for Electric Plant	2-08-544-000	\$ 5,400
	Electric Plant - Generation	Mechanical Contractors	2-08-544-000	\$ 45,000
	Electric Plant - Generation	Mechanical Parts	2-08-544-000	\$ 14,000
	Electric Plant - Generation	Transformer Oil Processing & Testing	2-08-544-000	\$ 1,000
	Electric Plant - Generation	Turbine Maintenance Seals	2-08-544-000	\$ 50,000
	Fish & Wildlife	Creel Study	2-08-537-010	\$ 18,000
	Fish & Wildlife	Fish & Wildlife Contract Services (RTL Consulting)	2-08-537-010	\$ 10,000
	Fish & Wildlife	Habitat Management; Fertilizer, Spraying, Plants	2-08-537-010	\$ 8,700
	Fish & Wildlife	Kid's Trout Derby	2-08-537-010	\$ 5,200
	Fish & Wildlife	Mitigation Trout Program	2-08-537-010	\$ 43,000
	Fish & Wildlife	Noxious Weed Control Contractor	2-08-537-010	\$ 9,000
	Fish & Wildlife - ESA Requirements	Habitat & Fish Recovery Services (WDFW)	2-08-537-060	\$ 10,000
	Insurance	Excess Liability Insurance	2-08-924-000	\$ 19,000
	Insurance	Liability Insurance	2-08-924-000	\$ 10,000
	Insurance	Other	2-08-924-000	\$ 3,000
	Insurance	Property Insurance	2-08-924-000	\$ 170,000
	License Compliance	FERC Fixed Fees	2-08-928-000	\$ 65,000
	License Compliance	Port Blakely Easement	2-08-928-000	\$ 17,500
	License Compliance	USGS Gauging Station Fees	2-08-928-000	\$ 40,600
	Misc Expenses	CEATI Membership	2-08-539-000	\$ 36,000
	Misc Expenses	CEATI Projects	2-08-539-000	\$ 15,000
	Misc Expenses	CF Project Telephones	2-08-539-000	\$ 7,000
	Misc Expenses	CFP Cell Phones	2-08-539-000	\$ 1,600
	Misc Expenses	Electric Utilities - Secondary Power Feed	2-08-539-000	\$ 11,200
	Misc Expenses	Garbage Service	2-08-539-000	\$ 2,300
	Misc Expenses	NWHA Membership	2-08-539-000	\$ 800
	Misc Expenses	Operator Remote SCADA Communications	2-08-539-000	\$ 8,000
	Misc Expenses	Radio / Pager System Improvements	2-08-539-000	\$ 25,000
	Misc Expenses	Security Assessment	2-08-539-000	\$ 85,000
	Misc Expenses	Security/Plant Locks	2-08-539-000	\$ 1,500
	Misc Expenses	Shelving & Furniture	2-08-539-000	\$ 2,000
	Misc Expenses	Subscriptions, Prints, Copies and Maps	2-08-539-000	\$ 2,200
	Misc Hydraulic Plant	Buffer Zone Management	2-08-545-000	\$ 2,000
	Misc Hydraulic Plant	Computer Software	2-08-545-000	\$ 2,000
	Misc Hydraulic Plant	Contract Crane Inspections	2-08-545-000	\$ 12,600
	Misc Hydraulic Plant	Convert Engineering Drawings to AutoCAD	2-08-545-000	\$ 20,000
	Misc Hydraulic Plant	Drainage System	2-08-545-000	\$ 3,000
	Misc Hydraulic Plant	HVAC	2-08-545-000	\$ 3,200
	Misc Hydraulic Plant	Inspections	2-08-545-000	\$ 2,200
	Misc Hydraulic Plant	Plant Lighting	2-08-545-000	\$ 1,000
	Misc Hydraulic Plant	Plant Water Wells & Testing	2-08-545-000	\$ 1,200
	Misc Hydraulic Plant	Safety Improvements	2-08-545-000	\$ 5,000
	Misc Hydraulic Plant	Smoke Detectors & Fire Water Systems	2-08-545-000	\$ 2,600
	Misc Hydraulic Plant	Structure Maintenance; Concrete, Fencing	2-08-545-000	\$ 20,000
	Misc Hydraulic Plant	Temporary Offices	2-08-545-000	\$ 200,000
	Misc Hydraulic Plant	Tools & Equipment	2-08-545-000	\$ 15,000
	Professional Services	Auditing	2-08-923-000	\$ 20,900
	Recreation	Advertising	2-08-537-020	\$ 3,000
	Recreation	Building Maintenance	2-08-545-020	\$ 3,200
	Recreation	Campground Hosts	2-08-537-020	\$ 115,400
	Recreation	Campground Internet	2-08-537-020	\$ 3,000
	Recreation	Campground Reservation Software	2-08-537-020	\$ 5,000
	Recreation	Campground Telephone	2-08-537-020	\$ 1,300

				2021
O&M	Recreation	Contract Septic and Water Services	2-08-537-020	\$ 25,000
	Recreation	Contract Services (Backhoe, Gravel)	2-08-545-020	\$ 7,000
	Recreation	Contract Services (Dock Installation and Removal)	2-08-545-020	\$ 2,500
	Recreation	Copper Creek Take Out Site Parking	2-08-545-020	\$ 75,000
	Recreation	Electric Utilities	2-08-537-020	\$ 6,200
	Recreation	Garbage Service	2-08-537-020	\$ 6,200
	Recreation	Ground Maintenance	2-08-545-020	\$ 3,200
	Recreation	Noxious Weed Control	2-08-545-020	\$ 5,000
	Recreation	Open/Close Packwood Gate	2-08-545-020	\$ 2,600
	Recreation	Operation Supplies	2-08-537-020	\$ 2,200
	Recreation	Park Equipment Repairs	2-08-545-020	\$ 3,200
	Recreation	Portable Restrooms	2-08-537-020	\$ 2,200
	Recreation	Potable Water and Septic System Testing	2-08-537-020	\$ 2,000
	Recreation	Repairs & Supplies	2-08-537-020	\$ 9,000
	Recreation	Sewer & Water System Maintenance	2-08-545-020	\$ 6,400
	Recreation	Sign Replacements	2-08-545-020	\$ 2,200
	Recreation	Tools & Equipment	2-08-545-020	\$ 3,000
	Resv., Dams & Waterways	1D Sediment Transport Study	2-08-543-000	\$ 100,000
	Resv., Dams & Waterways	Contract Diesel Generator Maintenance	2-08-543-000	\$ 10,000
	Resv., Dams & Waterways	Contract Maintenance Elevator	2-08-543-000	\$ 15,000
	Resv., Dams & Waterways	Contract Operators	2-08-543-000	\$ 70,000
	Resv., Dams & Waterways	Dam Instrumentation	2-08-543-000	\$ 6,000
	Resv., Dams & Waterways	Debris Barrier Coating & Cathodic Protection - Design	2-08-543-000	\$ 160,000
	Resv., Dams & Waterways	Debris Barrier Corrosion Inhibitor	2-08-543-000	\$ 10,000
	Resv., Dams & Waterways	Debris Barrier Parts	2-08-543-000	\$ 1,000
	Resv., Dams & Waterways	Debris Removal	2-08-543-000	\$ 6,000
	Resv., Dams & Waterways	Diving Services	2-08-543-000	\$ 12,500
	Resv., Dams & Waterways	Equipment Rental	2-08-543-000	\$ 30,800
	Resv., Dams & Waterways	Governor	2-08-543-000	\$ 4,000
	Resv., Dams & Waterways	Governor 3D CAM	2-08-543-000	\$ 40,000
	Resv., Dams & Waterways	Log Bronc Maintenance	2-08-543-000	\$ 1,000
	Resv., Dams & Waterways	Mechanical & Piping	2-08-543-000	\$ 9,000
	Resv., Dams & Waterways	Metal	2-08-543-000	\$ 12,000
	Resv., Dams & Waterways	Painting & Special Coatings	2-08-543-000	\$ 3,200
	Resv., Dams & Waterways	SCADA Support	2-08-543-000	\$ 50,000
	Resv., Dams & Waterways	Seismic Study	2-08-543-000	\$ 100,000
	Resv., Dams & Waterways	Spillway Gates	2-08-543-000	\$ 5,000
	Resv., Dams & Waterways	Turbidity Sensor Communication	2-08-543-000	\$ 1,000
	Structures	Consumable Janitorial Supplies	2-09-542-002	\$ 1,300
	Supervision & Engineering	FERC Dam Movement Survey	2-08-535-002	\$ 8,400
	Supervision & Engineering	Sedimentation Survey	2-08-535-002	\$ 5,200
	Supplies & Expenses	Consumable First Aid Supplies	2-09-539-002	\$ 3,200
	Supplies & Expenses	Consumable Safety Supplies & PPE	2-09-539-002	\$ 5,400
	Supplies & Expenses	Fall Protection Equipment	2-09-539-002	\$ 1,500
	Supplies & Expenses	FR Clothing	2-09-539-002	\$ 8,000
	Supplies & Expenses	Rope Access Gear	2-09-539-002	\$ 1,500
	Supplies & Expenses	Small Tools	2-09-539-002	\$ 2,500
	Taxes - County	County Taxes	2-08-921-000	\$ 700
	Taxes - Ecology	Ecology Water Tax	2-08-539-000	\$ 7,500
	TAXES - PRIVILEGE	Privilege Tax	2-00-408-200	\$ 56,900
	Transmission Maintenance	ROW Maintenance	2-08-571-002	\$ 60,000
	Transmission Maintenance	Transmission Line Corridor Planting	2-08-571-002	\$ 10,000
OR&R	Electric Plant - Generation	5-Ton Bridge Crane	2-08-544-000	\$ 500,000
	Electric Plant - Generation	Generator Hatch Cover Seals & Drains	2-08-544-000	\$ 120,000
	Fish & Wildlife	Alternative Fishing Derby Site Development	2-08-537-010	\$ 50,000
	Labor - CFP	Wages - Capitalized	2-00-926-999	\$ 200,000
	Misc Expenses	Communications (Radios, etc)	2-08-539-000	\$ 5,900
	Misc Expenses	Server/Cameras/Office Machines/Computers	2-08-539-000	\$ 5,400
	Misc Hydraulic Plant	Control Room / Office Area Repairs	2-08-545-000	\$ 40,000
	Misc Hydraulic Plant	New Facility - Analysis/Design/Site Testing	2-08-545-000	\$ 45,000
	Misc Hydraulic Plant	Spillway Handrail & Guardrail	2-08-545-000	\$ 140,000
	Resv., Dams & Waterways	Service Air Compressor	2-08-543-000	\$ 1,000
	Resv., Dams & Waterways	Sluice Gate Replacement - CFD & Physical Model Design	2-08-543-000	\$ 330,000
	Resv., Dams & Waterways	Sonar & Turbidity Sensors	2-08-543-000	\$ 150,000

				2021
OR&R	Resv., Dams & Waterways	Spillway 4 Rail Extension - Alternative Analysis	2-08-543-000	\$ 45,000
REV	DEBT - 2021 CFP INTERCOMPANY PROCEEDS	2021 Intercompany Proceeds	2-00-419-200	\$ (1,632,300)
	Project Reimbursement / Revenue	BPA Project Reimbursement	2-00-456-200	\$ (6,565,200)
	Project Reimbursement / Revenue	Campground Revenue	2-00-417-000	\$ (75,000)
	Project Reimbursement / Revenue	Interest Income	2-00-419-000	\$ (4,000)
	Transmission Wheeling	Transmission Wheeling - Rev Entry	2-00-456-999	\$ (746,000)
Special O&M	A&G	A&G Exhibit F	2-08-921-000	\$ 537,700
	A&G	Misc	2-08-921-000	\$ 5,400
	A&G	Office Supplies	2-08-921-000	\$ 9,000
	DEBT - 2021 CFP INTERCOMPANY FUND	2021 CFP Intercompany - Interest	2-00-427-030	\$ 45,000
	DEBT - 2021 CFP INTERCOMPANY FUND	2021 CFP Intercompany - Principal	2-00-125-050	\$ 61,700
	Health, Welfare, Safety	Confined Space Training	2-00-925-102	\$ 8,000
	Health, Welfare, Safety	Rope Access Training	2-00-925-102	\$ 8,000
	Labor - CFP	OT Benefits	2-00-926-999	\$ 7,000
	Labor - CFP	OT TAXES	2-00-926-999	\$ 4,000
	Labor - CFP	OT WAGES	2-00-926-999	\$ 52,000
	Labor - CFP	Standby Pay	2-00-926-999	\$ 37,100
	Labor - CFP	Wages	2-00-926-999	\$ 1,312,500
	Labor - CFP	Wages - Capitalized	2-00-926-999	\$ (200,000)
	Labor - CFP - Cobra	Retiree/COBRA Med Ins - Premiums & Claims	2-00-926-100	\$ 20,000
	Labor - CFP - Flu Shots	Flu Shot Clinics	2-00-926-140	\$ 400
	Labor - CFP - L&I	L&I - Employer	2-00-926-400	\$ 16,200
	Labor - CFP - Long Term Disability	Long Term Disability	2-00-926-300	\$ 3,200
	Labor - CFP - Medical Insurance	Employee Medical Insurance	2-00-926-110	\$ 411,400
	Labor - CFP - Misc Pension & Benefits	Misc Pension & Benefits, CDL, Medical Exam, etc	2-00-926-000	\$ 5,000
	Labor - CFP - Paid Family Leave	Paid Family Leave Benefit	2-00-926-500	\$ 2,100
	Labor - CFP - PCORI	PCORI ACA Requirement	2-00-926-120	\$ 100
	Labor - CFP - PERS	Employer PERS	2-00-926-200	\$ 131,400
	Labor - CFP - PL Cash Out	PL Cash Out	2-00-242-200	\$ 15,000
	Labor - CFP - Social Security Medicare	Social Security Medicare	2-00-408-500	\$ 100,400
	Labor - CFP - STD	Short Term Disability	2-00-926-700	\$ 2,000
	Labor - CFP - Term Insurance	Term Ins Benefit	2-00-926-300	\$ 1,400
	Labor - CFP - VEBA	VEBA Benefit	2-00-926-800	\$ 12,200
	Labor - CFP - VEBA Cash out	VEBA Cash Out	2-00-926-600	\$ 5,000
	Labor - ES Support	ES Support Overhead	2-00-926-999	\$ 439,200
	Labor - ES Support	ES Support Wages	2-00-926-999	\$ 627,900
	Misc Expenses	CF Vehicle and Equipment Fuel	2-00-184-012	\$ 16,000
	Misc Expenses	CF Vehicle Maintenance	2-00-184-012	\$ 12,000
	Professional Services	Communication Services	2-08-923-000	\$ 3,300
	Professional Services	Computer Services	2-08-923-000	\$ 5,600
	Professional Services	Dam Safety Consultant	2-08-923-000	\$ 84,000
	Professional Services	Engineering Consultants	2-08-923-000	\$ 65,000
	Professional Services	Fire District Payment	2-08-923-000	\$ 19,000
	Professional Services	Labor Consultant	2-08-923-000	\$ 1,000
	Professional Services	Legal Services (BiOp & FERC Issues)	2-08-923-000	\$ 24,200
	Professional Services	Legal Services (General Issues)	2-08-923-000	\$ 20,000
	Professional Services	Long Range Plan Analysis	2-08-923-000	\$ 50,000
	Professional Services	Project Analysis	2-08-923-000	\$ 20,000
	Professional Services	WECC & NERC Consultants	2-08-923-000	\$ 58,000
	Training and Travel	American Fisheries Society Meeting	2-09-921-002	\$ 1,500
	Training and Travel	AVO Circuit Breaker Maintenance	2-09-921-002	\$ 2,400
	Training and Travel	CEATI Annual Meeting	2-09-921-002	\$ 2,200
	Training and Travel	Computer Training	2-09-921-002	\$ 800
	Training and Travel	HydroVision	2-09-921-002	\$ 2,000
	Training and Travel	NW Hydro Forum	2-09-921-002	\$ 400
	Training and Travel	NWHA Annual Meeting	2-09-921-002	\$ 500
	Training and Travel	NWHA Workshop	2-09-921-002	\$ 600
	Training and Travel	NWPPA Admin Asst Training	2-09-921-002	\$ 2,400
	Training and Travel	NWPPA Leadership Training	2-09-921-002	\$ 3,400
	Training and Travel	Operator Training Development	2-09-921-002	\$ 45,000
	Training and Travel	Pesticide Application Training	2-09-921-002	\$ 800
	Training and Travel	Records Training	2-09-921-002	\$ 700
	Training and Travel	Water / Wastewater Training	2-09-921-002	\$ 1,200
	Training and Travel	WPUDA Admin Roundtable	2-09-921-002	\$ 600

				2021
Special O&M	Training and Travel	WPUDA Records Roundtable	2-09-921-002	\$ 300
Wheeling	Transmission Wheeling	Transmission Wheeling - Offset Entry	2-00-456-999	\$ 746,000
Grand Total				\$ -

	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
\$49.11				\$72.40		
\$1,182.84		\$671.83	\$792.52	\$920.20 \$43.61	\$986.16 \$43.61	\$1,092.61
\$31.21				\$54.75		
\$1,520.50	\$1,520.50	\$1,520.50	\$1,695.50	\$1,695.50		\$1,695.50
\$5,388.47	\$5,217.64	\$5,680.07	\$6,155.33	\$6,177.59		\$5,895.10
\$3,148.44	\$3,048.39	\$3,314.21	\$3,626.07	\$3,638.99		\$1,472.20
	\$5,367.98		\$303.23	\$303.23		\$303.23
\$63.28	\$59.64	\$64.94	\$77.92	\$70.61		\$97.88
\$107.61	\$102.65	\$111.76	\$134.10	\$121.55		\$108.63
\$56.00	\$56.00	\$66.00	\$74.00	\$70.00		\$74.00
\$419.02	\$405.72	\$441.68	\$1,188.90	\$480.37		\$609.19
\$1,081.00	\$1,072.46	\$1,107.25	\$478.63	\$1,191.97		\$15,699.69
\$90.00	\$90.00	\$90.00	\$50.00	\$50.00		\$50.00
\$67.49	\$67.49	\$77.17	\$77.17	\$84.09		\$70.59
\$194.21	\$194.21	\$218.85	\$109.08	\$175.72		\$96.84
			\$62.70	\$62.70		\$62.70
\$151.40	\$128.62	\$121.84	\$118.70	\$138.93		\$138.81
\$1,520.50		\$1,695.50	\$1,695.50	\$1,695.50		\$1,828.53
\$5,553.06	\$3,130.79	\$6,020.38	\$6,815.86	\$7,148.37		\$5,354.90
\$3,238.40		\$3,531.79	\$4,006.64	\$4,204.06		\$1,120.46
				\$303.23		\$303.23
\$63.49	\$61.36	\$69.91	\$70.37	\$81.72		\$69.86
\$108.57	\$105.61	\$120.34	\$121.10	\$140.61		\$126.22
\$431.80	\$417.40	\$468.14	\$530.00	\$555.85		\$412.86
\$1,098.30	\$1,084.61	\$1,179.58	\$1,301.44	\$1,266.12		\$1,024.06
\$361.98		\$361.98	\$508.56	\$367.59		\$367.59
\$90.00	\$90.00	\$90.00	\$50.00	\$50.00		\$50.00
\$137.05	\$127.01	\$139.85	\$140.52	\$161.22		\$119.93
\$52.78	\$52.78	\$52.78				
		\$6,116.16				
		\$3,586.18				
		\$68.81				
		\$118.44				
		\$475.58				
		\$1,185.85				
		\$50.00				
		\$101.04				
		\$1,695.50				
		\$361.98				

TOTALS			
\$293.24			
\$18.24			
\$364.06			
\$53.44			
\$6,801.70			
\$324.70			
\$43.61			
\$85.15			
\$31.21			
\$54.75	license for newly acquired trailer		
\$9,071.10	(TOTAL)		
\$35,258.59	direct tax on CFP output		
\$35,258.59	(TOTAL)		
\$2,774.78			
\$694.68			
\$3,469.46	(TOTAL)		
\$0.00			
\$18,771.00			
\$69,178.83			
\$40,593.92			
\$6,277.67			
\$832.16			
\$1,430.91			
\$744.00			
\$6,280.70			
\$27,475.83			
\$960.00			
\$794.23			
\$1,887.89			
\$564.30			
\$1,627.61			
\$17,558.53			
\$68,044.14			
\$35,020.37			
\$606.46			
\$790.74			
\$1,360.05			
\$5,464.69			
\$13,722.28			
\$4,192.54			
\$960.00			
\$1,650.39			
\$475.02			
\$90.00			
\$20,308.05			
\$10,129.45			
\$226.79			
\$390.30			
\$1,988.15			
\$4,960.04			
\$230.00			
\$360.35			
\$3,216.00			
\$712.21			
\$176.50			
\$170,631.70	(TOTAL)		

2-00-392-012	Transportation Equipment	\$85,000							
	Fine Family LLC								
2-00-408-200	Taxes - Privilege	\$56,900							
2-00-408-300	CF - Taxes - Business & Sales	\$0.00							
	Columbia Bank (Excise Tax - ACH)		\$31.96				\$107.54	\$28.07	
2-00-417-000	Campground Rental Income								
	CA Land Management Services Corp								
2-00-417-100	Campground Merchant Service Fees								
	California Land Management Services Corp			\$102.57	\$70.32	\$58.90			
2-00-391-010	Office Furniture & Equipment	\$0.00							
	CC		\$113.56						
	CC		\$528.02						
	CC		\$150.05						
2-00-925-102	Health, Welfare, Safety	\$32,500							
	Lower Columbia Occupational Health LLC			\$100.00					
2-00-926-000	Misc Pension and Benefits	\$5,000.00							
	WA State - Dept of Labor & Industres		\$4,260.26						
2-00-926-100	CF - Retiree/COBRA Med Ins - Premiums & Claims	\$20,000							
	EBMS inc								
	Columbia Bank (EBMS)								
2-00-926-110	CF - Active Emp Med Ins - Premiums & Claims	\$280,700							
	Columbia Bank (EBMS)	\$2,015.11	\$1,675.51	\$1,416.57	\$24.00	\$18,327.72	\$3,103.74		
	Columbia Bank (EBMS)	\$5,982.81	\$4,606.91	\$1,803.53	\$2,150.79	\$3,565.03	\$1,370.18		
	EBMS	\$5,822.90	\$6,164.08	\$6,344.31	\$5,923.37	\$5,684.43	\$5,802.90		
	Columbia Bank (EBMS)	\$4,435.90	\$598.80	\$2,196.31	\$3,429.66	\$30,467.93	\$2,470.73		
	Columbia Bank (EBMS)	\$875.56	\$1,052.27	\$5,500.10	\$3,986.76		\$7,439.62		
	Columbia Bank (EBMS)	\$1,582.07		\$1,162.61	\$568.98		\$637.57		
	Columbia Bank (EBMS)				\$4,604.37				
	EBMS (inc)	\$7,102.66							
2-00-626-120	ACA Requirement	\$100							
2-00-926-140	Flu Shot Clinics	\$400							
2-00-926-200	CF - PERS - Employer	\$139,300							
	Columbia Bank (DRS)								
2-00-926-300	CF - Term Insurance - Employer	\$3,900							
	Prudential		\$324.02	\$324.02	\$324.02	\$336.66	\$374.30	\$295.38	

\$10,723.17	trailer		
\$10,723.17			
\$0.00			
\$167.57			
\$167.57	(TOTAL)		
\$22,569.25	reservation refunds (note: campground income)		
\$22,569.25	(TOTAL)		
\$21,693.03			
\$21,693.03	(TOTAL)		
\$113.56			
\$528.02			
\$150.05			
\$791.63	(TOTAL)		
\$1,368.00			
\$1,368.00	(TOTAL)		
\$5,828,035.68	quarterly reporting		
\$5,828,035.68	(TOTAL)		
\$702.73			
\$136.00			
\$838.73	(TOTAL)		
\$39,903.64			
\$35,138.00			
\$73,470.37			
\$51,574.46			
\$58,434.28			
\$12,612.92			
\$10,519.27			
\$1,943.80			
\$7,102.96			
\$288,596.74	(TOTAL)		
\$0.00			
\$0.00			
\$16.52			
\$16.52	(TOTAL)		
\$4,137.76	(TOTAL)		

2-00-926-310	CF - Long Term Disability Insurance - Employer Prudential	\$0.00					
2-00-926-400	L & I (CF - W-C1 \$ W-C6 - Employer (Industrial Ins)) Columbia Bank (PFML) WA State - Dept of Labor & Industries	\$11,600	\$0.39		\$3,261.64		\$3,277.77
2-00-926-500	WA Paid Family Medical Leave - Employer Columbia Bank (PFML)	\$1,600					\$0.03
2-00-926-600	VEBA Cashout	\$5,000					
2-00-926-700	Short Term Disability (Employer)	\$2,000					
2-00-626-800	VEBA - Employer	\$10,800					
2-00-926-999	Wages	\$1,925,200					
2-08-535-002	Supervision & Engineering - Non Labor	\$11,100					
2-08-537-000	CF - Hydraulic Expenses ALS Group Anders Pollman Century Link Ed's Auto Parts	\$0.00	\$260.00 \$0.00 \$118.72 \$195.37 \$24.76				
2-08-537-010	CFP Fish & Wildlife Valley Agronomics Lafrombise Communications CC CC Northwest Home Center Northwest Home Center Ed's Morton Auto Parts Lewis County Solid Waste Lewis County Solid Waste TroutLodge TroutLodge TroutLodge	\$71,200	\$717.68	\$200.00			\$7.56 \$30.29 \$192.80 \$12.39
2-08-537-020	Recreation Anders Pollman Campground Automation System CFP CFP Goebel Septic Goebel Septic Goebel Septic Harold Lemay Enterprises Huges Communications Century Link CFP Devaul Publishing Devaul Publishing	\$66,100	\$1,500.00 \$112.50 \$584.05 \$58.69 \$88.50 \$88.50 \$88.50 \$1,193.60 \$932.06 \$203.39 \$118.95 \$149.63 \$75.20 \$75.20	\$1,500.00 \$109.00 \$111.33 \$30.56 \$88.50 \$88.50 \$88.50 \$147.45 \$147.45 \$118.95 \$234.27 \$75.20 \$75.20	\$0.00 \$109.00 \$64.46 \$401.89 \$90.00 \$90.00 \$90.00 \$147.45 \$147.45 \$118.95 \$86.83	\$879.00 \$88.28 \$310.26 \$90.00 \$90.00 \$148.92	\$329.50 \$330.05 \$56.40 \$90.00 \$147.45 \$95.76

\$519.09	
\$519.09	(TOTAL)
\$0.39	
\$10,210.51	
\$10,210.90	(TOTAL)
\$1.55	
\$1.55	(TOTAL)
\$0.00	
\$0.00	
\$0.00	
\$0.00	
\$0.00	
\$0.00	
\$260.00	
\$0.00	moved to 2-08-537-020
\$118.72	
\$135.37	CFP (throughout entire spreadsheet) means utility bill paid to the District
\$24.76	
\$538.85	(TOTAL)
\$1,351.54	
\$200.00	
\$131.88	April expense: prizes for Kids Derby (2021)
\$30.29	
\$192.80	
\$12.38	
\$22.62	
\$1,077.30	Lewis County Solid Waste: fee to dump material at the transfer station/dump site
\$590.59	
\$20,838.28	mitigation trout
\$5,761.37	
\$10,334.25	
\$46,542.31	(TOTAL)
\$7,500.00	moved to 2-08-545-020
\$2,233.86	CampLife is used for on-line reservations; \$1000 fee paid in July 2019; monthly fee to use the system; minimum is \$109/month the \$3.50/per servation; access is CA Land Mgt and Michelle
\$1,859.59	
\$1,659.94	
\$1,095.50	
\$540.50	
\$183.50	
\$3,603.10	County garbage hauler
\$957.62	provider has limitations on how long service can be inactive; internet is maintained April-September to comply with requirements
\$1,091.40	
\$733.25	
\$75.20	
\$75.20	

	Lewis County Public Health		\$60.00	\$168.00				
	Mark Schepker		\$64.00					
	WA State - Dept of Health		\$222.20					
	FGL Group			\$262.50				
	WA State - Dept of Agriculture				\$33.00			
	Century Link				\$118.15			\$118.15
	CFP				\$156.20			\$108.93
	Campground Automation System				\$109.00			
	Harold Lemay Enterprises					\$8.48		
	CC							\$129.33
	CC							
	Century Link							\$118.15
	Goebel Septic							
	Goebel Septic							
	Columbia Bank (Excise Tax - ACH)			\$20.47				
2-08-537-060	ESA Requirements	\$10,000						
	CC		\$9.80				\$11.89	
	CC						\$153.00	
	Columbia Bank (Excise Tax ACH)						\$11.94	
	Robert T Larson							\$882.00
2-08-539-000	Misc Expenses	\$93,000						
	Capital Business Machines	\$179.47	\$83.62	\$134.48	\$112.16	\$142.62		\$107.76
	CC	\$32.32	\$4.81		\$25.00	\$650.00		\$35.45
	CC	\$1.88	\$7.35	\$143.14	\$795.00	\$3.50		\$3.75
	Century Link	\$141.83	\$125.19	\$155.01	\$642.85			\$637.63
	Century Link	\$39.33	\$39.38	\$47.38	\$127.00			\$128.79
	Century Link	\$126.80	\$137.00	\$127.00	\$39.38			\$151.97
	Century Link	\$579.76	\$806.49	\$642.87	\$143.73			\$39.06
	CFP	\$3,690.92	\$129.11	\$3,183.60	\$172.49	\$36.62		\$22.96
	CFP	\$30.76	\$4,101.19	\$28.84	\$32.04	\$29.66		\$251.34
	Day Met Corp	\$952.09	\$905.52					
	Goebel Septic	\$88.50		\$88.50	\$88.50	\$90.00		\$90.00
	Goebel Septic	\$88.50		\$88.50	\$90.00	\$90.00		\$90.00
	Harold LeMay Enterprises	\$209.23	\$298.36	\$209.23	\$848.24	\$211.32		\$209.23
	I & E Bottling Co	\$271.66			\$271.66			
	Richardson Bottling	\$3.23	\$17.50	\$3.23	\$3.23	\$3.23		\$3.23
	Sam J. Reed, Inc.	\$18.64	\$12.55		\$37.25			
	Verizon	\$585.39	\$585.85	\$538.56	\$544.52	\$78.92		\$541.52
	Verizon	\$79.34	\$84.72	\$84.72	\$78.92			\$541.70
	Wavedivision Holdings	\$98.63		\$98.63	\$98.63			\$148.29
	CC		\$42.59	\$25.60	\$100.00	\$11.00		
	CC		\$25.00	\$8.95				
	CC		\$25.00					
	CEATI Intl		\$24,000.00					
	CEATI Intl		\$15,000.00					
	Northwest Hydroelectric Assn			\$800.00				
	Harold LeMay Enterprises	\$209.23	\$793.25					
	Thomas Beebe	\$40.00	\$40.00		\$40.00	\$40.00		\$40.00
	CFP	\$25.68			\$2,571.77			\$919.30
	Goebel Septic							
	Harold LeMay Enterprises				\$209.23			
	Sam J. Reed, Inc.				\$19.33			
	Tiger Mountain Technologies				\$100.00			
	Century Link				\$637.63			\$47.06
	Century Link				\$126.24			\$159.91
	Century Link				\$47.06			\$149.80
	Century Link				\$157.28			\$635.90
	North American Generator Forum				\$400.00			
	Wavedivision Holdings		\$98.63		\$98.58			\$163.29
	Ocean and Coastal Environmental Sensing				\$13.41	\$13.41		
	Lewis County Public Works Dept					\$621.06		
	Harold LeMay Ent. Inc. A Waste Connections Company							\$664.20
	Morton Medical Center PLLC							\$150.00
	Morton Medical Center PLLC							\$3.02
	US Treasury-FERC							\$16.24
	Verizon							\$84.30
	I. & E Bottling Co							
	UPS							
	Awards West							
	DTL Solutions							

\$452.00			
\$64.00			
\$327.40			
\$262.50			
\$33.00			
\$236.30			
\$352.73			
\$284.50			
\$8.48			
\$749.33	\$620 for 2 pair of Viking Tex men's boots		
\$0.00			
\$118.15			
\$190.00			
\$95.00			
\$68.83			
\$45,150.62	(TOTAL)		
\$21.69			
\$882.00			
\$903.69	(TOTAL)		
\$1,376.79	Copier/printer charges		
\$1,202.60			
\$5,064.79	&91.50 - subscription to THE CHRONICLE		
\$3,327.45			
\$966.01			
\$2,051.84			
\$3,657.21			
\$8,046.69			
\$4,730.37			
\$1,857.61	company used for radio work		
\$1,000.50			
\$543.50			
\$3,033.85	garbage/recycling		
\$1,086.64	bottled water vendor		
\$53.03	bottled water vendor		
\$163.88	UPS charges; payee for Morton market (used when Michelle doesn't have time to arrange for a p/u)		
\$4,305.24			
\$2,638.90			
\$1,068.04			
\$309.27			
\$55.65			
\$25.00			
\$24,000.00			
\$15,000.00			
\$800.00			
\$1,211.71			
\$360.00			
\$3,571.08			
\$95.00			
\$209.23			
\$19.33			
\$200.00	dial up internet (6 months)		
\$811.33			
\$286.15			
\$196.86			
\$793.18			
\$400.00	2020 Membership		
\$508.69			
\$657.72	\$620.47		
\$624.04	Public Works provides some mapping data utilized in the GIS system; CFP is charged approximately 10% of total invoice		
\$7,021.50	trash rake material removal		
\$150.00	charge for a CDL/DOT physical		
\$3.02			
\$16.24			
\$619.62			
\$323.40			
\$11.41			
\$170.52			
\$445.35			

	\$607.50	\$67.50			
	\$1,239.25				
	\$123.14				
	\$412.18				
		\$1,937.82	\$131.44		
		\$145.95	\$1,038.86		
		\$40.00	\$40.00	\$40.00	
		\$40.00			\$40.00
		\$40.00			
			\$70.28		
			\$1,220.68		
				\$48.26	
				\$26.31	
				\$10,387.22	
					\$44.75
					\$1,542.39
					\$75.00
\$4,164.66			\$4,164.69		
\$76,629.66	\$3,595.92				
\$1,844.22	\$2,662.50	\$2,175.00	\$1,875.00	\$1,725.00	
\$1,126.08					
\$789.40					
	\$970.43				
\$85.43					
\$39,935.00	\$40,155.00	\$42,479.43	\$27,752.05	\$92,681.75	\$120,752.19
	\$49,898.02	\$83,178.75		\$27,652.03	\$18,757.77
					\$1,636.39
\$674.13					
\$836.26					
\$973.54					
\$399.28					
\$1,010.79					
\$1,365.62		\$23,038.67			
\$443.93					
\$357.14					
\$1,244.97	\$1,050.01				
\$1,244.05					
\$1,224.00					
\$691.74			\$347.55	\$256.42	
\$49.32			\$486.57	\$204.02	
\$693.36	\$3,127.68		\$3,576.96	\$1,327.91	\$8,791.46
\$6,718.95				\$1,864.71	\$527.26
\$2,034.72					\$6,020.57
\$2,174.47					
\$5,861.16					
\$1,621.73					
\$1,809.86					
\$4,457.38					
\$119.02					
\$545.62					
\$584.38	\$584.99				\$552.28
\$1,216.81					
\$224.20					
\$4,458.28					
\$1,377.08			\$135.19		
\$82.62			\$11.31		
	\$1,251.56				
		\$4,024.07			
		\$21,964.55	\$6,468.00		\$9,646.66
		\$1,405.74			
		\$4,460.44			
		\$94.54		\$1,468.42	
		\$23.22		\$329.93	
		\$664.09			
		\$30.01	\$595.40		
			\$403.73		
			\$2,503.99	\$47.11	\$23.26

\$675.00	vendor used by the District for Sharepoint services; work with Cooper to access the District Sharepoint through VPN; charge for their software engineer to get Cooper the access needed		
\$1,239.25	scanning & indexing autoCAD drawings (annual fee is \$590; plus 2.50 per record scanned)		
\$123.14			
\$412.18			
\$2,069.26	CDW is the provider for District technology hardware		
\$1,184.81			
\$120.00			
\$40.00			
\$80.00			
\$70.28			
\$1,220.68	6 monitors and 3 monitor stands		
\$48.26			
\$26.31			
\$10,382.22	5 security cameras, mounting brackets, and a 5 year software license		
\$44.75			
\$1,542.39			
\$75.00			
\$4,080.00			
\$5,871.59			
\$73.18			
\$135,340.34	(TOTAL)		
\$16,526.38			
\$165.00			
\$1,078.44			
\$60,460.96	3TB back-up server for the SCADA project (server, license, support) (((not in budget)))		
\$45,526.95	consulting services related to the SCADA project		
\$12,981.54			
\$2,585.69			
\$3,516.80			
\$1,850.86	sedimentation study		
\$170.84			
\$404,307.42			
\$229,454.14			
\$2,310.52	Allied provides general electric parts for the Plant		
\$836.26			
\$973.54			
\$399.28			
\$1,010.79			
\$24,404.29			
\$443.93			
\$357.14			
\$2,294.98	Cummins provides emergency diesel generator maintenance and load testing		
\$1,244.05			
\$1,224.00	turbidity sensor communication and data hosting		
\$1,295.71			
\$739.91			
\$19,517.37	(aka H2H) Hungry Horse is working on the gantry crane project		
\$8,910.92			
\$8,055.29			
\$2,174.47			
\$5,863.16			
\$1,621.73			
\$1,809.86			
\$4,457.38			
\$119.02			
\$545.62			
\$1,721.65	station air compressor parts		
\$1,216.81			
\$224.20			
\$4,458.28			
\$1,512.27	April expense: vendor required shipping chage be paid in advance; CFP needed item in a "timely manner"		
\$93.93			
\$1,251.56			
\$4,024.07			
\$28,432.55	\$21,964.07 Packwood Visibility Project ; 1/3 cost of a fiber extension to enhance communications in East Lewis County; 1/3 cost shared by CFP; District; EN; \$6,468 annual fiber optic lease payment		
\$11,052.40	\$1,405.74 is for the purchase of 6 monitors & three monitor stands		
\$4,460.44	purchased demag sheave & bearings in the crane		
\$1,562.96			
\$353.15			
\$664.09	6 single row ball bearing seals		
\$625.41			
\$403.73			
\$2,574.36			

McMillen						
UPS						
WA State - Dept of Labor & Industries						
Grainger						
Grainger						
Consolidated Electric Distributors						
Consolidated Electric Distributors						
Consolidated Electric Distributors						
Consolidated Electric Distributors						
Consolidated Electric Distributors						
Russell Page						
Russell Page						
CEATI International Inc						
CEATI International Inc						
Systems Interface, Inc						
HD Supply Construction Supply LTD					\$40.85	
Columbia Bank (Excise Tax - ACH)					\$556.49	
2-08-544-000	Maint of Electric Plant - Hydraulic	\$90,400				
CC		\$124.95	\$833.38	\$592.89	\$253.43	\$92.95
CC		\$117.20	\$71.81		\$659.08	\$344.10
CC		\$2.34			\$309.56	
Specialty Engineering				\$16,297.46		
Allied Electronics				\$267.19	\$71.95	
McMaster-Carr Supply				\$1,117.64	\$236.38	
Master-Carr Supply				\$72.47		
Grainger					\$65.14	
Grainger					\$64.98	
Platt Electric Supply					\$1,077.05	\$146.36
CC					\$529.91	
Cummins Inc						\$937.07
Graphic Controls Acquisition Corp						\$54.98
Graphic Controls Acquisition Corp						\$133.15
Hungry Horse Engineering						
Hungry Horse Engineering						
Hungry Horse Engineering						
Platt Electric Supply						
Platt Electric Supply						
Consolidated Electrical Distributors						
Schweitzer Engineering Lab						
WESCO Distribution Incorporated						
Columbia Bank (Excise Tax - ACH)		\$9.14	\$1,107.21	\$2.19	\$0.70	\$19.76
Columbia Bank (Excise Tax - ACH)		\$9.75	\$62.81		\$0.14	\$41.33
2-08-545-000	Main of Miscellaneous Hydraulic Plant	\$116,000				
Anders Pollman					\$0.00	\$0.00
Arrow Lumber & Hardware		\$15.59				
CC		\$2,282.15	\$289.44	\$46.18	\$50.82	\$82.97
Grainger		\$40.24	\$160.02	\$25.86	\$84.16	\$41.92
Grainger		\$870.90		\$638.30	\$45.58	\$33.92
Grainger		\$98.25		\$20.89	\$361.60	\$264.02
Grainger		\$177.97		\$70.93	\$153.97	\$141.77
Grainger		\$421.18		\$766.31		\$53.79
Grainger		\$511.53		\$120.78		\$684.70
Grainger		\$81.58		\$10.67		\$558.70
Grainger		\$91.75		\$56.86		
Grainger		\$110.22				
Grainger		\$1.79				
Grainger		\$5.01				
Grainger		\$179.75				
Grainger		\$857.03				
Grainger		\$362.86				
Grainger		\$342.67				
Grainger		\$107.89				
Grainger		\$97.97				
Grainger		\$312.06				
Grainger		\$285.25				
Grainger		\$32.28				
Platt Electric Supply		\$994.00			\$706.26	
Platt Electric Supply		\$996.81			\$544.84	
Sherwin Williams		\$29.21				
Brady Worldwide			\$916.03			

\$42,274.40	\$27,732 debris barrier and cathodic protection;		
\$8.11			
\$233.10			
\$81.96			
\$145.46			
\$3,202.41	\$3,133 - belden cable		
\$1,540.98	\$1,193.78 - ring connectors		
\$9,894.28	\$9,851.24 - belden wire & AWG multi conductor		
\$1,617.67	\$1,617.73 - hubbell wire basket tray; wire radius; trail steel covers; strut clips grounding split bolts; s;lice kit		
\$2,503.99			
\$81.05	a 6 outlet surge protector (Home Depot)		
\$328.13	6 ea 6' tables (Costco)		
\$9,000.00	utilize Gates Inspection and Maintenance Guide		
\$6,000.00	utilize Commissioning Guide for Hydroelectric Stations & Auxiliary Systems and Equipment		
\$57,103.75			
\$40.85			
\$760.63			
\$1,066,877.19	(TOTAL)		
\$2,621.84			
\$1,192.79			
\$311.90			
\$16,297.46			
\$4,293.48			
\$1,354.02			
\$77.47			
\$516.32			
\$632.97			
\$4,431.55			
\$529.91			
\$917.07			
\$54.98			
\$131.15			
\$5,092.85	in this GL - Hungry Horse is working on the GSU annunciator project		
\$10,152.20			
\$2,787.05			
\$52.94			
\$794.29			
\$4,364.85			
\$0.00			
\$2,727.34			
\$53,928.26			
\$114.03			
\$113,305.72	(TOTAL)		
\$0.00	moved to 2-08-537-020		
\$15.59			
\$5,201.17			
\$4,354.80			
\$3,006.54			
\$3,881.25			
\$862.95			
\$1,241.28			
\$1,317.01			
\$650.95			
\$148.61			
\$110.22			
\$1.79			
\$5.01			
\$179.75			
\$857.03			
\$362.86			
\$342.67			
\$107.89			
\$97.97			
\$312.06			
\$285.25			
\$32.78			
\$1,735.28			
\$1,906.81			
\$29.21			
\$916.03			

\$93.74	\$24.47	\$1,776.12			
\$103.87			\$91.24		\$309.21
\$234.99	\$333.31		\$444.15	\$1,716.10	\$304.95
\$109.08	\$534.54			\$8,538.83	
	\$44.11			\$302.63	
				\$6,638.49	
		\$689.09			
			\$78.39		
\$270.94	-\$350.00	\$899.51			
\$28.01	\$2,475.94	\$2,082.19			
\$92.94	\$291.07				
\$260.01			\$301.84		
\$2,737.59				\$3,072.95	\$4,827.94
			\$1,168.56		
\$7,906.63					
\$7,556.99	\$507.42				
\$1,182.84	\$3,708.32				
	\$121.22		\$119.02	\$118.58	
	\$2,300.62				
	\$3,223.56		\$2,512.95		
	\$2,252.14				
			\$74.86		
			\$413.82	\$123.33	
			\$475.40		
			\$6,126.00		
			\$116.38		
				\$193.99	
				\$2,310.62	
				\$22.84	
					\$1,237.50
					\$1,117.36
					\$426.50
					\$8,277.85
	\$162.41				
			\$1,294.25		
\$16.09		\$5.49	\$19.88		\$9.44
	\$1,239.68		\$499.00		
\$59.27	\$19.92	\$60.30	\$35.53	\$77.55	
\$12.39		\$50.39		\$90.48	
\$8.61				\$73.12	
				\$38.78	
				\$148.19	

\$2,086.57			
\$952.26			
\$2,745.46			
\$9,424.43			
\$1,263.13			
\$6,937.66			
\$185.26			
\$456.03			
\$1,418.71			
\$1,146.07			
\$87.54			
\$1,019.85			
\$4,642.19			
\$417.01			
\$195.50			
\$40.00			
\$97.01			
\$232.58			
\$29.07			
\$928.96			
\$4.79			
\$588.21			
\$184.92			
\$93.72			
\$17,738.78			
\$4,990.73			
\$104.85			
\$7,906.63	Scrap metal services (removing material in the upper bone yard)		
\$8,755.09	Scanning & converting drawings to the AutoCAD project (grant)		
\$1,685.26			
\$3,708.32			
\$358.82			
\$2,300.62			
\$5,736.51	\$3,223.56 - rental of 65-70' telescopic boom (4 week rental + \$500 delivery		
\$2,252.14	additioanal two weeks of rental fo telescopic boom		
\$74.86			
\$537.14			
\$475.40			
\$6,126.00			
\$116.38			
\$0.00			
\$193.99			
\$3,590.30			
\$22.84	4 prong dryer cord (Home Depot) (reimbursement to Russ)		
\$1,237.50	SCADA project mgt services		
\$1,137.36			
\$426.50			
\$8,277.85			
\$0.00			
\$320.32			
\$2.58			
\$15.25			
\$1,294.25			
\$192,506.06	(TOTAL)		
\$65.75			
\$22,439.68	should this charge be with Recreation ??		
\$574.20	Eastern Lewis County newspaper; run ads/legal notices related to the project; \$75.20/week;		
\$75.20			
\$196.74			
\$537.12			
\$536.02			
\$243.35			
\$128.19			
\$213.90			
\$219.86			
\$94.87			
\$57.28			
\$90.48			
\$41.93			
\$86.15			
\$16.05			
\$534.13			
\$571.44			

\$451.70			
\$2,455.63			
\$1,697.30			
\$356.16			
\$124.17			
\$243.29			
\$9,000.00	water quality consultant		
\$5,609.69			
\$1,775.00			
\$553.80			
\$684.70			
\$0.00			
\$63.19			
\$3,077.16			
\$229.57			
\$68.88			
\$862.40			
\$3.64			
\$3,051.51			
\$55.80	\$18.32 - plumbing solder; \$1.92 for washer and gasket		
\$104.31			
\$68.05			
\$93.52			
\$2,337.43	replaced gutters, downspout elbows, outlets and end caps (including Packwood)		
\$2,058.87			
\$371.91			
\$44.00			
\$74.86			
\$4,500.00			
\$230.48			
\$474.51			
\$34.81			
\$99.38			
\$77,538.00	(TOTAL)		
\$16.80	ad for 230kV line maint		
\$16.80			
\$15.64			
\$65.45			
\$839.13			
\$958.82	(TOTAL)		
\$1,532.22	worked with District (separate work authorizations) ROW work		
\$7,760.80			
\$5,820.60			
\$6,394.60			
\$10,400.00			
\$10,400.00			
\$10,400.00			
\$3,349.00			
\$776.08			
\$639.46			
\$1,040.00			
\$334.90			
\$48,847.86	(TOTAL)		
\$46.50			
\$2,572.10			
\$1,085.67			
\$383.36			
\$962.36			
\$309.66			
\$333.00			
\$165.44			
\$91.97			
\$733.85			
\$336.71			
\$258.11			
\$475.00			
\$119.52	\$21.40 - ad for CFP position		

	Devaul Publishing				\$21.40		
	Lewis County Treasurer					\$532.18	
	Lafromboise Communications						
	Columbia Bank (Excise Tax-ACH)				\$27.61		
	Michael Deckert						
2-08-923-000	Outside Services Employed	\$364,400					
	McMillen		\$785.00	\$2,118.75			\$6,640.00
	NAES Power Contractors		\$3,224.54				
	Stantec		\$3,383.28				
	Stantec		\$10,215.50				
	Northwest Hydraulic Consultants			\$41.72			
	Cooper Compliance				\$4,444.67	\$4,444.67	\$4,444.67
	Michael N McCarty				\$3,485.00		\$6,927.50
	Marsh Mundorf Pratt Sullivan & McKenzie					\$5,287.50	\$2,632.50
	Gibbs & Olson						\$413.00
	McMillen						\$200.00
	Cooperative Personnel Services						
	Moss Adams						
	State Auditor's Office						
	Lewis Co Fire District No 14		\$17,689.30				
2-08-924-000	Property Insurance	\$200,000					
	PURMS Joint Self Insurance Fund		\$20,702.75		\$5,771.88		
	PURMS Joint Self Insurance Fund		\$518.53		\$3,956.17		
	PURMS Joint Self Insurance Fund		\$45.27		\$4,484.47		
	PURMS Joint Self Insurance Fund		\$1,014.41		\$13,633.32		
	PURMS Joint Self Insurance Fund		\$38.27		\$356.00		
	Marsh USA Inc						
2-08-928-000	FERC Permit	\$114,600					
	USGS				\$39,594.00		
	Columbia Bank (FERC)						
2-09-539-000	Misc Expenses						
	CC						
2-09-539-002	SPCF - Misc Expenses Non Labor	\$22,100					
	Grainger	\$72.33		\$135.13			\$16.04
	Grainger	\$237.95					\$178.66
	Tyndale Enterprises	\$202.34	\$96.37	\$225.39	\$378.97		\$144.78
	Uline	\$116.41					
	CC		\$199.45	\$15.24			\$66.49
	CC		\$97.88				
	Tyndale Enterprises		\$165.80		\$82.90		\$728.72
	Tyndale Enterprises		\$181.43		\$177.98		\$123.17
	Tyndale Enterprises		\$56.59		\$163.69		
	Tyndale Enterprises			\$98.53	\$79.17		
	Tyndale Enterprises				\$83.49		
	Grainger						\$3.03
	Grainger						\$684.70
	Grainger						\$245.35
	Grainger						\$486.40
	Grainger						\$89.58
	Mallory Safety & Supply						\$205.79
	McMaster-Carr Supply						\$184.92
	Staples Contract & Commercial Inc						
	Columbia Bank (Excise Tax - ACH)		\$15.56				
2-09-542-000	SPCF - Structures	\$0.00					
	Lewis County Chemical, Inc		\$99.87				
2-09-542-002	SPCF - Structures Non Labor	\$1,300					

		\$46.83	\$49.06	
			\$43.06	
			\$6.98	
\$7,831.39	\$8,416.00	\$5,955.96	\$4,510.85	
\$150.00	\$10.43	\$391.29		
\$4,444.67	\$4,444.67	\$4,444.67	\$4,444.67	\$4,444.67
\$6,630.00				\$4,927.50
\$1,017.50	\$2,722.50	\$2,857.50	\$337.50	\$9,244.25
	\$986.55			
\$600.00	\$649.70			
	\$458.00			
		\$18,724.84		
\$136,151.87	\$1,551.33	\$4,333.17		
		\$18,201.71		
	\$1,630.44			
		\$99,634.91		
\$213.49				
\$71.63	\$820.09	\$45.69		\$47.43
\$168.54		\$169.60		\$435.83
		\$89.90		
		\$310.90	\$283.78	\$77.02
		\$179.80		\$499.21
		\$92.45		
	\$154.98	\$10.01		

\$117.29			
\$532.18	State Forest Patrol Fee		
\$43.06			
\$6.98	over payment for request for public records		
\$4,570.70	(TOTAL)		
\$36,257.95			
\$3,224.54	2-08-537-020		
\$3,383.28			
\$10,215.50			
\$593.44	working on the sedimentation study		
\$40,002.03	2-09-928-002		
\$17,042.50			
\$19,777.50	law firm for power supply related contracts		
\$9,657.25			
\$1,186.55			
\$600.00			
\$649.70			
\$458.00			
\$36,414.14	charges for FY 19 and FY 20		
\$179,402.08	(TOTAL)		
\$168,511.00	"pool" sends invoices when reserve levels drop below an agreed upon level		
\$22,676.41			
\$4,525.74			
\$14,647.73			
\$394.27	policy cancelled & payment stopped		
\$1,630.44	insurance broker		
\$122,309.59	(TOTAL)		
\$39,594.00	USGS gauge station		
\$99,684.91			
\$139,278.91	(TOTAL)		
\$213.49			
\$113.49	(TOTAL)		
\$316.62			
\$586.21			
\$2,465.30	vendor for FR clothing		
\$116.41			
\$449.72			
\$97.88			
\$1,649.12			
\$1,161.59			
\$220.28			
\$177.70			
\$83.49			
\$3.03			
\$684.70			
\$245.35			
\$486.40			
\$89.58			
\$298.24			
\$184.92			
\$164.99			
\$9,481.93	(TOTAL)		
\$99.87			
\$99.87	(TOTAL)		

Account	Category	(final approved) 4/28/20	(final voucher) 9/30/2020	AUGUST (FY 2020 SOB not available until end of November)	SOB xx/xx/20
	A&G				
2-08-921-000	Bank Fees	\$1,000			
	Communications Fiber - User Fee	\$6,000			
	County Taxes	\$1,000			
	Licenses & Permits	\$6,400			
	Misc	\$2,700			
	Office Supplies	\$8,000			
	TOTAL	\$25,100		\$8,173	
	CFP - Professional Services				
2-08-923-000	Auditing	\$21,000			
	Budget Support & Analysis	\$26,400			
	Computer Services Provided by E.S.	\$5,600			
	Dam Safety Consultant	\$84,000			
	Engineering Consultants	\$16,200			
	Fire Districts	\$17,700			
	Labor Consultant	\$1,000			
	Legal Services (B/Cp & FERC Issues)	\$16,200			
	Legal Services (General Issues)	\$15,000			
	Long Range Plan Analysis	\$103,000			
	Telephone Provided by E.S.	\$3,300			
	WECC & NERC Consultants	\$55,000			
	TOTAL	\$364,400		\$171,551	
	CFP - Fish & Wildlife				
2-08-537-010	Carpus Fish Release Site Improvements	\$3,500			
	Fish & Wildlife Contract Services (RTI Consulting)	\$10,000			
	Habitat Management; Fertilizer, Spraying Plants	\$8,400			
	Mitigation Trust Program	\$40,500			
	Noxious Weed Control Contractor	\$8,800			
	TOTAL	\$71,200		\$381,101	
	Electric Plant - Generation Only				
2-08-544-000	Maint of Electric Plat - Hydraulic	\$90,000			
	TOTAL	\$90,000		\$114,417	
	Insurance				
2-08-924-000	Auto	\$6,000			
	Excess Liability Insurance	\$13,000			
	Liability Insurance	\$22,500			
	Property Insurance	\$158,500			
	TOTAL	\$200,000		\$211,500	
	License Compliance				
2-08-928-000	FERC Fixed Fees	\$61,300			
	Port Blakely Easement	\$16,000			
	USGS Gauging Station Fees	\$37,300			
	TOTAL	\$114,600		\$199,279	
	Misc Expenses				
2-08-539-000	CEATI Membership	\$36,000			
	CF Project Telephones	\$7,000			
	CFP Cell Phones	\$1,600			
	Communications (Radios, etc)	\$5,900			
	Ecology Water Tax	\$7,500			
	Electric utilities - Secondary Power Feed	\$10,900			
	Garbage Service	\$2,200			
	NWMA Membership	\$800			
	Operator Remote SCADA Communications	\$8,000			
	Radio / Pager System Improvements	\$2,000			
	Security - Locks, Signs, etc	\$1,500			
	Server / Cameras / Office Machines / Computers	\$5,400			
	Shelving & Furniture	\$2,000			
	Subscriptions, Prints, Copies and Maps	\$2,200			
	TOTAL	\$83,000		\$122,640	
	Misc Hydraulic Plant				
2-08-545-000	Inspections	\$2,200			
	Buffer Zone Management	\$1,000			
	Contract Crane Inspections	\$12,600			
	Convert Engineering Drawings to AutoCAD	\$20,000			
	Drainage System	\$3,000			
	INVAC	\$3,200			
	Manuals, Major Tools, Safety Improvements	\$6,000			
	Modular Office Space	\$40,000			
	Plant Lighting	\$1,000			
	Plant Water Wells & Testing	\$1,200			
	Road Fees	\$4,200			

	Smoke Detectors & Fire Water Systems	\$1,600			
	Structure Maintenance; Concrete, Fencing	\$10,000			
	Warehouse Repairs	\$10,000			
	TOTAL	\$116,000		\$134,748	
	Rese, Dams & Waterways				
2-08-543-000	Service Air Compressor	\$1,000			
	Automatic Transfer Switch Drawings	\$18,000			
	Contract Diesel Generator Maintenance	\$1,000			
	Contract Maintenance Elevator	\$14,800			
	Dam Instrumentation	\$4,000			
	Debris Barrier	\$6,000			
	Debris Barrier Cathodic Protection Design	\$30,000			
	Debris Barrier Coating Design	\$25,000			
	Debris Removal	\$1,000			
	Diving Services	\$12,000			
	Equipment Rental	\$18,900			
	Gantry Crane Remote Control Drawings	\$35,000			
	Governor	\$1,000			
	Governor Selsyns	\$15,000			
	Log Bronc Maintenance	\$1,000			
	Mechanical & Piping	\$6,600			
	Metal	\$3,000			
	Packwood Hydro Visibility	\$20,400			
	Painting & Special Coatings	\$3,200			
	Plan Annunciator	\$22,000			
	Replacement of Project SCADA	\$868,000			
	Spillway Gates	\$3,000			
	Tribidity Sensor Communication	\$1,000			
	TOTAL	\$1,110,900		\$948,767	
	Supervision & Engineering - Non Labor				
2-08-535-002	FERC Dam Movement Survey	\$8,400			
	Sedimentation Survey	\$2,700			
	TOTAL	\$11,100		\$2,067	
	Transmission Line				
2-08-571-002	ROW Maintenance	\$50,000			
	Transmission Line Corridor Planting	\$20,000			
	TOTAL	\$70,000		\$62,335	
	Recreation				
2-08-537-020	Advertising	\$3,000			
	Building Maintenance	\$3,200			
	Campground Hosts	\$4,000			
	Campground Internet	\$1,500			
	Campground Reservation Software	\$48,000			
	Campground Telephone	\$1,300			
	Contract Septic and Water Services	\$25,000			
	Contract Services (Backhoe, Gravel)	\$4,000			
	Electric Utilities	\$6,000			
	Garbage Service	\$6,000			
	Ground Maintenance	\$2,200			
	Noxious Weed Control	\$5,000			
	Open / Close Packwood Gate	\$2,500			
	Operation Supplies	\$2,200			
	Park Equipment Repairs	\$3,200			
	Portable Restrooms	\$2,100			
	Repairs & Supplies	\$8,200			
	Sewer & Water System Maintenance	\$4,400			
	Sign Repair	\$2,200			
	Tools & Equipment	\$2,000			
	Water & Septic Testing	\$2,000			
	TOTAL	\$138,000		\$21,485	←-SOB says budget f
	CFP Wages				
2-00-926-999	Wages	\$1,084,300			
	OT Benefits	\$7,800			
	Standby Pay	\$36,000			
	OT Taxes	\$4,000			
	OT Wages	\$52,200			
	ES Support Overhead	\$268,200			
	ES Support Wages	\$389,700			
	Social Security Medicare	\$83,000			
	TOTAL	\$1,925,200		\$1,612,041	

2-00-926-110	Employee Medical Insurance	\$280,700	\$280,118	
2-00-926-140	Flue Shot Clinics	\$400	\$0	
	Health, Welfare, Safety			
2-00-925-102	Process Documentation & Training	\$28,000		
	Rope Access Training	\$4,500		
	TOTAL	\$32,500	\$6,218	
2-00-926-400	I&I Employer	\$11,600	\$10,211	
2-00-926-300	Long Term Disability	\$2,800	\$3,034	<-- SOB says b
	Misc Expenses			
2-00-184-012	CF Vehicle and Equipment Fuel	\$16,000		
	CF Vehicle Maintenance	\$12,000		
	TOTAL	\$28,000	\$17,570	
2-00-926-000	Misc HR Expenses (Misc Pension and Benefits)	\$5,000	\$0	
2-00-926-120	ACA Requirement (PCORI Fees)	\$100	\$0	
2-00-926-200	PERS (PERS - Employer)	\$139,300	\$138,334	
2-00-242-200	PL Cash Out	\$15,000	\$24,119	
2-00-926-700	Short Term Disability Benefit	\$2,000	\$0	
2-00-408-200	Privilege Tax	\$56,900	\$35,259	
2-00-926-300	Term Ins Benefit	\$1,100	\$3,034	<-- SOB says b
2-00-926-800	VEBA Benefit (Employer)	\$10,800	\$10,999	
2-00-926-600	VEBA Cash Out	\$5,000	\$0	
2-00-926-500	Paid Family Leave Benefit	\$1,600	\$1,602	
2-00-926-100	COBRA	\$20,000	\$0	
	Transportation Equipment			
2-00-392-012	Dump Trailer	\$7,000		
	Flatbed Trailer	\$3,000		
	Two Lift Gates	\$7,000		
	Vehicle for Gen Superintendent	\$30,000		
	Vehicle for Operators	\$38,000		
	TOTAL	\$85,000	\$10,723	
2-09-542-002	Consumable Janitorial Supplies	\$1,300	\$2,033	
	SPCF - A&G Training and Travel - Detail			
2-09-921-002	CEAT DSIG Meeting	\$4,000		
	EPTC Total	\$9,200		
	Training & Travel Total	\$15,000		
	TOTAL	\$28,200	\$31,597	
	SPCF - Supplies & Expenses - Non Labor			

2-09-539-002	Consumable First Aid Supplies	\$3,200				
	Consumable Safety Supplies & PPE	\$5,400				
	Fall Protection Equipment	\$1,500				
	FR Clothing	\$8,000				
	Rope Access Gear	\$1,500				
	Small Tools	\$2,500				
	TOTAL	\$22,100		\$7,488		
	ESA Requirements					
2-08-537-060		\$10,000		\$3,746		
2-00-408-500 Taxes - Employer (FICA, Medicare, OASD)		\$0		\$81,509		← in SOB -not

Month	Ven #	Vendor Name	Voucher #	Date	War #	Amount	GL #	GL Account	
OCTOBER	11029	Delta Airlines	CF12069	10/17/2019	033201	\$ 256.60	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Delta Airlines	CF12068	10/17/2019	033201	\$ 636.60	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	NWHA	CF12070	10/17/2019	033201	\$ 200.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Allianz Travel Insurance	CF12071	10/17/2019	033201	\$ 21.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Alaska Airlines	CF12072	10/17/2019	033201	\$ 246.60	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Budget	CF12077	10/17/2019	033201	\$ 514.44	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Rivers Coffeehouse	CF12078	10/17/2019	033201	\$ 90.21	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	United Airlines	CF12079	10/17/2019	033201	\$ 818.60	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Delta Airlines	CF12082	10/17/2019	033201	\$ 844.60	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Petco	CF12073	10/17/2019	033201	\$ 9.80	2-08-537-090 CF -	ENDANGERED SPECIES ACT REQUIREMENTS	
	11029	Amazon	CF12076	10/17/2019	033201	\$ 32.32	2-08-539-000 CF -	MISC EXPENSES	
	11029	Cotton Pharmacy	CF12080	10/17/2019	033201	\$ 1.88	2-08-539-000 CF -	MISC EXPENSES	
	11029	Addison Construction	0068721	10/17/2019	033201	\$ 4,408.52	2-08-543-000 CF -	MAINT OF RESERVOIRS, DAMS & WATERWAYS	
	11029	Columbia Bank	CF12067	10/17/2019	033201	\$ 2.34	2-08-544-000 CF -	MAINT OF ELECTRIC PLANT - HYDRAULIC	
	11029	TW Controls	CF12074	10/17/2019	033201	\$ 124.95	2-08-544-000 CF -	MAINT OF ELECTRIC PLANT - HYDRAULIC	
	11029	Quality Bearings	CF12075	10/17/2019	033201	\$ 117.20	2-08-544-000 CF -	MAINT OF ELECTRIC PLANT - HYDRAULIC	
	11029	The Home Depot	0068722	10/17/2019	033201	\$ 1,089.41	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Amazon	CF12081	10/17/2019	033201	\$ 2,292.15	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Global Industrial	CF12064	10/17/2019	033201	\$ 113.56	2-00-391-010 CF -	OFFICE FURNITURE & EQUIPMENT - GENER. CWIP	
	11029	Wal Mart	CF12065	10/17/2019	033201	\$ 526.62	2-00-391-010 CF -	OFFICE FURNITURE & EQUIPMENT - GENER. CWIP	
	11029	The Home Depot	CF12066	10/17/2019	033201	\$ 150.05	2-00-391-010 CF -	OFFICE FURNITURE & EQUIPMENT - GENER. CWIP	
	11029	SOR Inc.	CF12083	10/17/2019	033201	\$ (94.25)	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	NOVEMBER	11029	PepperMill Reno	CF12176	11/19/2019	033301	\$ 10.83	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	PepperMill Reno	CF12177	11/19/2019	033301	\$ 19.86	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	Enterprise Rental Car	CF12178	11/19/2019	033301	\$ 330.21	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	TST Greenhill Garden	CF12179	11/19/2019	033301	\$ 21.07	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	PepperMill Reno	CF12180	11/19/2019	033301	\$ 957.30	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	EPIC	CF12182	11/19/2019	033301	\$ 2,500.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	Bazaar Euro Deli	CF12174	11/19/2019	033301	\$ 12.90	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	PepperMill Reno	CF12175	11/19/2019	033301	\$ 20.49	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
11029		WRJDA	CF12189	11/19/2019	033301	\$ 50.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
11029		Residence Inn Golden Colorado	CF12190	11/19/2019	033301	\$ 1,645.85	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
11029		Shelton Atlanta	CF12196	11/19/2019	033301	\$ 170.06	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
11029		EPIC	CF12171	11/19/2019	033301	\$ 5,000.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
11029		Delta Airlines	CF12172	11/19/2019	033301	\$ 30.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
11029		Delta Airlines	CF12173	11/19/2019	033301	\$ 30.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
11029		DeVaul Publishing	CF12181	11/19/2019	033301	\$ 25.00	2-08-539-000 CF -	MISC EXPENSES	
11029		USPS	CF12183	11/19/2019	033301	\$ 7.35	2-08-539-000 CF -	MISC EXPENSES	
11029		FS Toms Plannet	CF12185	11/19/2019	033301	\$ 42.59	2-08-539-000 CF -	MISC EXPENSES	
11029		WARPC	CF12188	11/19/2019	033301	\$ 25.00	2-08-539-000 CF -	MISC EXPENSES	
11029		USPS	CF12191	11/19/2019	033301	\$ 4.81	2-08-539-000 CF -	MISC EXPENSES	
11029		SOR Inc	CF12184	11/19/2019	033301	\$ 833.38	2-08-544-000 CF -	MAINT OF ELECTRIC PLANT - HYDRAULIC	
11029		Etrailer Corporation	CF12195	11/19/2019	033301	\$ 71.81	2-08-544-000 CF -	MAINT OF ELECTRIC PLANT - HYDRAULIC	
11029		Amazon	CF12187	11/19/2019	033301	\$ 118.57	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
11029		Falview Microwave	CF12192	11/19/2019	033301	\$ 289.64	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
11029		Northern Tool	0068660	11/19/2019	033301	\$ 4,188.02	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
11029		Northern Tool	0068669	11/19/2019	033301	\$ 1,725.53	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
11029		Etrailer Corporation	CF12194	11/19/2019	033301	\$ 269.87	2-00-184-012 CF -	EQUIP - TRANSPORTATION EXP	
11029		IN Palmflex Inc	CF12186	11/19/2019	033301	\$ 97.88	2-09-539-002 SPCF -	MISC. EXPENSES NON LABOR	
11029		National Fire Protection Association	CF12193	11/19/2019	033301	\$ 199.45	2-09-539-002 SPCF -	MISC. EXPENSES NON LABOR	
DECEMBER		11029	Townplace Suites	CF12266	12/19/2019	033373	\$ 307.32	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
		11029	Townplace Suites	CF12273	12/19/2019	033373	\$ 285.24	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES
	11029	Outfitter Satellite Phones	CF12279	12/19/2019	033373	\$ 143.14	2-08-539-000 CF -	MISC EXPENSES	
	11029	USPS	CF12268	12/19/2019	033373	\$ 8.95	2-08-539-000 CF -	MISC EXPENSES	
	11029	USPS	CF12274	12/19/2019	033373	\$ 25.60	2-08-539-000 CF -	MISC EXPENSES	
	11029	USPS	0070288	12/19/2019	033373	\$ 38.90	2-08-543-000 CF -	MAINT OF RESERVOIRS, DAMS & WATERWAYS	
	11029	USPS	0070289	12/19/2019	033373	\$ 17.84	2-08-543-000 CF -	MAINT OF RESERVOIRS, DAMS & WATERWAYS	
	11029	USPS	0070290	12/19/2019	033373	\$ 5.00	2-08-543-000 CF -	MAINT OF RESERVOIRS, DAMS & WATERWAYS	
	11029	Americas Governor	CF12276	12/19/2019	033373	\$ 982.89	2-08-544-000 CF -	MAINT OF ELECTRIC PLANT - HYDRAULIC	
	11029	Timberwolf Farm & Feed	CF12280	12/19/2019	033373	\$ 56.05	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	NFPA Fire Protection	CF12281	12/19/2019	033373	\$ 31.80	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	NFPA Fire Protection	CF12282	12/19/2019	033373	\$ 195.50	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Timberwolf Farm & Feed	CF12278	12/19/2019	033373	\$ 199.40	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Industrial Ladder	0070291	12/19/2019	033373	\$ 1,973.65	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Amazon	CF12267	12/19/2019	033373	\$ 252.58	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Amazon	CF12270	12/19/2019	033373	\$ 46.18	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Test Oil	CF12271	12/19/2019	033373	\$ 40.00	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Amazon	CF12272	12/19/2019	033373	\$ 97.01	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	Amazon	CF12277	12/19/2019	033373	\$ 57.41	2-08-545-000 CF -	MAINT OF MISCELLANEOUS HYDRAULIC PLA	
	11029	PK Safety Supply	CF12275	12/19/2019	033373	\$ 225.39	2-09-539-002 SPCF -	MISC. EXPENSES NON LABOR	
JANUARY	11029	Denver Marriott	CF12345	1/15/2020	033438	\$ 1,019.93	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	Denver Marriott	CF12346	1/15/2020	033438	\$ 72.96	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	BGATExam.com	CF12351	1/15/2020	033438	\$ 29.95	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	BGATExam.com	CF12353	1/15/2020	033438	\$ 10.00	2-09-921-002 SPCF -	OFFICE SUPPLIES AND EXPENSES	
	11029	WARPC	CF12347	1/15/2020	033438	\$ 25.00	2-08-539-000 CF -	MISC. EXPENSES	

11029	Clarkeem	CF12349	1/15/2020	033438	\$ 795.00	2-08-539-000 CF - MISC EXPENSES
11029	American Fisheries Society	CF12354	1/15/2020	033438	\$ 100.00	2-08-539-000 CF - MISC EXPENSES
11029	Master 5 Electronics	0070777	1/15/2020	033438	\$ 1,331.97	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Certified Material Testing Products	CF12350	1/15/2020	033438	\$ 50.82	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	The Home Depot	CF12352	1/15/2020	033438	\$ 16.76	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Amazon	CF12348	1/15/2020	033438	\$ 10.73	2-08-921-000 CF - OFFICE SUPPLIES AND EXPENSES
FEBRUARY						
11029	Staples	CF12461	2/19/2020	033538	\$ 11.89	2-08-537-060 CF - ENDANGERED SPECIES ACT REQUIREMENTS
11029	Books International	CF12462	2/19/2020	033538	\$ 153.00	2-08-537-060 CF - ENDANGERED SPECIES ACT REQUIREMENTS
11029	NW Hydroelectric Association	CF12460	2/19/2020	033538	\$ 450.00	2-08-539-000 CF - MISC EXPENSES
11029	USPS	CF12465	2/19/2020	033538	\$ 3.20	2-08-539-000 CF - MISC EXPENSES
11029	USPS	CF12468	2/19/2020	033538	\$ 11.00	2-08-539-000 CF - MISC EXPENSES
11029	PCE Pacific	0071608	2/19/2020	033538	\$ 8,417.11	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Westway Electrical Supply	CF12466	2/19/2020	033538	\$ 253.43	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Geopac Controls	CF12470	2/19/2020	033538	\$ 499.68	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	The Home Depot	CF12473	2/19/2020	033538	\$ 309.56	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Unbed Electric Supply	CF12474	2/19/2020	033538	\$ 529.91	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Forestry Supplies	CF12471	2/19/2020	033538	\$ 134.49	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Tri-City Herald	CF12476	2/19/2020	033538	\$ 375.00	2-08-921-000 CF - OFFICE SUPPLIES AND EXPENSES
11029	eTrailer.com	CF12469	2/19/2020	033538	\$ 94.19	2-00-384-012 CF - EQUIP - TRANSPORTATION EXP
11029	Walmart	CF12464	2/19/2020	033538	\$ 33.40	2-09-542-002 SPCF - STRUCTURES NON LABOR
MARCH						
11029	Coiltron Inc	0072214	3/19/2020	033611	\$1,459.61	2-08-543-000 CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS
11029	European Electrical	0072215	3/19/2020	033611	\$2,727.40	2-08-543-000 CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS
11029	Delta Airlines	CF12551	3/19/2020	033611	\$214.80	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	The Farm Store	CF12552	3/19/2020	033611	\$7.56	2-08-537-010 CF - CFP FISH & WILDLIFE
11029	Amazon	CF12553	3/19/2020	033611	\$30.29	2-08-537-010 CF - CFP FISH & WILDLIFE
11029	USPS	CF12554	3/19/2020	033611	\$35.45	2-08-539-000 CF - MISC EXPENSES
11029	Zoro Tools	CF12555	3/19/2020	033611	\$66.49	2-09-539-002 SPCF - MISC. EXPENSES NON LABOR
11029	USPS	CF12556	3/19/2020	033611	\$7.75	2-08-539-000 CF - MISC EXPENSES
11029	Martek LED	CF12557	3/19/2020	033611	\$92.95	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	LED Tronics	CF12558	3/19/2020	033611	\$344.10	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Amazon	CF12559	3/19/2020	033611	\$129.33	2-08-537-020 CF - RECREATION
11029	Flowscom	CF12560	3/19/2020	033611	\$331.92	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Building Industry Assoc.	CF12561	3/19/2020	033611	\$350.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Batteries Plus	CF12562	3/19/2020	033611	\$82.97	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
APRIL						
11029	Everything attachments	0072904	4/17/2020	033695	\$ 5,190.57	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Northern Tool	0072905	4/17/2020	033695	\$ 2,852.07	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Home Depot	0072906	4/17/2020	033695	\$ 1,126.08	2-08-543-000 CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS
11029	Hyatt Regency Seattle	CF12632	4/17/2020	033695	\$ 730.80	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Hyatt Regency Seattle	CF12633	4/17/2020	033695	\$ 135.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Costco	CF12634	4/17/2020	033695	\$ 23.99	2-08-539-000 CF - MISC EXPENSES
11029	Delta Air	CF12635	4/17/2020	033695	\$ 30.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Delta Air	CF12636	4/17/2020	033695	\$ 30.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Port of Seattle	CF12637	4/17/2020	033695	\$ 149.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Westin Hotel	CF12638	4/17/2020	033695	\$ 1,381.65	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Yellow Cab	CF12639	4/17/2020	033695	\$ 35.20	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Westin Hotel	CF12640	4/17/2020	033695	\$ 353.34	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Comfort Suites	CF12641	4/17/2020	033695	\$ 114.92	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Sunbirds	CF12642	4/17/2020	033695	\$ 124.32	2-08-537-010 CF - CFP FISH & WILDLIFE
11029	Best Buy	CF12643	4/17/2020	033695	\$ 100.24	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Amazon	CF12644	4/17/2020	033695	\$ 68.88	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	USPS	CF12645	4/17/2020	033695	\$ 4.20	2-08-539-000 CF - MISC EXPENSES
11029	Everything attachments	CF12646	4/17/2020	033695	\$ 862.40	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	USPS	CF12647	4/17/2020	033695	\$ 1.80	2-08-539-000 CF - MISC EXPENSES
11029	Motton industries	CF12648	4/17/2020	033695	\$ 789.40	2-08-543-000 CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS
11029	Costco	CF12649	4/17/2020	033695	\$ 213.49	2-09-539-000 SPCF - MISC. EXPENSES
11029	USPS	CF12650	4/17/2020	033695	\$ 2.80	2-08-539-000 CF - MISC EXPENSES
11029	Palmflex	CF12651	4/17/2020	033695	\$ 168.54	2-09-539-002 SPCF - MISC. EXPENSES NON LABOR
11029	Monster Worldwide	CF12652	4/17/2020	033695	\$ 249.00	2-08-921-000 CF - OFFICE SUPPLIES AND EXPENSES
11029	BH Photo	CF12653	4/17/2020	033695	\$ 516.90	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Hotstart Sales	CF12654	4/17/2020	033695	\$ 443.93	2-08-543-000 CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS
11029	Home Depot	CF12655	4/17/2020	033695	\$ 93.74	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Home Depot	CF12656	4/17/2020	033695	\$ 270.94	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	NW Home Center	CF12657	4/17/2020	033695	\$ 28.01	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Home Depot	CF12658	4/17/2020	033695	\$ 92.94	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Industrial Air Power	CF12659	4/17/2020	033695	\$ 357.14	2-08-543-000 CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS
MAY						
11029	Amazon	CF12753	5/19/2020	033798	\$ 163.68	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Amazon	CF12753	5/19/2020	033798	\$ 24.47	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	My Commerce	CF12753	5/19/2020	033798	\$ 276.78	2-08-539-000 CF - MISC EXPENSES

2 Low Band two way radios, remote mount kit, cable and programming	
Membership	
5 Solid State voltage sensors	
Concrete crack width gauge	
Purple Primer and PVC Cement	
Magnets	
Staples Desk Calendar	
3 books (1. SYR&S Salmonid Spawning, 2. Behavior & Ecology and 3. Inland Fishes of Washington)	
Joe First conference registration	
FERC and DOH Mailing	
Stamps	
2 Keystone 12IN GR Lug butterfly valve and 2 Keystone 16IN GR Lug Butterfly Valve	
Appleton A1A510 60A/100 1-1/2 Unilet (Light Outlet)	
Chart Paper 15 Pads Yokogawa	
12 Leviton 1500W Incandescent Lampholder	
150 3/4 In pipe strap aluminum and 50 Pipe Spacer Aluminum for conduit	
Duck BB Anchor and Driving Rod	
Generation Superintendent Advertisement (HR)	
LED Trailer lights, light bar and sealed battery	
5 Purple Power Degreaser 1 gallon jugs	
Governor Coils	
K200 Gearbox	
Joe First training airfare (CEATI Dam Safety)	
Cedar Shavings	
Sandbags	
EAP Mailing	
Gloves	
FERC Mailing	
LED Bulbs	
Lighting	
Dog Waste Bags	purchased again on 4/17 for 68.88
Water meters	
Registration for Erosion & Sediment controls training	
Battery	
AgriMetal Tractor hitch leaf blower	
NorthStar log splitter	
1 Skewed left galvanized Truss and 1 skewed right galvanized truss	
Joe First hotel room for NW Hydro Conference	
Parking at hotel	
Coffee	
Baggage Fee	
Return trip baggage fee	
SeaTac parking	
Joe First hotel room for CEATI Hydro conference	
Taxi Fare	
Joe First hotel	
Hotel for Laura Wolfe for Coastal Training program	
WDFW Kids derby	FY 2020 funds for FY 2021
Microwave	
Dog waste can liners	
Mailing	
AgriMetal Tractor hitch leaf blower freight	
Mailing to Washington DC	
Trash Rake bearings	
Batteries, soap and work gloves	laundry soap?
Mailing to Washington DC	
Nitrile Gloves	disposal? 100 large for \$12.48 on internet
Job posting	
AVD Reel Divider with 3" casters	9/22 check on internet - free shipping most under \$500
SB 2000 W 120V 100-120F	
37" and 47" Coal Scoop with steel blade	same date, store & purchase but different amounts
Heavy Gauge Steel wheel barrow & 2 Wood handle square point shovels	
Poly Rope	
37" and 47" Coal Scoop with steel blade	
Governor Air Compressor	
Aerokroll Penetrating Oil Industrial Size (4 @25.31)	
2 Pack 4lb Arm & Hammer Baking Soda	
Digital River Software	

11029	Building Industry Assoc.	CF12753	5/19/2020	033798	\$ (350.00)	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	MK Direct	0073649	5/19/2020	033798	\$ 2,475.94	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Amazon	0073650	5/19/2020	033798	\$ 4,902.22	2-08-539-000 CF - MISC EXPENSES
11029	Amazon	CF12750	5/19/2020	033798	\$ 128.28	2-08-539-000 CF - MISC EXPENSES
11029	USPS	CF12754	5/19/2020	033798	\$ 18.90	2-08-539-000 CF - MISC EXPENSES
11029	Pacific Power Group	CF12756	5/19/2020	033798	\$ 291.07	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
JUNE						
11029	Powerhouse Tool Inc	0074262	6/19/2020	033868	\$ 1,164.66	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Appliances Connection	0074267	6/19/2020	033868	\$ 1,776.12	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Swagelok NW	0074268	6/19/2020	033868	\$ 899.51	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	Swagelok NW	0074269	6/19/2020	033868	\$ 2,082.19	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	ASPA	CF12822	6/19/2020	033868	\$ 1,175.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	USPS	CF12823	6/19/2020	033868	\$ 70.00	2-08-539-000 CF - MISC EXPENSES
11029	The Chronicle	CF12824	6/19/2020	033868	\$ 91.50	2-08-539-000 CF - MISC EXPENSES
11029	USPS	CF12825	6/19/2020	033868	\$ 208.00	2-08-539-000 CF - MISC EXPENSES
11029	Hach Company	CF12826	6/19/2020	033868	\$ 87.20	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Portland Bolt & Manufacturing	CF12827	6/19/2020	033868	\$ 295.24	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
JULY						
11029	No	CF12880	7/16/2020	033934	385.91	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Vendor names	CF12881	7/16/2020	033934	363.81	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	provided	CF12882	7/16/2020	033934	80.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	just	CF12883	7/16/2020	033934	64.67	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	just marked	CF12884	7/16/2020	033934	8.25	2-08-539-000 CF - MISC EXPENSES
11029	Cardmember	CF12885	7/16/2020	033934	429.00	2-08-544-000 CF - MAINT OF ELECTRIC PLANT - HYDRAULIC
11029	Services	CF12886	7/16/2020	033934	350.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
AUGUST						
11029	American Public University	CF12976	8/19/2020	034039	\$ 1,175.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Amazon	CF12977	8/19/2020	034039	\$ 99.12	2-08-921-000 CF - OFFICE SUPPLIES AND EXPENSES
11029	The Home Depot	CF12978	8/19/2020	034039	\$ 439.30	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
SEPTEMBER						
11029	Gumleaf	CF13042	9/17/2020	034113	\$ 620.00	2-08-537-020 CF - RECREATION
11029	NWPPA	CF13043	9/17/2020	034113	\$ 225.00	2-09-921-002 SPCF - OFFICE SUPPLIES AND EXPENSES
11029	Amazon	CF13044	9/17/2020	034113	\$ 225.09	2-08-545-020 CF - MAINT OF CAMPGROUNDS
11029	Walmart	CF13045	9/17/2020	034113	\$ 100.40	2-08-545-000 CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA
11029	USPS	CF13046	9/17/2020	034113	\$ 76.00	2-08-539-000 CF - MISC EXPENSES
11029	USPS	CF13047	9/17/2020	034113	\$ 8.25	2-08-539-000 CF - MISC EXPENSES
11029	Amazon	CF13048	9/17/2020	034113	\$ 129.33	2-08-545-020 CF - MAINT OF CAMPGROUNDS

Training course refund	
Floor scraper, grinder and associated sand paper discs	
2 Metal filing cabinets for engineering drawings	
Determined to be personal use, reimbursed by employee	
FERC Mailings	
Gaskets, sleeves and washers	
Headset kit	
Commercial Washer and Dryer	
Stainless Steel Seamless tubing 1 inch	
Stainless Steel Seamless tubing 1 inch	
American Public Power University training course for Laura	
USPS Fee for FERC Mailing	
Advertising	
PO Box Renewal fee	
Chlorine	
Galvanized Hex Bolts, nuts and hard washers	
Joe first room (and parking) for SCADA work in Mukilteo	
Nathan Anderson room for SCADA work in Mukilteo	
Biologist training	
Indoor dryer vent kit	
grate mailing	
Spare parts for K200 gearbox	
Thomas Beebe Erosion Control Training	
Fisheries Management Course - Laura Training	
2 Ricoh Magenta Ink Cartridges	
2 36"x40" pre hung doors, shine, foam insulation, rebar and steel wire remesh sheets	
2 pair Viking 7ix Mens boots	
Microsoft Training	
20 Hunter PGP - ADJ Sprinkler heads	
8 - 1 gallon Purple Power Degreaser	
PO Box rental fee	
Shipping	
Dog waste bags	

Doug -- 1/24/2020	A PO is required, by policy, for purchases of (a) inventory (b) materials, equipment or supplies in excess of \$1000 and (c) public works contracts greater than \$1000. As for credit cards, not all employees have access and the use of them is defined by a policy, they are used when required by a vendor or for places where the District does not have an open account. We are currently evaluating our credit cards program District wide.
Labromboise Communications	-local newspaper covers west Lewis County
DeVaul	covers east Lewis County
Doug - 3/24/2020	POV - reimbursement for the use of a personal vehicle for authorized business travel will be paid at the full IRS mileage reimbursement rate in effect at the time of travel. Out-of-pocket expenses such as parking and tolls are also reimbursed. The driver/owner of the vehicle must carry insurance coverages as required by law. Authorized business miles will be reimbursed based on the following guidelines: (1) Business travel that commences or terminates at your assigned workstation is reimbursed at actual miles (2) business travel that commences or terminates at your residence is reimbursed at the lesser of either (a) your assigned workstation to destination or (b) your residence to destination.

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: Carlson,Debbie (BPA) - PGAC-RICHLAND
Sent: Thursday, January 30, 2020 1:28 PM
To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND
Cc: Todd,Wayne A (BPA) - PGA-6
Subject: Packwood ballpark
Attachments: SCPL400228920012913080.pdf

Hi –

You may recall when we met with LCPUD on January 15 to discuss the FY 2020 Budget on of the items discussed was Packwood Irrigation. We had commented that the property is not within the Project boundary; BPA authorizes maintaining existing budget but with no improvements. LCPUD replied, “LCPUD will defer this item.” When asked what defer meant Joe said, “to talk about later.”

The attached is a letter received from FERC today. On page 3 under Director orders – letter (B) it states, “Specifically, the updated revised recreation plan must be revised to remove all references to the Packwood Community Ballpark, including photographs, site plan and facility design drawings, and relevant text describing site conditions and facilities.” It is pretty clear the ballpark is no longer a responsibility for the CFP so and future discussion on irrigation seems mute.

Also the maintenance cost, does BPA want to continue with that cost? In the spring there is ground work that is done. Daily gate opening/closing. Staff from the campground go out a couple times a week to straighten things up. I don’t belief there is garbage pickup but there MIGHT port–a–pot service. We budgeted for this for FY 2020.

Just something else to think about...

debbie

170 FERC ¶ 62,065
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Public Utility District No. 1 of Lewis County

Project No. 2833-114

ORDER AMENDING RECREATION PLAN

(Issued January 30, 2020)

1. On October 24, 2019, Public Utility District No. 1 of Lewis County, Washington (District or licensee), filed an application to amend the approved revised recreation plan for the Cowlitz Falls Hydroelectric Project No. 2833 to exclude an existing day-use site (Packwood Community Ballpark) from the project. The project is located at the confluence of the Cispus and Cowlitz Rivers in Lewis County, Washington.
2. The Commission licensed the construction and operation of the 70.2-megawatt Cowlitz Falls Project in 1986. Article 42 of the project license requires, among other things, the District to construct and provide recreation facilities described in the project's approved Exhibit R (a recreation plan submitted as part of the license application). Among the required recreation facilities of the Exhibit R was a new day use park designed to meet the needs of residents of Randle and Packwood, Washington. The park was to include a picnic shelter, restrooms, six picnic units, one multipurpose athletic field, and 80 parking spaces.
3. Subsequently, the District filed a revised recreation plan, for Commission approval, with a proposal to construct two separate day-use parks, instead of a single day-use park. By Order Approving Revised Recreation Plan issued April 25, 1994 (1994 Order), Commission staff approved the proposed revised recreation plan.¹ The revised recreation plan includes a new day-use site to be located on project lands next to an existing campground (Cowlitz Falls Campground) near Randle, Washington (Randle Site)² and a new day-use site (Packwood Community Ballfield) to be constructed near Packwood, Washington; located outside the project boundary about 15 miles northeast of the project.³ Both sites have been constructed and include similar facilities, including,

¹ 67 FERC ¶ 62,069.

² The Randle site is also known as Leonard "Bud" Allen Park and is integral with the existing campground complex.

³ The revised recreation plan does not relate to the project's Cooper Canyon Whitewater Boating Take-Out Site and associated alternate take-out sites or the project's Cowlitz Falls Day-use Park. These recreation facilities are addressed under the

but not limited to, multipurpose ballfields, picnic shelters, picnic units, restroom facilities, and parking areas. The 1994 Order required the licensee to file, for Commission approval, as-built drawings of the completed recreation facilities. By Order Approving As-Built Drawing issued May 22, 1998 (1998 Order), Commission staff approved an as-built drawing for the Packwood Community Ballpark.⁴

4. In October 2016, the Commission received an allegation of non-compliance regarding the Packwood Community Ballpark alleging that the licensee failed to include this recreation site within the project boundary. Commission staff investigated this allegation and by letter issued March 1, 2017, identified its findings.

5. In its March 1, 2017 letter, Commission staff noted that neither the license order nor subsequent orders (referenced above) specifically require Packwood Community Ballpark to be included within the project boundary⁵; and that the licensee completed the recreation facilities at the site as required by the 1994 Order. In addition, Commission staff stated that the recreation facilities at Packwood Community Ballpark are very similar to the recreation facilities at the Randle Site, which are located on project lands within the project boundary. and that the Packwood Community Ballpark is not directly associated with public recreational access to project waters or facilities. In conclusion, Commission staff found that the Packwood Community Ballpark should not be added to the project boundary because of an insufficient connection to project purposes and the availability of similar facilities closer to the project. Further, Commission staff found that the approved revised recreation plan should be amended to exclude Packwood Community Ballpark as a project recreation site and directed the licensee to file the subject amendment application.

6. In its amendment application, the licensee reiterates the history of its involvement with the Packwood Community Ballpark, Commission staff's action on the project's revised recreation plan, and the findings of Commission staff's March 1, 2017 letter. Pursuant to Commission staff's March 1, 2017 letter, the licensee requests that the Packwood Community Ballpark be removed from the project's revised recreation plan.

Commission's Order Amending Whitewater Boating Take-Out Site Plan (167 FERC ¶ 62,074) issued April 30, 2019 and the requirements of Article 42, respectively.

⁴ 83 FERC ¶ 62,154.

⁵ By Order Approving Revised Exhibit K Drawings (87 FERC ¶ 62,095) issued April 22, 1999, Commission staff approved the current project boundary (Exhibit K) drawings for the project. The current Exhibit K drawings do not show Packwood Community Ballfield within the boundary. In approving these drawings, Commission staff did not require the recreation site to be added to the project boundary.

Similarly, the licensee requests the previously approved as-built drawing be removed from the project license.

7. The licensee's amendment request is consistent with Commission staff's March 1, 2017 findings and would effectively remove the Packwood Community Ballpark as a project recreation facility. For these reasons, the licensee's proposed amendment to the revised recreation plan should be approved. On a related note, Commission staff's 1998 Order should be rescinded given the above amendment of the plan.

8. In order to ensure that the project's revised recreation plan reflects the above modifications, the licensee should file with the Commission an updated copy of the current revised recreation plan with the Packwood Community Ballpark removed. Specifically, the updated revised recreation plan should be revised to remove all references to the Packwood Community Ballpark, including photographs, site plan and facility design drawings, and relevant text describing site conditions and facilities. All other aspects of the current revised recreation plan should remain unchanged.

The Director orders:

(A) Public Utility District No. 1 of Lewis County's application filed October 24, 2019, to amend the approved revised recreation plan for the Cowlitz Falls Hydroelectric Project No. 2833 to remove Packwood Community Ballpark, is approved. The Order Approving As-Built Drawing issued May 22, 1998 is rescinded.

(B) Within 90 days from the issuance date of this order, the licensee must file with the Commission an updated copy of the project's approved revised recreation plan with the Packwood Community Ballpark removed. Specifically, the updated revised recreation plan must be revised to remove all references to the Packwood Community Ballpark, including photographs, site plan and facility design drawings, and relevant text describing site conditions and facilities. All other aspects of the current revised recreation plan must remain unchanged.

(C) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 825i (2018), and the Commission's regulations at 18 C.F.R. § 385.713 (2019). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee's failure to file a request for rehearing shall constitute acceptance of this order.

Robert J. Fletcher

Land Resources Branch
Division of Hydropower Administration
and Compliance

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Thursday, July 2, 2020 6:15 AM
Subject: [EXTERNAL] Project Operations Compliance Report submitted in FERC P-2833-108 by Lewis County PUD,et al.

On 7/2/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Lewis County PUD
Public Utility District No. 1 of Lewis County (WA) (as Agent)

Docket(s): P-2833-108
Lead Applicant: Public Utility District No. 1 of Lewis County (WA)
Filing Type: Project Operations Compliance Report
Description: 2019 Copper Canyon Creek Take-Out Site Monitoring Report with attachments under P-2833.

To view the document for this Filing, click here
http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200702-5037

To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.
Online help is available here:
<http://www.ferc.gov/efiling-help.asp>
or for phone support, call 866-208-3676.

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

July 1, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

By e-Filing

RE: Cowlitz Falls Hydroelectric Project – Project No. 2833-108 –
Monitoring Report on Recreational Usage at Copper Canyon Creek
Whitewater Takeout Site

Dear Secretary Bose:

In accordance with Ordering Paragraph (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-Out Site Plan (167 FERC ¶ 62,074), Public Utility District No. 1 of Lewis County (District) submits the attached *2019 Copper Canyon Creek Take-Out Site Monitoring Report*. On March 9 and June 8, 2020, the Commission granted the District's requests to extend the time for filing the initial Monitoring Report, most recently to July 1, 2020.

The Monitoring Report was developed in consultation with stakeholders identified in Paragraph (E) of the April 30, 2019 order, who were provided with a draft report and related monitoring data on March 30, 2020. Appended to the report are comments received on the draft report as well as minutes of meetings held with members of the whitewater community May 16, 2019, September 19, 2019, October 7, 2019, and April 23, 2020. Also appended to the report are vehicle count data recorded by the District's camera during calendar year 2019.

The District is continuing to monitor usage at the Copper Canyon Creek take-out site during 2020 and, as required by Paragraph (E) of the April 30, 2019 order, will submit its next monitoring report by April 1, 2021. Please contact me with any questions about the attached report.

Sincerely,

(b) (6)

Joseph M. First
Generation Manager
Cowlitz Falls Project

cc: Port Blakely Tree Farms, LLP
Whitewater stakeholder distribution list
Jon Cofrancesco, FERC-DHAC
Debbie Carlson, BPA

2019 Copper Canyon Creek Take-Out Site Monitoring Report

June 30, 2020

This report summarizes the 2019 recreational usage of Copper Canyon Creek Take-Out Site. The report includes an assessment of the condition of the take-out site. LCPUD staff met with the agencies and whitewater community three times in 2019 and summaries are included. A description of the electronic monitoring is incorporated into the report.

1. Monitoring Data

The roadway is continually electronically monitored to count vehicles entering Copper Canyon Creek Take-Out Site. The electronic monitoring data was recorded for each day in 2019. Three times each year, data is downloaded from the camera. The camera photos are dated. The photos are reviewed to count each vehicle. Additionally, manual vehicle counts were also performed. Manual vehicle counts are typically performed on weekends and are designed to capture a “snapshot” of vehicle presence at one moment during the day.

The manual vehicle count protocol is consistent with what recreational facilities use throughout the country. The data is slightly biased toward more usage by not randomizing the visits and making sure the site was monitored on weekends and generally close to mid-day.

The camera that was set up is intended to capture vehicles entering Copper Canyon Creek Take-Out Site. LCPUD tested and confirmed that the camera captured vehicles driving into the camera field view. However, there are discrepancies where boaters indicated that they were at the site and were not included in the vehicle counts. Additional testing of the vehicle monitoring and verifying the data is needed in the future. Vehicle monitoring program was helpful in 2019 to identify improvements that can be made to capture recreational usage data.

There are six parking spaces at Copper Canyon Creek Take-Out Site that the recreational visitors have been seen to regularly use. These spots are along the side of the roadway loop or in undeveloped side spaces. Because the vehicle monitoring data is not robust enough to determine valid vehicle counts, the parking space usage calculations will not be performed for 2019. LCPUD will have better data in future years and will be able to determine take-out site parking usage.

All data was used and not selected data for prescribed periods of time. The monitoring data is attached.

2019 Copper Canyon Creek
Take-Out Site Monitoring Report

2. Condition Assessment

- a. The roadway is in excellent condition. LCPUD personnel cleared downed tree limbs when needed. Some small debris can accumulate on the roadway but does not affect vehicle use.
- b. The parking areas are not all completely graveled and can be muddy at times. The parking areas were cleared of brush and branches. The proposed new parking areas will be graveled and provide additional spaces for high volume usage days.
- c. The river exit and take-out walkway to the roadway were in excellent condition. LCPUD personnel cleared downed tree limbs when needed. The ramp exiting the river was in excellent condition.
- d. The trail from the roadway to Copper Canyon Creek was in excellent condition. The trail pathway was firm and clear of brush and tree limbs. No additional major work is needed. LCPUD's proposal includes re-graveling the trail at the same time the new parking area is developed.
- e. The area around the picnic table was kept clear of vegetation. LCPUD added a second picnic table. The picnic tables are in good condition. The proposed improvements include adding gravel to the picnic table area.
- f. The portable restroom was not cleaned regularly by the contractor hired to perform this work. LCPUD contacted this contractor several times with poor results. The contractor did not fulfill their responsibilities with regular servicing of the portable restroom. The contractor was to service the portable restroom every two weeks.
- g. The take-out site area was kept clean of trash. LCPUD performed regular inspections of the take-out site.
- h. LCPUD installed new informational signs on the reader board at the entrance to the roadway loop.

3. Meetings with Agencies and Whitewater Community

LCPUD met with the agencies and whitewater boating community for the annual meeting on May 16, 2019, the take-out site plan review September 19, 2019, and a tour of the three take-out sites on October 7, 2019. Summaries for these meetings are attached.

4. 300 and 340 Road Closures

Access to the Copper Canyon Creek Take-Out Site is by Port Blakely's 300 and 340 roads. There were no 300 or 340 road closures in 2019. Port Blakely road closure information for the 300 and 340 roads are posted on their website and on the LCPUD website.

5. Electronic Monitoring Description

LCPUD uses a camera at the located at the beginning of the roadway loop to monitor vehicle traffic. The camera is a battery operated digital camera with a motion detector. The camera

20200702 0857 PARK ID# (010111011) 7/1/2020 0:32:13 PM

2019 Copper Canyon Creek
Take-Out Site Monitoring Report

is placed to record all vehicle traffic that enters Copper Canyon Creek Take-Out Site. The camera is capable of counting 2-axle and 3-axle or more vehicles. LCPUD downloaded the data on the camera and viewed the images to count vehicles.

A second camera was installed that looked at the exit ramp from the river to the roadway. This camera was not for vehicle monitoring but was used for detecting vandalism. LCPUD did not use this camera for recreational usage. LCPUD later removed this camera from the take-out site.

6. Comment Box

The onsite comment box at Copper Canyon Creek Take-Out Site was removed. LCPUD did not retrieve the comments regularly and the comments left by recreational users were water damaged. We have set up a comment section on the website that recreational users can enter comments. The online line comments will lead to better response time and tracking.

7. Responses to Boater Comments and Future Improvements

- a. LCPUD proposes to continue vehicle monitoring for an additional year due to the issues in verification of data.
- b. LCPUD will develop a method for validating vehicle count data for 2020.
- c. LCPUD will install an additional vehicle counter to compare with camera vehicle counts for three months October 2020-December 2020.
- d. LCPUD will perform more manual vehicle counts during weekdays during normal inspections.
- e. LCPUD will install a sign that lists the link to the online recreational user comment web page.
- f. LCPUD received comments about needing to gravel the parking areas, picnic area, and trail. Locations with new gravel such as the parking and picnic areas will need agency approval and permitting. The proposed take-out site improvements include developing new parking, graveling the picnic area, and graveling the existing parking spaces. The trail is in excellent condition and does not need to be graveled prior to implementing the new proposed take-out site improvements.
- g. LCPUD received comments about the condition of the trail from the roadway to Copper Canyon Creek. The comments submitted state the trail is in poor condition. The District strongly asserts that the trail is in excellent condition needs no additional work. The evidence submitted by the boaters supports LCPUD's assertions. LCPUD will re-gravel the trail at the same time as the other gravel work at the take-out site is performed.
- h. LCPUD changed the portable restroom servicing schedule from every two weeks to once a week and now performs regular checks to confirm servicing by the contractor.
- i. LCPUD is now inspecting the take-out site more often, usually weekly, but at least every two weeks.

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
1/1	1					1230
1/2	1					1110
1/3						
1/4						
1/5	1					1030
1/6						
1/7	2					983
1/8						
1/9	4					892
1/10						
1/11	2					1050
1/12	2					1060
1/13	5					975
1/14	2					933
1/15	3					925
1/16						
1/17	2					869
1/18						
1/19	5					900
1/20						
1/21	3					877
1/22	2					830
1/23						
1/24						
1/25						
1/26	1					917
1/27	5					900
1/28	1					877
1/29	3					884
1/30						
1/31	1					839
TOTAL	46					
2/1						

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
2/2	2					986
2/3						
2/4	2					890
2/5						
2/6	1					753
2/7						
2/8						
2/9						
2/10						
2/11	1					658
2/12						
2/13						
2/14						
2/15						
2/16						
2/17						
2/18						
2/19	1					550
2/20	1					540
2/21						
2/22	2					520
2/23						
2/24	1					515
2/25						
2/26						
2/27	1					481
2/28	1					477
TOTAL	13					
3/1	2					482
3/2	1					477
3/3	1					463
3/4	2					464
3/5	2					427

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
3/6						
3/7						
3/8	1					456
3/9	1					451
3/10	3					443
3/11	1					438
3/12						
3/13	2					448
3/14	2					440
3/15	2					445
3/16	3					436
3/17	11					464
3/18						
3/19	1					525
3/20	2					581
3/21	2					653
3/22	2			1	0	679
3/23	1					739
3/24	6					747
3/25	1					748
3/26						
3/27	3					742
3/28	1					695
3/29	1					709
3/30	1					710
3/31	2					710
TOTAL	57			1	0	
4/1	3					717
4/2	2					759
4/3						
4/4						
4/5	1					988
4/6	3					1120

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
4/7	6					1340
4/8						
4/9						
4/10						
4/11						
4/12	1					1830
4/13	3					1800
4/14	1					1760
4/15						
4/16						
4/17	4					1310
4/18	2					1310
4/19						
4/20	1					1650
4/21	4					1670
4/22	1					1600
4/23	2					1590
4/24						
4/25	1					1630
4/26	1					1540
4/27	7					1490
4/28	2					1410
4/29	1					1230
4/30	2					1110
TOTAL	48					
5/1				1	0	
5/2	1					1010
5/3	1					966
5/4	9			1	3	992
5/5	5					1050
5/6						
5/7	1					1290
5/8						

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
5/9	5			1	1	1540
5/10	2					1710
5/11	13					1790
5/12	7					1810
5/13						
5/14						
5/15	1					1550
5/16	5	1				1460
5/17						
5/18	15					1580
5/19	4					1570
5/20	1					1600
5/21	1					1630
5/22	1					1610
5/23	3					1420
5/24	2					1460
5/25	13	1				1380
5/26	17					1260
5/27	3			1	0	1270
5/28	3					1260
5/29	4			1	0	1250
5/30	1					1280
5/31						
TOTAL	118	2		5	4	
6/1	4			1	1	1290
6/2	8			1	2	1300
6/3	5					1250
6/4	2			1	0	1140
6/5	1					1030
6/6	4					1040
6/7	2					925
6/8	10			1	2	950
6/9	15					838

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
6/10	2					815
6/11	1					846
6/12	2					917
6/13						
6/14	4					958
6/15	9					861
6/16	8					815
6/17	1			1	0	808
6/18	2					801
6/19	1			1	0	765
6/20						
6/21	1					690
6/22	7					658
6/23	3					658
6/24	4					645
6/25	2					621
6/26	3			1	0	597
6/27	1			1	0	627
6/28	2					586
6/29	8					558
6/30	6					569
TOTAL	118			8	5	
7/1	6					569
7/2	4					574
7/3	2					547
7/4	7					563
7/5	9					558
7/6	12					536
7/7	5					536
7/8	5					525
7/9	4					510
7/10	3					558
7/11	2			1	1	536

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
7/12	5					530
7/13	6	1				489
7/14	10					474
7/15						
7/16						
7/17	2					488
7/18	2					534
7/19	6	1				472
7/20	9					466
7/21	6	2				442
7/22				1	0	
7/23	11	1				484
7/24	3					454
7/25	3					449
7/26	5					443
7/27	5					462
7/28	6					466
7/29	2					423
7/30	1					432
7/31	2					445
TOTAL	143	5		2	1	
8/1						
8/2	1			1	0	434
8/3	13					457
8/4	6					429
8/5	3					446
8/6						
8/7	1					450
8/8	4					458
8/9	3			1	0	458
8/10	5					617
8/11	8					476
8/12	3					446

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
8/13	2			1	0	423
8/14	3					409
8/15	2					417
8/16	3					417
8/17	11					403
8/18	9					394
8/19	1					373
8/20	2			1	0	401
8/21	3					409
8/22	4					440
8/23	3					383
8/24	4					395
8/25	4					382
8/26						
8/27	4			1	1	376
8/28	2					372
8/29	1			1	0	383
8/30	3					408
8/31	3					378
TOTAL	111			6	1	
9/1	12					394
9/2	5					334
9/3	2					341
9/4	1					360
9/5	3					321
9/6	1			1	0	339
9/7	4					350
9/8	6					420
9/9	4					398
9/10	5					389
9/11	1			1	0	352
9/12	3			1	1	329
9/13	1					355

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
9/14	11					331
9/15	5					354
9/16	2					345
9/17	1					372
9/18	3					401
9/19	3					380
9/20	5					332
9/21	9					335
9/22	6					338
9/23	1					357
9/24	2					361
9/25	1					337
9/26	3					344
9/27						
9/28	3					339
9/29	6					342
9/30						
TOTAL	109			3	1	
10/1	1					305
10/2	2					308
10/3				1	0	
10/4	2					308
10/5	10					312
10/6	4					298
10/7	4			1	0	305
10/8	3					414
10/9	5					423
10/10	2					401
10/11	8					364
10/12	12					356
10/13	9	1				341
10/14	1			1	0	345
10/15	5					345

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
10/16	3					333
10/17	4					414
10/18	6					504
10/19	8					603
10/20	6					744
10/21	3					658
10/22	3					846
10/23	2					861
10/24	5					658
10/25	6					597
10/26	7					621
10/27	9					536
10/28	3			1	0	520
10/29	2					494
10/30	5					451
10/31	2					437
TOTAL	142	1		4	0	
11/1	1					410
11/2	5					406
11/3	7					393
11/4	3					384
11/5	1					380
11/6	2					372
11/7	2					364
11/8	2					348
11/9	6					348
11/10	6					368
11/11	4					356
11/12	3					348
11/13	2					341
11/14	9					330
11/15	5			1	0	348
11/16	7					352

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
11/17	6					345
11/18						
11/19						
11/20	2					372
11/21						
11/22	2					356
11/23	1					345
11/24	3					341
11/25	1					348
11/26				1	0	
11/27	3					326
11/28	5					319
11/29	7					308
11/30	9					298
TOTAL	104			2	0	
12/1	5					301
12/2	3			1	0	308
12/3	4					305
12/4	8			1	2	301
12/5	5					298
12/6	8			1	1	301
12/7	5					312
12/8	7					333
12/9	4					322
12/10	1			1	0	319
12/11						
12/12	2					389
12/13	4					419
12/14	3					393
12/15	1					389
12/16	3			1	0	380
12/17						
12/18						

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
12/19				1	0	
12/20	3					3330
12/21	4					4770
12/22	2					3110
12/23	1			1	0	2280
12/24						
12/25						
12/26						
12/27						
12/28						
12/29						
12/30						
12/31						
TOTAL	73			7	3	
GRAND TOTAL	1,082	8		37	15	

Lower Cispus River Annual Meeting

Thursday, May 16, 2019 | Morton Auditorium



Meeting called by: Joe First

Type of meeting: 2019 Annual Meeting

NOTES

Agenda item: Opening/introductions **Presenter:** All

Agenda item: Review of 2018/2019 Copper Canyon Creek Take Out Site **Presenter:** Joe

Discussion:

LCPUD has been more diligent inspecting and maintaining the take out site. Clean up looks good.

Feedback provided to LCPUD: provide better up keep to the portable toilet. (out of toilet paper, portable toilet tipped over) Boaters suggested strapping down the portable toilet if possible and adding a camera pointed at the portable toilet.

September 2018-November 2018 website incorrect with road closures. LCPUD updated the website in some, but not all website locations in September-November 2018. LCPUD will be more attentive with website updates.

LCPUD will be adding more informational and directional signs at the take out site, should be up in the next two weeks.

Usage reporting-Approximately 1600 images to review from cameras. LCPUD is monitoring the take out site usage. LCPUD will count the usage to date by the end of June. There will be a 30 day review period, and will be included in our annual report to FERC.

Agenda item: Review of FERC Correspondence **Presenter:** Joe

Discussion:

Submitted detailed parking plan, monitoring plan, and alternate take out sites. LCPUD will provide draft plans for agencies and boaters for a 30 day review. LCPUD is planning to have these plans ready to review by August 30.

John and Peggy both mentioned that comments should be sent in the future to FERC.

Monitoring was requested to continue after sites constructed to get better data and also after parking is complete.

Comments on the plans will be due back to LCPUD by September 30. LCPUD will submit the final plans to FERC by October 30, 2019.

LCPUD is planning a reservoir drawdown mid-September through mid-October. Boaters would like to view boat ramp during drawdown.

Agenda item: Copper Canyon Creek Take Out Site Monitoring **Presenter:** Joe

Discussion:

Cameras and visual monitoring. Visual monitoring includes vehicles, trailers, people, etc. LCPUD will provide every 3 weeks maintenance, plus more monitoring for vandalism, wind damage, etc.

Boaters asked if monitoring will be provided for alternate sites. LCPUD responded when Copper Canyon is closed, alternate sites will be monitored, and cameras will also be placed at alternate sites.

Agenda item: Copper Canyon Creek Take Out Site Parking **Presenter:** Joe

Discussion:

LCPUD's goal is to maximize parking within agency guidelines.

Boaters request to send out aerial image before design work.

Ecology has visited site and DNR has been in contact with LCPUD regarding parking.

Boaters asked about standards used for design. LCPUD will create a detailed design this summer allowing for adequate vehicle turn around, etc.

Michael asked us about a possible picnic shelter area. Joe responded that he would like to keep the wild and scenic nature of the site.

Agenda item: Alternate Take Out Site **Presenter:** Joe

Discussion:

Laydown Alternate LCPUD will improve the road, add parking and gates. LCPUD proposed an overflow parking area for the Copper Canyon Creek Take Out site at the entrance to the laydown area.

Northshore Boat Launch Alternate Site-Upstream of the dam-electronically monitor with cameras. Possibly electronic vehicle gate. Will be open during times when the 300 road is closed due to fire danger. Will be shut down during flood drawdowns and will be available during maintenance drawdowns.

Agenda item: FERC License Compliance **Presenter:** Joe

Discussion:

Agenda item: Next Meeting **Presenter:** All

Discussion:

Agenda item: Closing **Presenter:** All

ACTION ITEMS

Action items	Person responsible	Deadline	Completed
Provide Usage Data	Joe	June 30 th	
Install Signs at Copper Canyon Creek Take Out	Joe	June 30 th	
Provide Copper Canyon Cree Take Out Parking Design	Joe	August 30 th	
Provide Plan of Alternate Site	Joe	August 30 th	
Provide Monitoring Plan	Joe	August 30 th	

Lower Cispus River Annual Meeting

Thursday, September 19, 2019 | Marton Auditorium



Meeting Called By: Joe First

Type of Meeting: Plan Review Meeting

Attendees: Joe First, Laura Wolfe, Michelle Holmes, Michael Deckert, Susan Rosebrough

NOTES

Agenda item: Opening/introductions **Presenter:** All

Agenda item: Take Out Site Plan Summary **Presenter:** Joe

Discussion: The District presented the final Lower Cispus River take out site plan to the group. The District is providing the Lower Cispus River whitewater takeout site plan for whitewater boaters and agency review. The plan includes improvements at the Copper Canyon Creek Take Out Site and development of two alternate take out sites. The District will welcome comments through October 18 and then submit the final plan to FERC on October 31.

Agenda item: Copper Canyon Take Out Site **Presenter:** Joe

Discussion: This site will be available at all times, unless the 300 road is shut down for fire danger, active logging, or maintenance by Port Blakely. LCPUD will add parking to the upper area west of the take-out site road. The parking may be modified to enlarge the parking area based on agency review. The parking area will be leveled and graveled. An existing parking area will be enlarged east of the lower loop that will add more parking. The picnic area will be enlarged, graveled, and a third picnic table added. A second portable toilet will be added LCPUD will inspect the site for maintenance every three weeks. Recreational monitoring will include manual vehicle counts when the Cispus is between 800-4000 cfs ten day per year and electric vehicle monitoring. Obtain FERC approval and permits in FY 2020. Implement measures in FY 2021. The District asked for comments. Susan Rosebrough asked about the number of parking spaces that will be provided. The District replied that there will be at least a total 21 vehicle spaces, and space for up to 10 vehicles with hitched trailers.

Agenda item: Alternate Take Out Site #1-Lower Cispus Take Out **Presenter:** Joe

Discussion: LCPUD will develop this site at the Project laydown area. The site is accessed from the 300 road. The road travels to the Cispus River. The take out site road will be graveled. An overflow parking area will be developed for Copper Canyon Creek usage. The developed parking area will be approximately 16,000 square feet. At the take out site additional parking will be developed along the road. There will be a vehicle turnaround area on the west end of the parking area. A portable toilet will be added. LCPUD will inspect the site and perform maintenance every three weeks. Obtain FERC approval in FY 2020. Obtain permits in FY 2022. Implementation in FY 2023. The District asked for comments, there were no comments provided.

Agenda item: Alternate Take Out Site #2-North Unimproved Boat Launch **Presenter:** Joe

Discussion: LCPUD will develop this site at the existing north unimproved boat launch. The site can be accessed from Falls Road. The site is located at the end of Cowlitz Falls Hydroelectric Project entrance road. This site will be gated full time, and can be accessed by communicating to the project directly to allow entry. The site will be available when

Copper Canyon Creek Take Out Site and Alternative Site #1 are closed. The access road will be graveled. There is already a turnaround area located at the site. Parking areas will be located along the road and graveled. LCPUD will provide a portable toilet when the site is in use, and the District will inspect the site and perform maintenance every three weeks. Obtain FERC approval in FY 2020. Obtain permits in FY 2024. Implementation in FY 2025. The District asked for comments, there were no comments provided.

Agenda item: Monitoring Plan **Presenter:** Joe

Discussion: LCPUD will install electronic monitoring at all three locations.

Agenda item: Next Meeting **Presenter:** All

Annual Meeting Spring 2020

Agenda item: Closing **Presenter:** All

OTHER INFORMATION

Special notes:

Tour of Take-Out Sites Meeting Minutes



10/7/2019 2:00 PM | *Tour*

Meeting called by: Joe First

Type of meeting: Tour

Attendees: Joe First, John Stormon, Michael Deckert

NOTES

Agenda item: Tour

Presenter: All

Discussion: The purpose of the tour was to inspect the existing and proposed take-out sites during a reservoir drawdown. The reservoir was lowered to elevation 852'. The group met at Copper Canyon Creek Take-Out Site and inspected the site. Mr. First noted that this site would not work well in a reservoir drawdown. Mr. First asked if there were any comments and there was no response. The group then went down to the alternate take-out site 1. Mr. First noted that this site would not work well if there was a reservoir drawdown. The group inspected the alternate take-out site 1. Mr. First asked if there were any comments and there was no response. The group then went down to alternate take-out site 2. Mr. First noted that this site could work in a maintenance reservoir drawdown. Mr. First asked if there were any comments and there was no response. The tour concluded at 3 pm.

Copper Canyon Creek Recreational Monitoring Report Meeting Minutes



4/23/2020 1:00 PM | Conference Call

Meeting called by: Joe First

Type of meeting: Conference Call

Attendees: Joe First, Michelle Holmes, Laura Wolfe, John Stormon, Rebecca Post, Michael Deckert, Renee Paradis, Bob Metzger, Tom O'Keefe, Susan Rosebrough, Davie and Margie VanCleve, Debbie Carlson

NOTES

Agenda item: Introductions

Presenter: All

Discussion:

Agenda item: Monitoring Report

Presenter: Joe First

Discussion: LCPUD sent out the Monitoring report in March 2020. LCPUD monitored vehicles at the entrance of Copper Canyon Creek Take-out Site for 2019 and monitored through manual counts by LCPUD staff. Mr. Metzger asked if there is two cameras at the Take-out site. Mr. First stated there are two cameras, but only one of the cameras is used to monitor vehicles coming into the site for usage data, the other camera is used to help with vandalism. Mr. Metzger recommended that LCPUD provides clarification on the cameras located at the Take-out site. Ms. Post asked if the data analysis was ever verified for vehicle analysis. Mr. First stated LCPUD did testing and is confident it worked each day during 2019. It was stated that January 1, 2019 is in question on accuracy. The Boaters sign up sheet for that date does not match LCPUD's usage data. Mr. Deckert noted that there are also other days that show use with LCPUD showing zero usage. Mr. First stated that the cameras capture all vehicles entering and exiting the Take-out site. Mr. Deckert stated that LCPUD's manual count is critically flawed. Mr. First noted that the manual counts are consistent with how the U.S. Forest service, National Park Service, and state parks perform their recreational monitoring. Additionally, LCPUD is complying with FERC's requirements on manual counts. Mr. Metzger asked LCPUD why they are reluctant to release the photos captured. Mr. First stated that LCPUD feels that is a public records request. Mr. Metzger stated that he feels it is unnecessary to obtain the photos through a public records request, and strongly encourages LCPUD to investigate the matter.

Mr. First noted that Copper Canyon Creek Take-out site is in good condition, and LCPUD staff continues to take care of the grounds at the site. Mr. First stated that sometimes the ground gets muddy due to wet conditions, and that LCPUD does not intend to gravel until they receive approval from FERC. Mr. Metzger asked how LCPUD can state the site is in good condition? Mr. First responded that the parking and road conditions are suitable and will be graveled after FERC approval. Mr. Deckert asked LCPUD how much parking currently exists. Mr. First stated the number of parking spaces available will need to be determined and included in the report. Mr. O'Keefe recommended that LCPUD incorporate wet conditions when stating the condition of the facility.

Mr. First stated that the River Exit and Take Out Walkway are in good condition, and the LCPUD staff has done a good job clearing out trees, and there is currently no woody debris observed.

Mr. First noted that the trail is in good condition. He has gone down the trail many times. The trail has leaves covering it, but the trail has a hard path all the way through. Mr. Deckert asked about a second trail. Mr. First stated that LCPUD has never developed a second trail. LCPUD will gravel the trail once the plan is approved by FERC. Mr. Deckert stated that the

2007 application mentions "trails" in plural, and that is also shows on the 2019 application. Mr. Deckert noted that the trail is a slip and fall hazard.

Mr. First noted that the picnic area is in good condition and the LCPUD has added an additional picnic table and anticipates to re-gravel the area.

Mr. First stated that the contractor used to maintain the portable restrooms has not been servicing the restrooms every two weeks as scheduled. LCPUD has been in contact with the contractor and has asked that the portable restrooms be serviced every week. LCPUD is hoping that the issue is resolved going forward. Mr. Stormon stated that the statements regarding the portable restrooms are contradicting, and that he recommends LCPUD to address the conflicts. Mr. Metzger noted that the portable restrooms lacked hygiene for most of the year and that LCPUD received many comments from boaters regarding the conditions. Mr. Metzger recommends that the comments be included in the report. Mr. First stated that LCPUD plans to add an additional portable restroom at the site.

Mr. First stated that the Copper Canyon Creek Take-out site is clean of trash and has received minor maintenance from LCPUD staff. Mr. Deckert noted that LCPUD has done a pretty good job keeping the site clean. He suggests that LCPUD start using a different trash can at the site. Mr. First stated that LCPUD has updated signs at the site and will be adding additional signs.

Mr. First stated that LCPUD is trying to get an accurate count on how many parking spaces are available at the site by using FERC's format on using a few weeks of data. Mr. Deckert asked how LCPUD will select the dates to use. Mr. First stated that LCPUD will use well-used days for useful data. Mr. First noted that LCPUD's goal is develop the maximum amount of spaces allowed for parking. Mr. Deckert noted that he is concerned that items for the site may be slipping from the budget. Mr. First noted that the parking design and planning will be in the budget once LCPUD receives FERC approval.

Ms. Paradis comments that she disputes LCPUD's comment regarding graveling, that graveling should just be maintaining the site and can be done now. Mr. First believes that graveling in new areas would be improving the site and will require approval and permitting.

The group agreed that written comments are due back on April 29, 2020.

The 2019 meetings held were the Annual meeting on May 16, 2019 and the Plan Review meeting on September 19, 2019.

Mr. First stated that there were no road closures for 2019.

Mr. Metzger recommended a traffic counter on the loop road for better monitoring. Mr. First agreed that a traffic counter is a great suggestion and would help with more accurate monitoring.

Ms. Paradis suggested LCPUD to release access to the Take-out site photos.

Mr. Deckert recommended a schedule and budget to go with the final report.

2020/03/30 09:11:11 (b) (6) 7/2/2020 0:00:00 PM

Joe First

From: ourfamily (b) (6)
Sent: Monday, March 30, 2020 8:45 AM
To: Michelle Holmes
Cc: Abbas; (b) (6); Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Michael McCarty; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6)
Subject: Re: **EXTERNAL EMAIL** Re: Take Out Site Monitoring (b) (6)

Hi Michelle,
Thank you for the clarification.
My first comment is: I am unable to comment on how the PUD will use this data to determine adequacy of the parking as there are no explanations, or examples of the PUD's calculations in the draft.

Thank you,
Michael

On Mar 30, 2020, at 8:36 AM, Michelle Holmes <michelleh@lcpud.org> wrote:

Good morning Michael,

The 30 day comment period will begin today as the documents for review were attached in the email. The comment period will end on Wednesday, April 29, 2020. We will be holding the conference call to review the 2019 Take Out Site Monitoring Report on Thursday, April 23, 2020, but will have the remainder of the 30 comment period to send any comments. Thank you.

From: ourfamily <(b) (6)>
Sent: Monday, March 30, 2020 8:30 AM
To: Michelle Holmes <michelleh@lcpud.org>
Cc: Abbas <abbas@fs.fed.us>; (b) (6); Anna Bires <(b) (6)>; Bob Metzger <(b) (6)>; Canoe <(b) (6)>; Carol Sedar <Carol.Sedar@ecy.wa.gov>; Celia Parker <(b) (6)>; Chris Roden <christ@lcpud.org>; Chris Wittenfield <(b) (6)>; Debbie Carlson <dcarlson@bpa.gov>; Duane Evans <(b) (6)>; Greg Provenzano <(b) (6)>; Jerry Bailey <(b) (6)>; Joe First <joef@lcpud.org>; John Stormon <(b) (6)>; Laura Wolfe <lauraw@lcpud.org>; M <(b) (6)>; Michael Aquilino <(b) (6)>; Mike Grijalva <(b) (6)>; Paul Butler <(b) (6)>; Peggy.Miller@dfw.wa.gov; President <(b) (6)>; Rebecca Post <(b) (6)>; Renee C Paradis <(b) (6)>; Rick Schoen <(b) (6)>; Sam DiBella <(b) (6)>; Michael McCarty <michael@mccarty-legal.com>; Susan Rosebrough (<susan_rosebrough@nps.gov> <susan_rosebrough@nps.gov>); Tina

Myren <(b) (6)>; Tom Okeefe <(b) (6)>
(b) (6)
Subject: **EXTERNAL EMAIL** Re: Take Out Site Monitoring

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 Michelle,

To be clear about the PUD's intent with these documents. Are you providing them as the beginning of the 30 day comment period?

Or, are these documents and the April 23rd meeting being provided with the intent of substantially rewriting the report, and later providing a 30 day comment period?

Thank you,
Michael

On Mar 30, 2020, at 7:21 AM, Michelle Holmes <michelleh@lcpud.org> wrote:

All,

Please review the documents attached. We will be setting up a conference call with agencies and the Whitewater Community to discuss the 2019 Copper Canyon Creek Take-Out Site Monitoring Report. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9251 | d:(360) 345-1468 | e:michelleh@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. <9-19-19 Meeting Minutes.pdf><2019 Copper Canyon Creek Take Out Monitoring Rerport.pdf><2019 Electronic Vehicle Count.pdf><5-16-19 Meeting Minutes.pdf>

Michelle Holmes

From: ourfamily - (b) (6)
Sent: Wednesday, April 1, 2020 7:41 PM
To: Michelle Holmes
Subject: **EXTERNAL EMAIL** Re: Reservoir Drawdown

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 Michelle,

I'm unable to provide comments because the district has not provided the minutes of the October 7th, 2019 meeting at the North Shore Boat ramp. The community specifically requested to see North Shore Boat Ramp site during a drawdown. The gist of the meeting discussion was the PUD designing the North Shore Boat Ramp to their stated criteria of use during riverine conditions.

Michael

Michelle Holmes

From: ourfamily - (b) (6)
Sent: Wednesday, April 1, 2020 7:58 AM
To: Michelle Holmes
Subject: Re: **EXTERNAL EMAIL** Re: Take Out Site Monitoring

Hi Michelle,
I note that the conditions section of the report does not document the PUD removed the Use Records collection box, as well as the Use Record forms we used to help the PUD monitor the Copper Canyon Facility.
Thank you,
Michael

2020/04/01 08:33:32 AM (GMT-07:00) / 7/1/2020 8:33:32 AM

Joe First

From: ourfamily - (b) (6)
Sent: Wednesday, April 1, 2020 8:53 AM
To: Michelle Holmes
Cc: Abbas; (b) (6); Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Michael McCarty; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6); Jon Cofrancesco
Subject: **EXTERNAL EMAIL** Recreation Monitoring Plan, P-2833 - Retrieve use records and install new forms

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 Michelle,

Please add to the Recreation Monitoring report's conditions section the fact the PUD removed the Use Records collection box, as well as the Use Records forms. Per Joe's email below, please also include: a) a discussion of the reasons the Use Records collection box did not work well, b) any considerations the PUD gave on how to make the Use Records collection box work well, and c) a discussion of why both the Use Records collection box and the on-line version shouldn't be made available to the public.

Thank you,
Michael

Begin forwarded message:

From: Joe First <joef@lcpud.org>
Subject: RE: **EXTERNAL EMAIL** P-2833 - Retrieve use records and install new forms
Date: April 1, 2020 at 8:33:32 AM PDT
To: ourfamily (b) (6)

Michael,

The onsite comment box at Copper Canyon Creek Take-Out Site did not work well. We removed the comment box. We have an online comment form on our website that we will be able to track and respond to comments.

Joe

-----Original Message-----

From: ourfamily - (b) (6)
Sent: Wednesday, April 1, 2020 7:44 AM
To: Joe First <joef@lcpud.org>; Chris Roden <chrisr@lcpud.org>
Subject: **EXTERNAL EMAIL** P-2833 - Retrieve use records and install new forms

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 Joe,

Sometime in January 2020 the PUD removed and did not replace the Use Records collection box, as well as the Use Record forms.

Please reinstall a Use Records collection box, as well as provide Use Record forms so we may continue to help the PUD monitor the Copper Canyon Facility. I look forward to your prompt response.

Thank you,

Michael

Joe First

Generation Manager | Lewis County PUD | www.lcpud.org

o:(360) 748-9261 | d:(360) 345-1469 | e:joef@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.

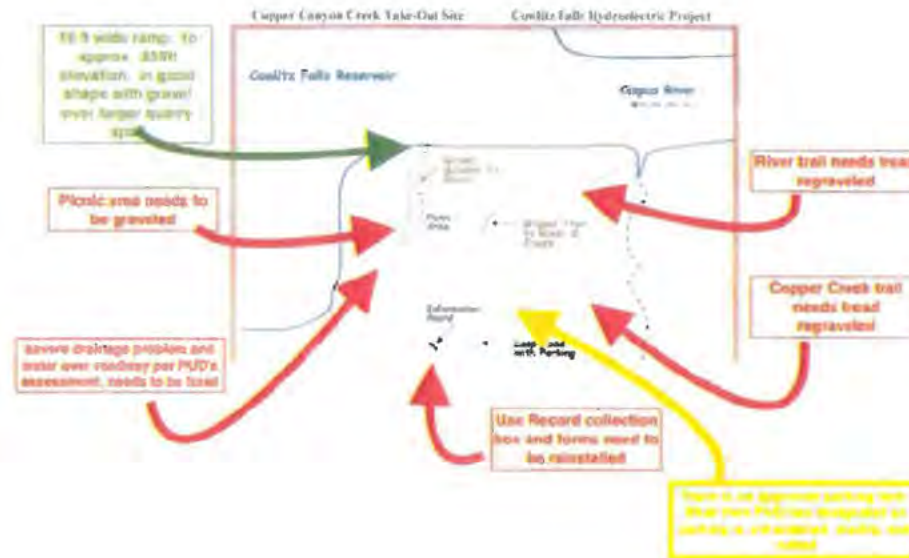
Joe First

From: ourfamily <(b) (6)>
Sent: Wednesday, April 1, 2020 11:36 AM
To: Michelle Holmes
Cc: Abbas; allen@vanderstoep.com; Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Michael McCarty; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6); Jon Cofrancesco
Subject: **EXTERNAL EMAIL** Recreation Monitoring Plan p-2833 Re: Take Out Site Monitoring

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 Michelle,
 My comment is: I'm unable to provide comments as the draft does not clearly articulate the conditions of the existing approved amenities and facilities. Attached is an annotated version of the PUD's approved plan.
 Michael

Condition Assessment



Joe First

From: Michelle Holmes
Sent: Wednesday, April 1, 2020 8:50 PM
To: Joe First
Subject: Fwd: **EXTERNAL EMAIL** Re: Reservoir Drawdown

Please see Michaels comment below.
Get [Outlook for iOS](#)

From: ourfamily - (b) (6)
Sent: Wednesday, April 1, 2020 7:41:17 PM
To: Michelle Holmes <michelleh@lcpud.org>
Subject: **EXTERNAL EMAIL** Re: Reservoir Drawdown

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 Michelle,
I'm unable to provide comments because the district has not provided the minutes of the October 7th, 2019 meeting at the North Shore Boat ramp. The community specifically requested to see North Shore Boat Ramp site during a drawdown. The gist of the meeting discussion was the PUD designing the North Shore Boat Ramp to their stated criteria of use during riverine conditions.
Michael

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
p: (509) 748-9261 | d: (509) 545-1408 | e: michelleh@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.

2020/04/21 12:02 PM (b) (6) 7/1/2020 1:02:15 PM

Joe First

From: (b) (6)
Sent: Tuesday, April 21, 2020 12:02 PM
To: Michelle Holmes; Joe First
Cc: gabbas@fs.fed.us; allen@vanderstoep.com; (b) (6)
Carol.Sedar@ecy.wa.gov; (b) (6) Chris Roden; (b) (6)
dcarlson@bpa.gov; (b) (6)
(b) (6) Laura
Wolfe; (b) (6) michael@mccarty-legal.com;
(b) (6)
Peggy.Miller@dfw.wa.gov; (b) (6)
(b) (6); susan_rosebrough@nps.gov;
(b) (6)
Subject: **EXTERNAL EMAIL** PTCC Comments on 2019 Copper Canyon Creek Take-Out Site
Monitoring Report dated 3/27/2020
Attachments: PTCC Response to 03272020 LCPUD Takeout Site Monitoring Report.docx

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!

Joe,
Attached please find Paddle Trails Canoe Club comments on your 2019 Copper Canyon Creek Take-Out Site Monitoring Report dated 3/27/2020.
I look forward to discussing our comments with you at the meeting on Thursday, 4/23/2020.

Please include the full text of our written comments and your formal responses to them when you file the final Monitoring Report with FERC.

- Bob Metzger

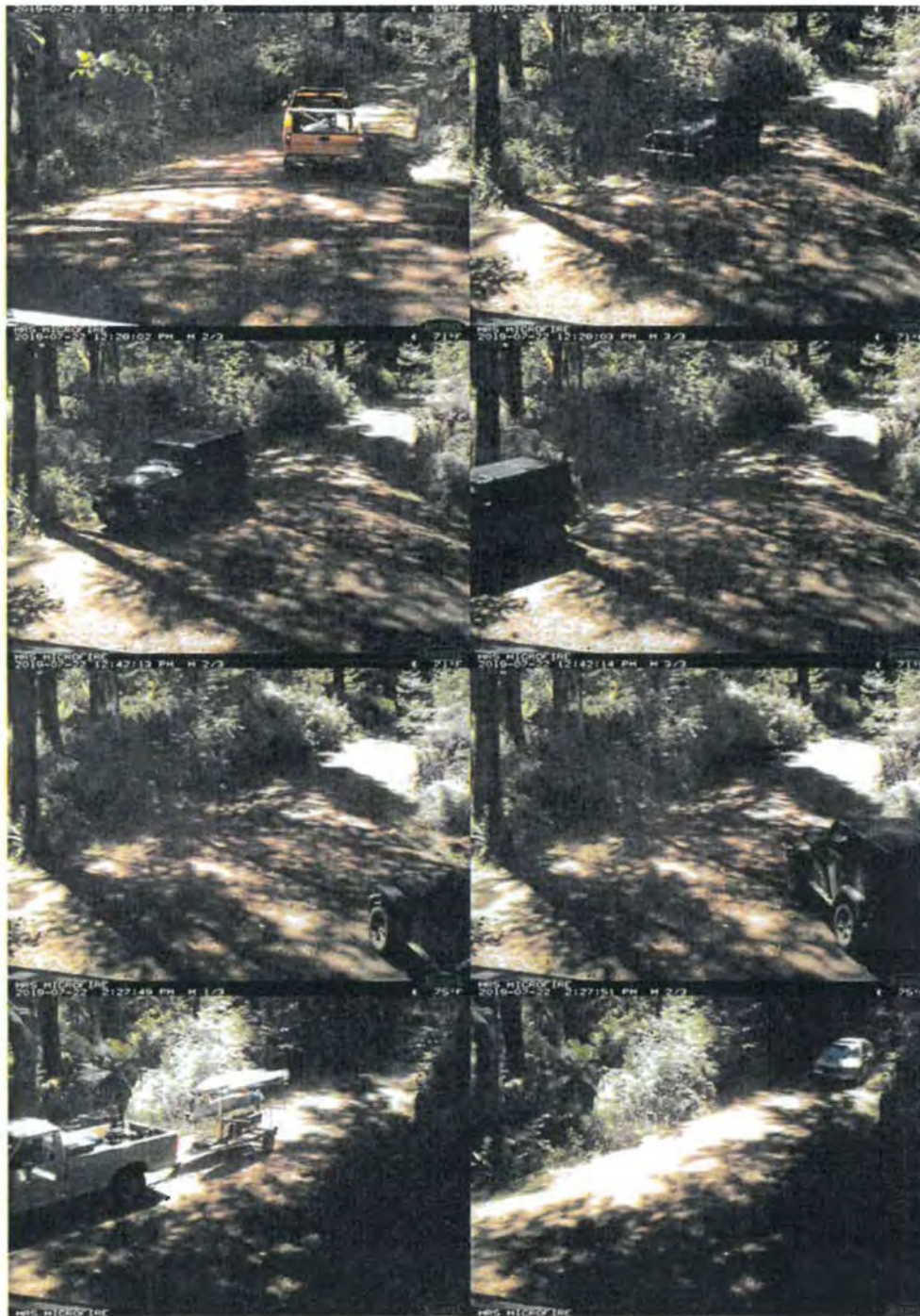
Joe First

From: ourfamily <(b) (6)>
Sent: Friday, April 24, 2020 6:49 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: **EXTERNAL EMAIL** Recreation Monitoring - 7/22/2019

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!

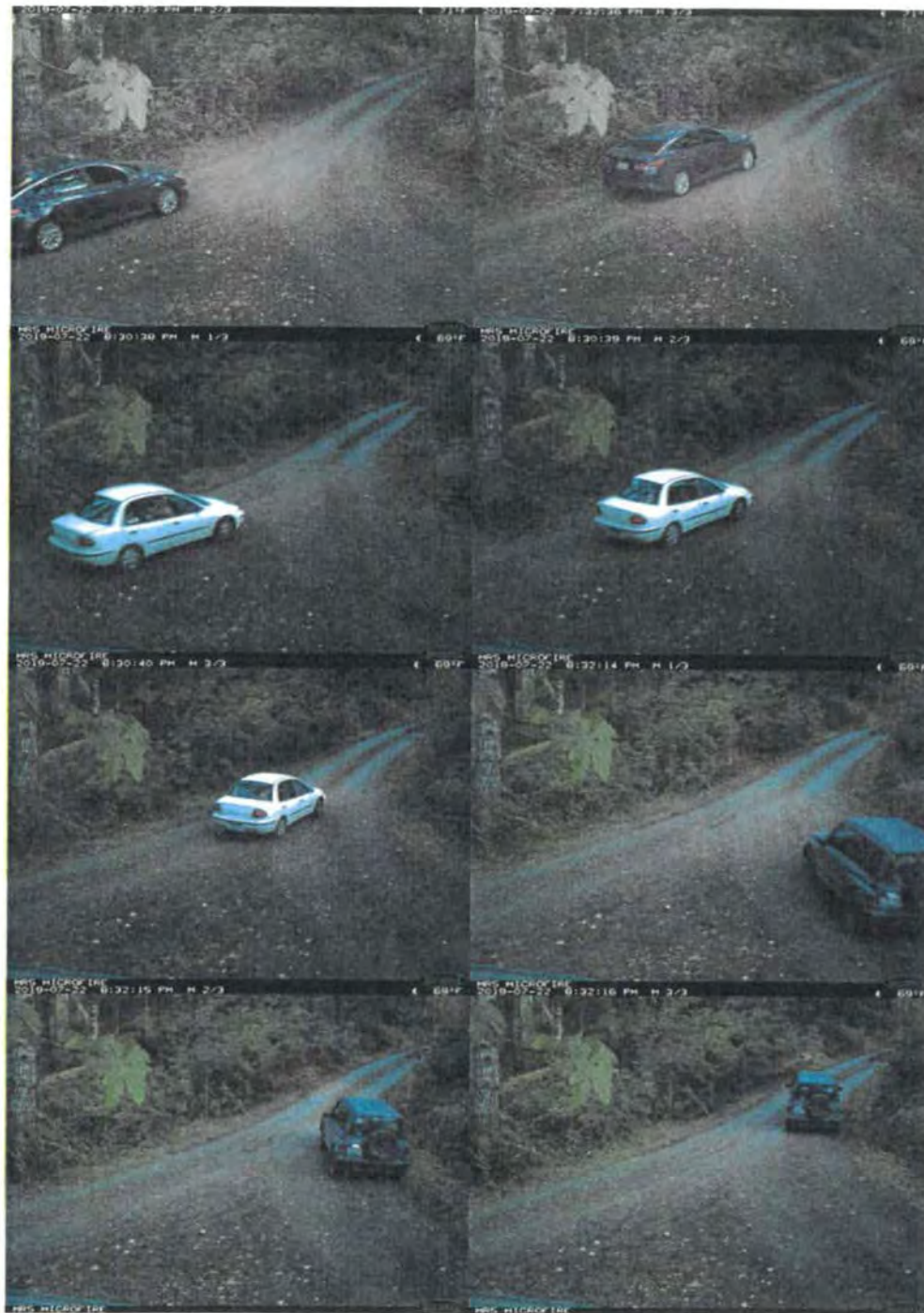
Hi Joe,
 Follow up on yesterday's conversation regarding the district's analysis of the data. On 7/22/2019 there are 39 vehicles in the pictures. The district reported zero











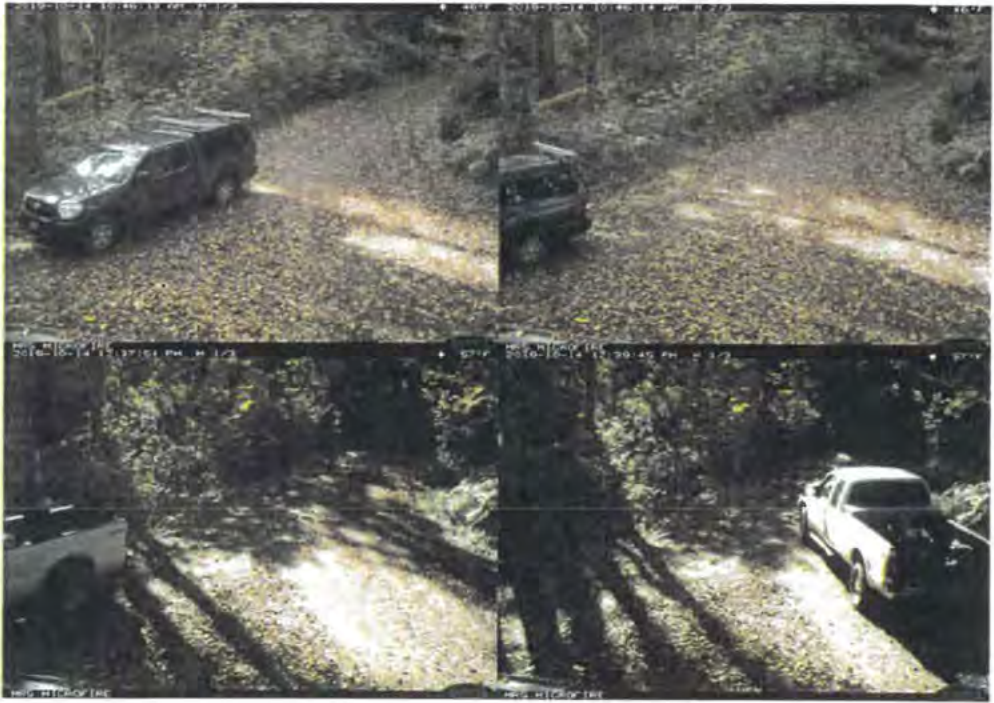


Joe First

From: ourfamily <(b) (6)>
Sent: Friday, April 24, 2020 6:56 AM
To: Joe First; Tim Courmyer; Ben Kostick; Ed Rothlin; Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Michelle Holmes; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; Warjone; Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: **EXTERNAL EMAIL** Recreation Monitoring 10/14/2019

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 Joe,
 Following up on yesterday's conversation. On 10/14/2019 there are 9 vehicles in the pictures. The PUD reports one (1)



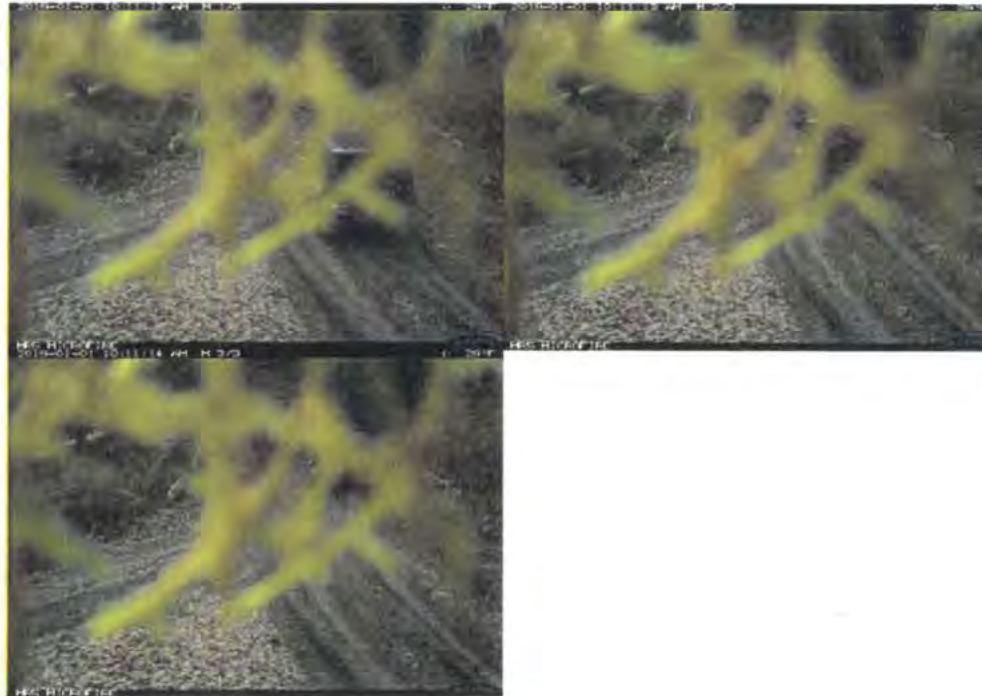


Joe First

From: ourfamily <(b) (6)>
Sent: Friday, April 24, 2020 7:02 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: **EXTERNAL EMAIL** Recreation Monitoring - 1/1/2019

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 Joe,
Following up on yesterday's conversation. On 1/1/2019 there are 3 vehicles in the pictures leaving the facility. The PUD reports one (1) entering.
Also, the entire WKC trip is missing.



2020/04/24 09:37 AM (10/11/2021) 7/1/2020 9:32:43 AM

Joe First

From: ourfamily <(b) (6)>
Sent: Friday, April 24, 2020 7:37 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave
Subject: **EXTERNAL EMAIL** Recreation Monitoring - road debris

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 Joe,
Following up on yesterday's conversation. I also note that the monitoring photos provide excellent documentation of the build up of debris on the roadway, and subsequent decay into mush covering the roadway. The similar process occurs in the parking areas, but is worse because traffic pushes the debris into the parking areas.
Michael

Joe First

From: Renee P (b) (6)
Sent: Friday, April 24, 2020 10:02 AM
To: Joe First; Tim Cournyer; Ben Kostick; Ed Rothlin; Allen-LCPUD; Bob Metzger; Canoe; Michelle Holmes; Celia Parker; Chris Roden; Chris Wittenfield; Debbie Carlson; John Stormon; Laura Wolfe; M; Mccarty-LCPUD; Paul Butler; Peggy.Miller@dfw.wa.gov; Rebecca Post; Renee C Paradis; Susan Rosebrough (nps); Tom Okeefe (amwhitewater); Paul Thompson; Dave; Michael Deckert
Subject: **EXTERNAL EMAIL** Monitoring Plan Review comments

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 Joe,

Thank you for including me in the 4/23/2020 teleconference Monitoring Plan meeting. I wish to reiterate my formal comments:

Maintenance of existing improvements does not require FERC's approval. Maintenance of existing improvements is expected and is separate from construction of new improvements and facilities. Lack of maintenance of the [existing facilities] portable toilet is inexcusable. Failure to maintain the parking and existing trails' surfaces with gravel creates a negative experience for the public.

During the meeting the District stated repeatedly that it is relying heavily upon electronic photo documentation for the basis of usage counts at the Copper Canyon Creek facility, yet can not reconcile the usage counts with trip counts provided by recreational boaters. Mr. Deckert noted he had found additional dates when kayak trips used the Copper Canyon Creek Facility and the PUD reported zero use. The methodology the PUD uses to count vehicles entering the facility is unclear. When do the recreational boaters get the photos from the monitoring cameras to review?

I look forward to getting the meeting minutes from yesterday's meeting, improvement to the user experience at Copper Canyon, and attending the next meeting, currently scheduled in June.

Respectfully,
 Renee C Paradis
 Boater

2020/04/25 09:51 AM (b) (6) 7/1/2025 9:51 AM

Joe First

From: Karl Guntheroth <(b) (6)>
Sent: Saturday, April 25, 2020 9:51 AM
To: Joe First
Subject: **EXTERNAL EMAIL** WKC comments on Recreation Monitoring Report dated March 27, 2020
Attachments: WKC comment Recreation Monitoring Report March 27 2020.pdf

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!

Dear Mr. First,
Please find attached letter of comment RE: Lewis County Public Utility District's Recreation Monitoring Report dated March 27, 2020

Karl Guntheroth
Secretary, Washington Kayak Club

(b) (6)

Washington Kayak Club
PO Box 2876
Redmond, WA 98073

04/25/2020
Joe First, Superintendent
Lewis County Public Utility District #1
Cowlitz Falls Project
1379 Falls Rd
Randle, WA 98377

RE: Facility Condition, Use Data, and Status of Project under Lewis County Public Utility
District's Recreation Monitoring Report dated March 27, 2020
P-2833-108

Dear Mr. First,

The Washington Kayak Club (WKC) was founded in 1948, and currently has 740 members. Members of the WKC pioneered many of the whitewater runs in Washington State and have been leading trips on the Cispus River prior to dam construction, and continuously to the present.

The Cispus is an important river for both club outings and informal trips organized by individual members due to its proximity to club membership, accessibility to a wide range of skill levels, and its suitability for the club's whitewater instructional programs.

Comments on the LCPUD's 2019 Recreation Monitoring Report, March 27, 2020:

The LCPUD incorrectly describes the state of the Facilities and Recreation Monitoring Program in their report. The LCPUD has been provided accurate descriptions in letters from the Paddle Trails Canoe Club dated April 21, 2020 and Michael Deckert dated April 8, 2020. We adopt these findings and conclusions.

Additionally, the status, schedule, and budget for implementing the goals identified in the PUD's approved application have not been included in the report. These goals include: (a) maintain the Copper Canyon Creek Facility for safe and sanitary use by whitewater recreational boaters; (b) keep road access to the Copper Canyon Creek Facility available as much as possible; (c) post up-to-date road closure information; (d) monitor recreational usage; (e) develop Copper Canyon Creek Facility parking; (f) develop an alternate take-out site that would be available when the Copper Canyon Creek Facility is not available due to maintenance and logging activities; and (g) develop regular communication with the whitewater community. Goals (a) (d) (e) (f) and (g) have not been met or accurately documented in the report.

20250702 0057 1490 124 (0002110000) 7/2/2025 0:00:00 AM

Thank you for considering our comments. We look forward to continued improvement to public access to the Cispus river, and reviewing your revised report.

Thank you,
Karl Guntheroth,
Secretary, WKC

(b) (5)

Joe First

From: ourfamily <(b) (6)>
Sent: Saturday, April 25, 2020 9:55 AM
To: Joe First; Laura Wolfe
Subject: **EXTERNAL EMAIL** Recreation Monitoring - 5/26/2019

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!

I used the PUD's explanation of the counting methodology and counted 8 more vehicles than the reported number. Please provide an explanation for the differing counts.

1 5/26/19

2

3	COUNT OF Vehicles entering	23
4	Vehicles exiting not previously counted	2
5	total vehicles	25

PUD Reported Number 17
difference 8

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

31

32

33

Vehicle	Entering	Exiting	Indetermina
g PU	5:32		
r PU	8:38		
s car	10:10		
b van	10:23		
s PU	10:49	11:06	
bl van	10:31	12:45	
gr PU	10:38		
o car	13:10	14:22	
w van	13:14		
g car	13:14	13:15	
o van	13:14	13:15	
gr PU	13:55	16:23	
w PU	14:11	16:02	
or van	14:41	18:21	
gr PU	15:18	15:29	
w van	16:12	18:16	
w VW	16:18	18:30	
w pu	16:34	16:35	16:35 assigned to the
bl van	16:50		
br van		16:53	
s car	16:56	18:03	
be car		18:41	
or PU	18:47	19:41	
ma car	18:47		
bl CR	18:47		

20200702 0037 PERC ID# (b) (6) 7/1/2020 8:52:19 AM

Joe First

From: JOHN STORMON <(b) (6)>
Sent: Monday, April 27, 2020 8:46 AM
To: (b) (6); Abbas, Gar -FS; Allen Unzelman; Anna Bires; Michael Aquilino; Paul Butler; Carlson, Debbie; Celia Parker; Chris Roden; Chris Wittenfield; Mike & Becky Deckert; Sam DiBella; Duane Evans; Jerry Bailey; Joe First; Jon.Cofrancesco@ferc.gov; Metzger, Bob; Michael McCarty; Michelle Holmes; Mike Grijalva; Renee C Paradis; Peggy.Miller@dfw.wa.gov; Rebecca Post; President; Greg Provenzano; Susan Rosebrough; Rick Schoen; Serdar, Carol; Stacy Davis; Stormon, John; Tina Myren; Tom Okeefe (b) (6); Dave VanCleve; van M Cleve; Gayne Williams; Laura Wolfe
Subject: **EXTERNAL EMAIL** Comments on 2019 Copper Canyon Take-Out Site Monitoring Report
Attachments: Stormon Comments Mon Rpt 04_27_2020.pdf

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!

Attached are my comments on the 2019 Copper Canyon Take-Out Site Monitoring Report dated March 27, 2020, distributed by email on March 30, 2020.

John Stormon
Whitewater Boater

Document Content(s)

CF.LETTERS.FERC.Rec. Monitoring Report_2020Jul01.PDF.....1-1

2019 Copper Canyon Creek Take Out Monitoring Rerport.PDF.....2-4

2019 Electronic Vehicle Count.PDF.....5-16

5-16-19 Meeting Minutes.PDF.....17-18

9-19-19 Meeting Minutes.PDF.....19-20

10-07-19 Meeting Minutes.PDF.....21-21

4-23-20 Meeting Minutes.PDF.....22-23

Comments.PDF.....24-69

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: 'FERC eSubscription' <eSubscription@ferc.gov>
Sent: Monday, July 6, 2020 8:40 AM
Subject: [EXTERNAL] Comment on Filing submitted in FERC P-2833-000 by Individual No Affiliation,et al.

On 7/6/2020, the following Filing was submitted to the Federal Energy Regulatory Commission (FERC), Washington D.C.:

Filer: Individual No Affiliation
No Organization Found (as Agent)

Docket(s): P-2833-000
Lead Applicant: Public Utility District No. 1 of Lewis County (WA)
Filing Type: Comment on Filing
Description: Comment of John C Stormon under P-2833-000. Complaint of False LCPUD submittals to FERC.

To view the document for this Filing, click here
http://elibrary.FERC.gov/idmws/file_list.asp?accession_num=20200706-5072

To modify your subscriptions, click here: <https://ferconline.ferc.gov/eSubscription.aspx>

Please do not respond to this email.
Online help is available here:
<http://www.ferc.gov/efiling-help.asp>
or for phone support, call 866-208-3676.

(b) (6)

July 06, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

Re: Cowlitz Falls Project # 2833, possible False LCPUD submittals to FERC.

Submittals by Lewis County Public Utility District (LCPUD) to FERC include unexplained conflicting narratives at least some of which appear to be false. These conflicting narratives are included in: LCPUD's Feb 7, 2020 FERC submittal on "Portable Toilet Maintenance"; statements on the toilet in LCPUD's April 27, 2020 FERC submittal. The conflicting narratives suggest that LCPUD has made false FERC submittals. I understand that this is a quite serious and disturbing complaint and sincerely hope that LCPUD provides a reasonable explanation for the conflicting narratives.

Available information from documents include the following:

Responding to FERC 01/08/2020 letter, LCPUD made the following written statements:

LCPUD Feb 7, 2020 letter states:

1. "...the district is in fact adequately maintaining the take-out facility..."
2. "The portable restroom is maintained every two weeks by a contractor..."
3. "The take-out site is inspected every three weeks by district employees..." during certain river flows and "many times when river flows are outside this range."
4. "Additionally, at least ten times per year when performing recreational usage counts, District personnel inspect the site."
5. "The District has determined through video monitoring of the site that, shortly before Mr Deckert took the subject photograph, a recreational vehicle had dumped its waste into the portable toilet at Copper Canyon Creek."

Michael Deckert made the following information requests to LCPUD:

Deckert 02/06/2020 letter to LCPUD (attached) includes:

1. "Can you provide the recreation monitoring photos of Goebel Septic Service at the Copper Canyon Facility? There is documentation of contractor service on January 2, 2019. The next photo of contractor service I have found is not until December 20th, 2019."
2. "Please provide the written comments provided to LCPUD throughout the summer, fall, and winter 2019 documenting the declining sanitary and hygienic conditions. If it is helpful, I can provide the dates of when I provided the PUD written comments. I am aware of others who also provided written comments."
3. "I have not found the documentation of a recreation vehicle dumping its waste in the portable toilet."

Deckert 03/01/2002 letter to LCPUD (attached) includes:

1. "Please provide the recreation monitoring photos of Goebel Septic Service at the Copper Canyon Facility. There is documentation of contractor service on January 2, 2019. The next photo of contractor service I have found is not until December 20th, 2019."
2. "Please provide the written comments provided to LCPUD throughout the summer, fall, and winter 2019 documenting the declining sanitary and hygienic conditions. If it is aware of others who also provided written comments."
3. "The PUD has not provided the video documentation of a recreation vehicle dumping its waste in the portable toilet."

LCPUD has not responded to Mr. Deckert's information requests.

Responding to FERC 03/18/2020 letter, LCPUD made the following written statements:

LCPUD March 27, 2020 letter states:

1. "The district does acknowledge that in 2019 the contractor hired to service the portable restrooms did not adequately perform their work."
2. "The District did discuss this issue with the contractor several times through 2019 but the contractor (Goebel Septic Tank Service, Inc) did not consistently perform the work on a bi-weekly basis."

Although FERC June 8, 2020 Order Granting Extension of Time, for completion of the Copper Canyon Creek take-out site monitoring report included the following reminder on page 2: "4 On June 1, 2020, Mr. John Stormon filed comments on the District's extension of time request. While Mr. Stormon states he is not opposed to the request, he notes that it contains some inaccuracies and he reiterates his previous comments provided on the monitoring report. As required under ordering paragraph (E) of the 2019 Order, the District's monitoring report filed with the Commission must include, among other things, documentation of consultation with specific parties including Mr. Stormon; as well as the District's response to any comments and recommendations it receives from such parties."

Among the many comments not addressed by LCPUD in the Take-out site monitoring report submitted on 07/01/2020 was the following from my 04/27/2020 comments:

"Portable restroom: This section conflicts with previous reports LCPUD has filed with FERC. Please address this conflicting information and provide LCPUD's justification for any alternative narrative. Please attach supporting documentation."

I hope that FERC's regulatory authority can motivate LCPUD to provide a thorough and accurate response that includes supporting documentation. The conflicting narratives from LCPUD's 02/07/2020 and 03/18/2020 submittals cannot both be accurate. LCPUD has declined to provide any of the requested supporting information nor an explanation of the conflicting narratives, thus it is not possible to determine if either narrative is in fact truthful.

Discussion:

LCPUD's Feb 7, 2020 statements on Portable Toilet Maintenance and the narrative on the toilet in LCPUD's April 27, 2020 letter include unexplained conflicting narratives about the Portable Toilet Maintenance. On 02/06/2020, and again on 03/01/2020, Mr. Deckert requested information from LCPUD which might support their 02/07/2020 narrative. LCPUD has not responded to Mr. Deckert's information requests but subsequently provided conflicting narratives in their 04/27/2020 letter. I have requested that LCPUD provide supporting documentation and an explanation for the conflicting narratives; LCPUD has not responded to my request. LCPUD may have a reasonable explanation for the conflicting narratives that they have not yet provided; I sincerely hope that LCPUD has a reasonable explanation and look forward to reviewing it.

I am left with the following questions:

1. Does the information Mr. Deckert requested exist?
2. If the requested information does not exist, what was the basis for LCPUD's 02/07/2020 letter's narrative?
3. Did LCPUD provide the conflicting narrative in subsequent submittals because the information requested by Mr. Deckert either does not exist or does not support the LCPUD 02/07/2020 narrative? Which?
4. If as stated in LCPUD's 04/27/2020 letter, "The District did discuss this issue with the contractor several times through 2019..." why was that not noted in LCPUD's 02/07/2020 letter?
5. Why has LCPUD not been willing to provide requested supporting documentation such as reports from 2019 site inspections/visits or communications with the toilet maintenance contractor?

Requested FERC action:

Please help resolve this disturbing scenario by requiring LCPUD to factually explain the conflicting narratives:

LCPUD's explanation should:

1. Provide documentation supporting their statements from their letters dated 02/07/2020 and 04/27/2020,
2. Provide documentation supporting any amended narrative offered to explain the prior conflicting narratives.
3. Explain what information lead LCPUD on 02/07/2020 to believe the statements in that letter were accurate at the time.
4. Provide copies of "video monitoring" evidence that supports the reported recreational vehicle dumping.
5. Provide records of 2019 communication between LCPUD and their toilet maintenance contractor and invoices submitted to LCPUD by the toilet maintenance contractor.
6. Provide copies of inspection reports and/or log entries made by staff at the time of their Copper Canyon Take-out inspections.
7. Provide copies of reports made by District Personnel performing recreational usage counts at the time of those counts

8. Detail the subsequent information LCPUD obtained, if any, after 02/07/2020 that resulted in the changed narrative provided on 04/27/2020.
9. Detail changes, if any, that LCPUD has implemented as a result of their discoveries to improve the accuracy of future FERC submittals?

If LCPUD indicates that they do not have any of the above requested documentation, they should provide documentation that they used to write the narrative in each of the indicated FERC submittals that lead LCPUD to believe they were factual at the time the submittal was made and how their subsequently improved understanding lead to the later alternative narratives.

Thank you in advance for your attention to this complaint. I am sure that you are aware of my previous complaints about LCPUD and the Cowlitz Falls Project #2833, related to non-compliance with License # 2833, Article 42, requirement that boating use of the Lower Cispus River will not be interrupted, and Article 17, related to maintenance and operation of recreational facilities, which includes providing access to those facilities. Resolving this complaint won't resolve these other long standing issues, but to resolve those issues, it is critically important that all parties provide factual information, to the best of their ability based on their current understanding. It is certainly possible to discover that statements thought to be correct at the time of their submittal are later found to be misleading or false; if that is the case, the record should be corrected and explained in updated submittals. I find the potential ramifications of this complaint of LCPUD making false FERC submittals to be quite disturbing and truly hope that LCPUD provides a reasonable explanation.

Sincerely,

(b) (6)

John Stormon
Whitewater Boater

Michael Deckert

(b) (6)

2/6/2020

Mr. Joe First
Generation Manager
Lewis County Public Utility District

RE: Cowlitz Falls Project p-2833-108

Mr. Joe First,

Can you provide the recreation monitoring photos of Goebel Septic Service at the Copper Canyon Facility? There is documentation of contractor service on January 2, 2019. The next photo of contractor service I have found is not until December 20th, 2019.

Please provide the written comments provided to LCPUD throughout the summer, fall, and winter 2019 documenting the declining sanitary and hygienic conditions. If it is helpful, I can provide the dates of when I provided the PUD written comments. I am aware of others who also provided written comments.

On February 4th, 2020 the PUD provided raw recreation use monitoring data. The Copper Canyon raw monitoring data¹ indicates peak use in June and July, with another peak in October. The raw data as provided by LCPUD:

May 2019 - 864 photos
June 2019 - 945 photos
July 2019 - 924 photos
August 2019 - 807 photos
September 2019 - 636 photos
October 2019 - 912 photos
November 2019 - 603 photos
December 2019 - 453 photos (partial month)
November 2018 to April 2019- 1544 photos (monthly totals not provided)

Regarding the schedule of cleaning, it appears the PUD uses a low, medium, high use standard for cleaning portable toilets at its campground. A similar cleaning schedule for the Copper Canyon facility would help ensure sanitary conditions.

I have not found the documentation of a recreation vehicle dumping its waste in the portable toilet. Please provide that documentation to the group. We can help the PUD monitor the site and continue to report with written comments.

I appreciate that the Copper Canyon facility has been serviced and cleaned more frequently since December 16th (December 20th, and it appears again around December 30th). I provided the PUD with comments noting that the facility had been cleaned. It would be helpful for the PUD to work with the community to develop a maintenance schedule based on recreation data.

Thank you,
Michael Deckert

¹ Analysis of the recreation use raw data has not yet been completed by the PUD.

Michael Deckert

(b) (6)

03/01/2020

Mr. Joe First
Generation Manager
Lewis County Public Utility District

RE: Cowlitz Falls Project p-2833-108

Mr. Joe First,

I have not received the data and information I requested on February 6th, 2020.

- 1) Please provide the recreation monitoring photos of Goebel Septic Service at the Copper Canyon Facility. There is documentation of contractor service on January 2, 2019. The next photo of contractor service I have found is not until December 20th, 2019.
- 2) Please provide the written comments provided to LCPUD throughout the summer, fall, and winter 2019 documenting the declining sanitary and hygienic conditions. If it is helpful, I can provide the dates of when I provided the PUD written comments. I am aware of others who also provided written comments.
- 3) The PUD has not provided the video documentation of a recreation vehicle dumping its waste in the portable toilet. Please provide that documentation to the group. We can help the PUD monitor the site and continue to report with written comments. I look forward to the PUD reinstalling the comment box so the public may assist the district monitoring the facility.

It appears that the facility is not being cleaned and disinfected every two weeks as stated by the PUD.

Debris Management Plan, Buffer Zone Management Plan

The community has been waiting patiently for the Debris Management Plan that was due 12/16/2019. The PUD now states, "We are working on the debris management plan and would like to submit this to FERC this spring." Recent floods in January 2020 again changed and deposited new debris in front of the Copper Canyon take-out. The Debris Management Plan should proactively be in place as the next highwater event may block access.

The Buffer Zone Management Plan update should include the new recreation areas. The PUD states, "We are currently working on the Buffer Zone Management Plan and plan to submit this to FERC by December 30, 2020. We are not planning on conducting public meetings for the Buffer Zone Management Plan." Please allow public participation, and incorporate public comments into the 2020 update of the Buffer Zone Management Plan.

Thank you,
Michael Deckert

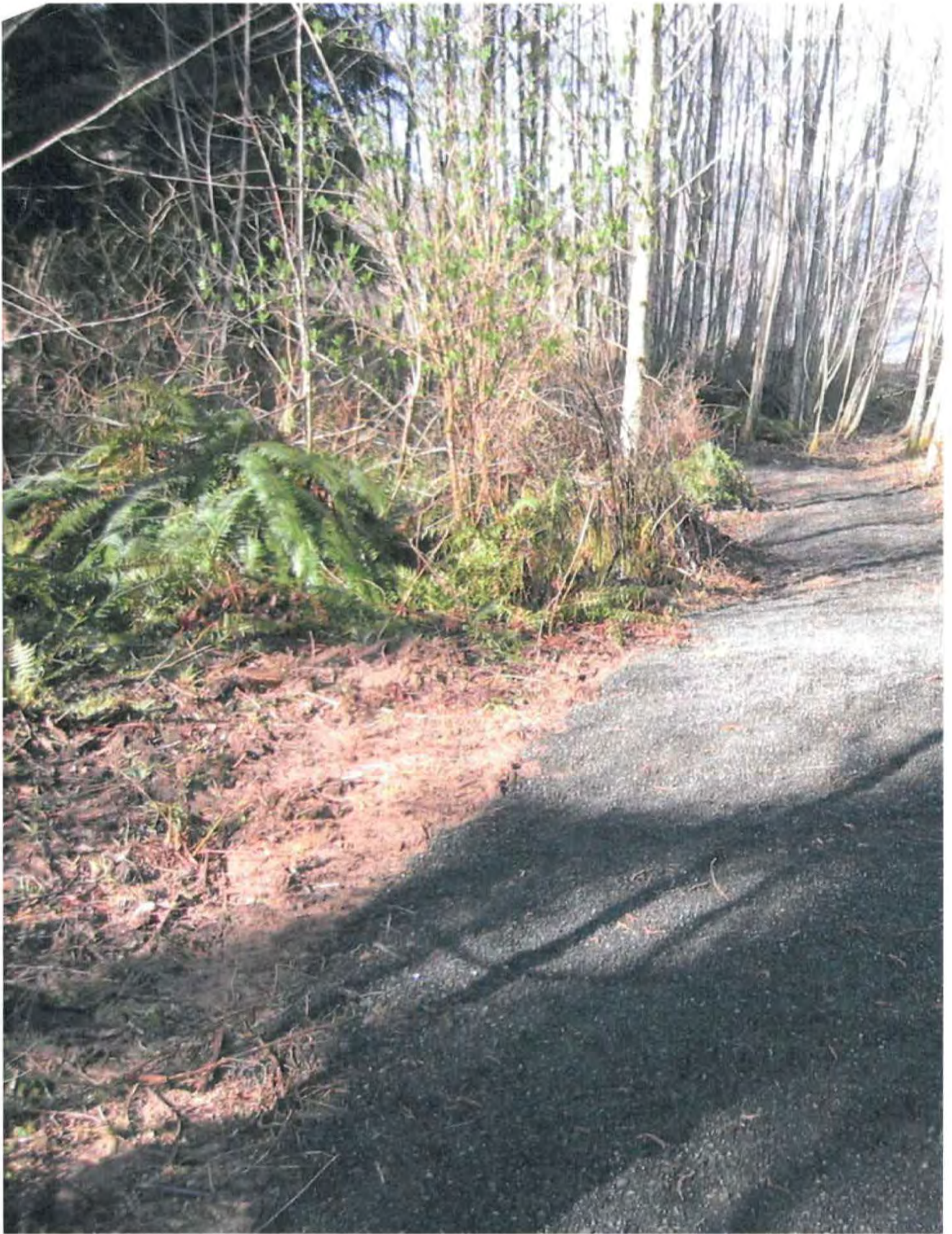
Document Content(s)

,Complaint False LCPUD responses to FERC.PDF.....1-6

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Tuesday, July 7, 2020 8:51 AM
To: Joe First; Ben Kostick; Tim Cournyer; ed Rothlin; Chris Roden
Cc: Abbas (b) (6); Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Gayne Williams (amwgbw@comcast.net); Greg Provenzano; Jerry Bailey; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Ourfamily; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Jon Cofrancesco; Tom Okeefe (b) (6)
Subject: [EXTERNAL] Copper Canyon - River Trail

Hi Joe,
LCPUD just provided Becky this March 21, 2007 photo of the as-built Copper Canyon River Trail. The trail looks nothing like this now.
Why does the PUD refuse to re-gravel this trail in a timely manner?
Michael



Carlson,Debbie (BPA) - PGAC-RICHLAND

From: JOHN STORMON <(b) (6)>
Sent: Monday, June 1, 2020 6:09 AM
To: (b) (6); Abbas, Gar -FS; Allen Unzelman; Anna Bires; Michael Aquilino; Paul Butler; Carlson,Debbie (BPA) - PGAC-RICHLAND; Celia Parker; Chris Roden; Chris Wittenfield; Mike & Becky Deckert; Sam DiBella; Duane Evans; Jerry Bailey; Joe First; Jon.Cofrancesco@ferc.gov; Metzger, Bob; Michael McCarty; Michelle Holmes; Mike Grijalva; Renee C Paradis; Peggy.Miller@dfw.wa.gov; Rebecca Post; President; Greg Provenzano; Susan Rosebrough; Rick Schoen; Serdar, Carol; Stacy Davis; Stormon, John; Tina Myren; Tom Okeefe (b) (6); Dave VanCleve; van M Cleve; Gayne Williams; Wolfe, Laura
Subject: [EXTERNAL] Respnse to LCPUD Request for Extension
Attachments: Stormon 06_01_2020 Response to LCPUD ltr to FERC.pdf

FYI:

Attached is the Response I filed with FERC to LCPUD's 05/28/2020 Request for Extension.
John Stormon

(b) (6)

June 1, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Cowlitz Falls Project # 2833, Information Related to LCPUD letter of 05/28/2020 Request for Extension of Time to File the Copper Canyon Take-out Site Monitoring Report.

Dear Secretary Bose:

I am writing in response to Lewis County Public Utility District (LCPUD)'s letter to FERC of May 28, 2020 with the Subject: "Cowlitz Falls Project - FERC No. P-2833, Public Utility District No. 1 of Lewis County, WA Request for Extension of Time to File the Copper Canyon Take-out Site Monitoring Report."

LCPUD's letter apparently incorrectly states that it is a request for a 30 day extension of deadline to submit the Site Monitoring Report, originally due 04/01/2020. LCPUD requested and was granted an extension of this due date to 05/01/2020. No report was submitted on 05/01/2020, but almost a month late, LCPUD is now requesting a 30 day extension and stating that the new due date would be 07/01/2020, which would be an extension of 61 days. LCPUD did not meet the original due date of 04/01/2020, and has not provided any justification for their non-compliance with the extended 05/01/2020 due date. I do not oppose LCPUD's requested extension if the result is a high quality final report, but wish to clarify that this is one more example of the continuing pattern of LCPUD non-compliance with FERC license 2833, as well as FERC Orders and written instructions.

Background:

FERC's 04/30/2019 Order required, among other things, that LCPUD submit by 04/01/2020 a Copper Canyon Take-out Site Monitoring Report. On 03/02/2020 LCPUD requested an extension of that due date to 05/01/2020, which FERC subsequently granted. On 03/30/2020 LCPUD distributed a draft Site Monitoring Report for 30 day review and comment by boaters and other interested parties. LCPUD set the comment due date at 04/29/2020. A conference call for interested parties was held on 04/23/2020. A number of interested parties submitted comments to LCPUD by the 04/29/2020 comment due date. The comments I submitted are attached. No Take-out Site Monitoring Report was submitted by LCPUD to FERC by 05/01/2020. On 05/28/2020, 27 days after the extended due date, without explanation, LCPUD is now apparently requesting an additional 61 day extension of the due date to 07/01/2020.

Discussion:

On 03/02/2020 LCPUD requested that FERC extend the due date for submittal of the Take-out Site Monitoring Report in order to: "allow the District adequate time to solicit comments and recommendations from agencies and members of the whitewater boating community on the draft

Copper Canyon Creek Take-out Site Monitoring Report.” The due date for this report had been set in FERC’s Order issued almost one year earlier on 04/30/2019. LCPUD did not distribute the draft report to interested parties until 03/30/2020, apparently LCPUD did not allow itself sufficient time to address comments by the extended due date of 05/01/2020, more than one year after FERC issued the 04/30/2019 Order. LCPUD did not submit the Take-out Site Monitoring Report to FERC on 05/01/2020, nor any explanation for this non-compliance. LCPUD’s request for extension submitted on 05/28/2020 only indicates that an extension is needed to: “allow time to include comments and recommendations from agencies and members of the whitewater boating community into the draft Copper Canyon Creek Take-out Site Monitoring Report.” LCPUD offers no explanation for failing to meet the 05/01/2020 due date nor information on the progress, if any, LCPUD has made in addressing comments in the month since they were submitted. LCPUD continues to demonstrate that it does not take FERC instructions nor due dates seriously, continuing LCPUD’s multi-year pattern of non-compliance.

LCPUD has a history of providing poor quality submittals to FERC that frequently include inaccurate information, ignore submitted comments and fail to meet FERC written requirements. I hope LCPUD’s 05/28/2020 requested extension results in a change in this pattern and that LCPUD this time submits a high quality final report that presents valid take-out use data, provides a factual discussion of issues and fully addresses the submitted comments. In addition, I hope the report meets the requirements of FERC’s 04/30/2019 Order.

Recent submittals by Lewis County Public Utility District (LCPUD) to FERC include unexplained conflicting narratives. These conflicting narratives are included in: LCPUD’s Feb 7, 2020 submittal on “Portable Toilet Maintenance” and statements on the toilet in LCPUD’s April 27, 2020 submittal. The draft Site Monitoring Report distributed by LCPUD on 03/30/2020 includes a narrative similar to their 04/27/2020 letter submittal to FERC, and conflicting with LCPUD’s 02/07/2020 letter submitted to FERC. LCPUD’s 04/27/2020 FERC submittal and the draft Site Monitoring Report distributed 03/30/2020, also conflict with user complaints and photographic evidence submitted to FERC by dissatisfied users. Comments submitted to LCPUD on the draft Site Monitoring Report identified these conflicting narratives and requested an explanation as well as requesting that LCPUD provide supporting documentation. The conflicting narratives suggest that LCPUD may be submitting inaccurate or false information to FERC.

I hope that LCPUD’s final report will include an explanation of the conflicting FERC submittal narratives and includes supporting documentation. This supporting information should include documents supporting LCPUD’s 02/07/2020 submittal statements:

1. “...the district is in fact adequately maintaining the take-out facility....”
2. “The portable restroom is maintained every two weeks by a contractor...”
3. “The take-out site is inspected every three weeks by district employees...” during certain river flows and “many times when river flows are outside this range.”
4. “Additionally, at least ten times per year when performing recreational usage counts, District personnel inspect the site.”

5. "The District has determined through video monitoring of the site that, shortly before Mr. Deckert took the subject photograph, a recreational vehicle had dumped its waste into the portable toilet at Copper Canyon Creek."

As well as documents supporting LCPUD's 03/27/2020 submittal statements:

1. "The district does acknowledge that in 2019 the contractor hired to service the portable restrooms did not adequately perform their work."
2. "The District did discuss this issue with the contractor several times through 2019 but the contractor (Goebel Septic Tank Service, Inc) did not consistently perform the work on a bi-weekly basis."

At a minimum supporting information and explanation should include:

1. Video monitoring cited in LCPUD's 02/07/2020 submittal,
2. Site visit/inspection reports and/or log entries prepared by district employees at the time of those visits,
3. Records of 2019 communications between LCPUD and their contractor,
4. Explanation of conflicting narratives, i.e. 02/07/2020 restroom is maintained every two weeks by contractor and 03/27/2020 the contractor did not consistently perform the work.

I look forward to reviewing a high quality, complete and factual final Take-out Site Monitoring Report once it has been submitted by LCPUD. I hope that FERC will begin requiring LCPUD compliance FERC License 2833, as well as FERC orders and written correspondence.

LCPUD continues with their 30+ year strategy of non-compliance with FERC License, orders and written instructions for providing uninterrupted boating use of the Lower Cispus River. LCPUD continues to demonstrate that they are not willing to voluntarily comply with License #2833, nor FERC's orders and written instruction. **After more than 30 years of non-compliance, it is time for FERC to begin taking regulatory steps to achieve LCPUD compliance.**

Sincerely,

(b) (6)

John Stormon
Whitewater Boater

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Friday, June 12, 2020 10:33 AM
To: Tim Cournyer; Ben Kostick; Ed Rothlin
Cc: Abbas; Allen-LCPUD; Anna Bires; Bob Metzger; Canoe; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Greg Provenzano; John Stormon; Laura Wolfe; M; Michael Aquilino; Mccarty-LCPUD; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (nps); Tina Myren; Tom Okeefe (amwhitewater); Paul Thompson; Dave; Jon Cofrancesco; Michelle Holmes; Joe First
Subject: [EXTERNAL] P-2833-108

Hi All,

FYI, Lewis County PUD is refusing to provide the meeting minutes/summary of the April 23rd, 2020 meeting. Note: the PUD has now revised purpose for the meeting, and this conflicts with the meeting's published agenda which stated the intent was to discuss numerous agenda items. Comments are listed as the last agenda item.

Michael

On Jun 12, 2020, at 9:39 AM, Joe First <joef@lcpud.org> wrote:

Michael,

The April 23 meeting with the whitewater community was to receive comments on the recreation monitoring report. Will be using several of the comments to improve the report. We are not sending the comments out for review or publishing the comments. We will attach the comments to the FERC submittal.

Joe

On Jun 12, 2020, at 9:12 AM, ourfamily <(b) (6)> wrote:

Hi Joe,

I see Renee Paradis, John Storman, and Michael Aquilino have all asked for the minutes from the April 23, 2020 meeting and the PUD has provided no response to the group.

Please provide the minutes/summary for the April 23, 2020 meeting for our review.

Thank you,

Michael

Lower Cispus River Annual Meeting

Monday, June 15, 2020 | Conference Call



Meeting called by: Joe First

Type of meeting: 2020 Annual Meeting

NOTES

Agenda item: Opening/introductions **Presenter:** All

Agenda item: 2019 Review of Copper Canyon Creek Take Out Site **Presenter:** Joe

Discussion:

Agenda item: Recreation Monitoring Report Update **Presenter:** Joe

Discussion:

Agenda item: Take Out Site Plans Update **Presenter:** Joe

Discussion:

Agenda item: Next Meeting **Presenter:** All

Agenda item: Closing **Presenter:** All

OTHER INFORMATION

Special notes:

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: Michelle Holmes <michelleh@lcpud.org>
Sent: Monday, June 15, 2020 9:45 AM
To: Abbas; (b) (6); Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roder; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Gayne Williams (amwgbw@comcast.net); Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Michael McCarty (michael@mccarty-legal.com.); Mike Grijalva; Ourfamily; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6)
Subject: [EXTERNAL] Meeting Minutes
Attachments: 4-23-20 Meeting Minutes.pdf; 10-07-19 Meeting Minutes.pdf

Please find attached the meeting minutes from 10/7/19 and 4/23/20. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o (360) 748-9261 | d:(360) 345-1468 | e:michelleh@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.

Copper Canyon Creek Recreational Monitoring Report Meeting Minutes



4/23/2020 1:00 PM | Conference Call

Meeting called by: Joe First

Type of meeting: Conference Call

Attendees: Joe First, Michelle Holmes, Laura Wolfe, John Stormon, Rebecca Post, Michael Deckert, Renee Paradis, Bob Metzger, Tom O'Keefe, Susan Rosebrough, Davie and Margie VanCleve, Debbie Carlson

NOTES

Agenda item: Introductions

Presenter: All

Discussion:

Agenda item: Monitoring Report

Presenter: Joe First

Discussion: LCPUD sent out the Monitoring report in March 2020. LCPUD monitored vehicles at the entrance of Copper Canyon Creek Take-out Site for 2019 and monitored through manual counts by LCPUD staff. Mr. Metzger asked if there is two cameras at the Take-out site. Mr. First stated there are two cameras, but only one of the cameras is used to monitor vehicles coming into the site for usage data, the other camera is used to help with vandalism. Mr. Metzger recommended that LCPUD provides clarification on the cameras located at the Take-out site. Ms. Post asked if the data analysis was ever verified for vehicle analysis. Mr. First stated LCPUD did testing and is confident it worked each day during 2019. It was stated that January 1, 2019 is in question on accuracy. The Boaters sign up sheet for that date does not match LCPUD's usage data. Mr. Deckert noted that there are also other days that show use with LCPUD showing zero usage. Mr. First stated that the cameras capture all vehicles entering and exiting the Take-out site. Mr. Deckert stated that LCPUD's manual count is critically flawed. Mr. First noted that the manual counts are consistent with how the U.S. Forest service, National Park Service, and state parks perform their recreational monitoring. Additionally, LCPUD is complying with FERC's requirements on manual counts. Mr. Metzger asked LCPUD why they are reluctant to release the photos captured. Mr. First stated that LCPUD feels that is a public records request. Mr. Metzger stated that he feels it is unnecessary to obtain the photos through a public records request, and strongly encourages LCPUD to investigate the matter.

Mr. First noted that Copper Canyon Creek Take-out site is in good condition, and LCPUD staff continues to take care of the grounds at the site. Mr. First stated that sometimes the ground gets muddy due to wet conditions, and that LCPUD does not intend to gravel until they receive approval from FERC. Mr. Metzger asked how LCPUD can state the site is in good condition? Mr. First responded that the parking and road conditions are suitable and will be graveled after FERC approval. Mr. Deckert asked LCPUD how much parking currently exists. Mr. First stated the number of parking spaces available will need to be determined and included in the report. Mr. O'Keefe recommended that LCPUD incorporate wet conditions when stating the condition of the facility.

Mr. First stated that the River Exit and Take Out Walkway are in good condition, and the LCPUD staff has done a good job clearing out trees, and there is currently no woody debris observed.

Mr. First noted that the trail is in good condition. He has gone down the trail many times. The trail has leaves covering it, but the trail has a hard path all the way through. Mr. Deckert asked about a second trail. Mr. First stated that LCPUD has never developed a second trail. LCPUD will gravel the trail once the plan is approved by FERC. Mr. Deckert stated that the

2007 application mentions "trails" in plural, and that is also shows on the 2019 application. Mr. Deckert noted that the trail is a slip and fall hazard.

Mr. First noted that the picnic area is in good condition and the LCPUD has added an additional picnic table and anticipates to re-gravel the area.

Mr. First stated that the contractor used to maintain the portable restrooms has not been servicing the restrooms every two weeks as scheduled. LCPUD has been in contact with the contractor and has asked that the portable restrooms be serviced every week. LCPUD is hoping that the issue is resolved going forward. Mr. Stormon stated that the statements regarding the portable restrooms are contradicting, and that he recommends LCPUD to address the conflicts. Mr. Metzger noted that the portable restrooms lacked hygiene for most of the year and that LCPUD received many comments from boaters regarding the conditions. Mr. Metzger recommends that the comments be included in the report. Mr. First stated that LCPUD plans to add an additional portable restroom at the site.

Mr. First stated that the Copper Canyon Creek Take-out site is clean of trash and has received minor maintenance from LCPUD staff. Mr. Deckert noted that LCPUD has done a pretty good job keeping the site clean. He suggests that LCPUD start using a different trash can at the site. Mr. First stated that LCPUD has updated signs at the site and will be adding additional signs.

Mr. First stated that LCPUD is trying to get an accurate count on how many parking spaces are available at the site by using FERC's format on using a few weeks of data. Mr. Deckert asked how LCPUD will select the dates to use. Mr. First stated that LCPUD will use well-used days for useful data. Mr. First noted that LCPUD's goal is develop the maximum amount of spaces allowed for parking. Mr. Derckert noted that he is concerned that items for the site may be slipping from the budget. Mr. First noted that the parking design and planning will be in the budget once LCPUD receives FERC approval.

Ms. Paradis comments that she disputes LCPUD's comment regarding graveling, that graveling should just be maintaining the site and can be done now. Mr. First believes that graveling in new areas would be improving the site and will require approval and permitting.

The group agreed that written comments are due back on April 29, 2020.

The 2019 meetings held were the Annual meeting on May 16, 2019 and the Plan Review meeting on September 19, 2019.

Mr. First stated that there were no road closures for 2019.

Mr. Metzger recommended a traffic counter on the loop road for better monitoring. Mr. First agreed that a traffic counter is a great suggestion and would help with more accurate monitoring.

Ms. Paradis suggested LCPUD to release access to the Take-out site photos.

Mr. Deckert recommended a schedule and budget to go with the final report.

Tour of Take-Out Sites Meeting Minutes



10/7/2019 2:00 PM | *Tour*

Meeting called by: Joe First

Type of meeting: Tour

Attendees: Joe First, John Stormon, Michael Deckert

NOTES

Agenda item: Tour

Presenter: All

Discussion: The purpose of the tour was to inspect the existing and proposed take-out sites during a reservoir drawdown. The reservoir was lowered to elevation 852'. The group met at Copper Canyon Creek Take-Out Site and inspected the site. Mr. First noted that this site would not work well in a reservoir drawdown. Mr. First asked if there were any comments and there was no response. The group then went down to the alternate take-out site 1. Mr. First noted that this site would not work well if there was a reservoir drawdown. The group inspected the alternate take-out site 1. Mr. First asked if there were any comments and there was no response. The group then went down to alternate take-out site 2. Mr. First noted that this site could work in a maintenance reservoir drawdown. Mr. First asked if there were any comments and there was no response. The tour concluded at 3 pm.

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: Michelle Holmes <michelleh@lcpud.org>
Sent: Tuesday, June 16, 2020 10:55 AM
To: Abbas; (b) (6) Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Gayne Williams (b) (6); Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Michael McCarty (michael@mccarty-legal.com.); Mike Grijalva; Ourfamily; Paul Butler; Peggy Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (b) (6)
Subject: [EXTERNAL] 6/15/20 Meeting Minutes
Attachments: 6-15-20 Meeting Minutes.docx

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 345-1468 | e:michelleh@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.

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: JOHN STORMON <(b) (6)>
Sent: Sunday, June 7, 2020 1:09 PM
To: (b) (6); Abbas, Gar -FS; Allen Unzelman; Anna Bires; Michael Aquilino; Paul Butler; Carlson,Debbie (BPA) - PGAC-RICHLAND; Celia Parker; Chris Roden; Chris Wittenfield; Mike & Becky Deckert; Sam DiBella; Duane Evans; Jerry Bailey; Joe First; Jon.Cofrancesco@ferc.gov; Metzger, Bob; Michael McCarty; Michelle Holmes; Mike Grijalva; Renee C Paradis; Peggy.Miller@dfw.wa.gov; Rebecca Post; President; Greg Provenzano; Susan Rosebrough; Rick Schoen; Serdar, Carol; Stacy Davis; Stormon, John; Tina Myren; Tom Okeefe (b) (6) Dave VanCleve; van M Cleve; Gayne Williams; Wolfe, Laura
Subject: [EXTERNAL] Agenda for June 15, 2020 Conference Call
Attachments: LCPUD 02_07_2020 Letter Site Maint and Final Design Plans.pdf; LCPUD 04_27_2020 Take-Out Site Maint-Final Design Plans.pdf

Michele and Joe:

You have scheduled the annual meeting with the Boating Community as a Conference call on Monday June 15, 2020, 12noon to 2pm.

LCPUD has not distributed draft meeting minutes from our April 23, 2020 Conference call; re:Review the draft Recreation Use Report. Please distribute the draft meeting minutes from the April 23, 2020 call so that we may review and suggest any corrections that may be needed.

We have not yet received an agenda for the upcoming call. Please provide an agenda and the requested supporting documentation prior to the meeting. Please be sure that the following topics are included in the meeting agenda.

AGENDA TOPICS

1. Meeting Minutes for this conference call: Who is responsible for recording minutes? When will they be distributed? Process to review and providing feedback?
2. Maintenance issues for the Portable Toilet, Copper Canyon Take-out: LCPUD has submitted conflicting narratives on maintenance issues to FERC in letters dated 02/07/2020 and 04/27/2020 (attached). Please be prepared to discuss/clarify these narratives. Prior to our conference call, please provide the following supporting documentation for statements from the narratives submitted to FERC:
 1. Video monitoring cited in the 02/07/2020 submittal,
 2. Site visit/inspection reports and/or log entries prepared by district employees at the time of those visits,
 3. Records from any 2019 communications between LCPUD and their contractor.
3. Take-out Site Monitoring Report: Update the group of the progress LCPUD has made in completing the Take-out Site Monitoring Report, which was due to be submitted to FERC on May 01, 2020.

Thank you in advance for your attention to this. I look forward to reviewing the requested material so that we may have a valuable conference call.

John Stormon
Whitewater Boater

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

February 7, 2020

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: Cowlitz Falls Hydroelectric Project P-2833-WA
Allegation Regarding Take-out Site Maintenance and Final Design Plans

Dear Secretary Bose:

This letter is in response to the FERC letter dated January 8, 2020 referring to allegations regarding take-out site maintenance and final design plans. Regarding the comment that the site is not adequately maintained, the District is in fact adequately maintaining the take-out facility in accordance with the Commission-approved plan. The portable restroom is maintained every two weeks by a contractor (Goebel Septic Tank Service, Inc). The take-out site is inspected every three weeks by District employees when Cispus River flows are between 800-4000 cfs and many times when rivers flows are outside this range. Additionally, at least ten times per year when performing recreational usage counts, District personnel inspect the site. In the past year, District crews have performed work removing downed trees and limbs on the roadways and take-out, and kept the areas around the picnic table and the trails clear of vegetation and trash. During each visit to the site, the portable restroom is inspected. The Copper Canyon Creek Take-Out site is in very good condition and is maintained to a high level.

The purported photographic evidence of unsanitary conditions in the portable toilet included with Michael Deckert's December 16, 2019 complaint does not represent typical or frequent conditions at the site. The District has determined through video monitoring of the site that, shortly before Mr. Deckert took the subject photograph, a recreational vehicle had dumped its waste into the portable toilet at Copper Canyon Creek. Although the recently improved, ungated access to the take-out site has increased the opportunities for misuse of the District's sanitary facilities, the type of conditions alleged in the Deckert complaint are not common or frequent.

Regarding the comment that the public did not have adequate time to review the final design plans, the District did provide sufficient time to review the design plans. The District provided substantially final design plans for the primary and alternate take-out sites to the consulting parties on September 18, 2019. The District then met with the interested parties on September 19, 2020 to go over the design plans. The District requested written comments on the design plans by October 18, 2019. The District received comments by the public that were reviewed and evaluated. Several of these comments were incorporated

Kimberly D. Bose, Secretary
February 7, 2020
Page 2

by the District into the final design, which included more precise numbers and locations of parking spaces at each site. These recommended changes incorporated into the final design did not warrant an additional 30-day comment period. The District filed the final design plans with the Commission on December 16, 2019.

The District trusts that this correspondence is responsive to the Commission's January 8, 2020 letter. Please contact me if additional information is required.

Sincerely,



(b) (6)

Joseph M. First
Lewis County PUD
Generation Manager

cc: Debbie Carlson, BPA
Michael Deckert
John Stormon

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Public Utility District No. 1 of
Lewis County, Washington

Project No. 2833-108

ORDER GRANTING EXTENSION OF TIME

(Issued June 08, 2020)

1. On May 28, 2020, Public Utility District No. 1 of Lewis County, Washington (District), licensee for the Cowlitz Falls Hydroelectric Project No. 2833, filed a request for an extension of time to file the first monitoring report for the Copper Canyon Creek Take-Out Site required by ordering paragraph (E) of Commission staff's Order Amending Whitewater Boating Take-out Site Plan issued April 30, 2019 (2019 Order).¹ The licensee's filing is the second extension of time request for this requirement.² The project is located at the confluence of the Cispus and Cowlitz Rivers in Lewis County, Washington.
2. The 2019 Order amended the project's whitewater boating take-out site plan approved by Commission staff on June 22, 2006.³ Ordering paragraph (E) of the 2019 Order requires the District to prepare and file the Copper Canyon Creek Take-out Site monitoring report on April 1, 2020 and April 1, 2021, by April 1 every six years thereafter (beginning 2027), unless otherwise directed by the Commission. The required monitoring report is to be prepared in consultation with the boating community and specific agencies and include specific information on river flows, boater usage, and any road closures, as well as an assessment of the overall condition and adequacy of the take-out site.
3. In its filing, the District requests an extension of time until July 1, 2020 to file the required monitoring report due on May 1, 2020, in order to address comments it received

¹167 FERC ¶ 62, 074.

² On March 9, 2020, Commission staff granted the licensee's previous extension of time request to file the required monitoring report by May 1, 2020.

³ Order Modifying and Approving Whitewater Boating Take-out Site Plan (115 FERC ¶ 62,305). Order on Rehearing (117 FERC ¶ 61,188), issued November 16, 2006.

from the consulted agencies and boating community on the monitoring report.⁴

4. The requested extension of time would provide the District additional time to fully consider the comments and recommendations it received before filing the required monitoring report with the Commission.⁵ Further, the District's request would correct the current overdue filing requirement. For these reasons, the District's request should be granted.

The Director orders:

(A) Public Utility District No. 1 of Lewis County, Washington's request, filed May 28, 2020, for an extension of time to file the first Copper Canyon Creek Take-out Site monitoring report for the Cowlitz Falls Project No. 2833 is granted. The required monitoring report is due by July 1, 2020.

(B) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 8251 (2018), and the Commission's regulations at 18 C.F.R. § 385.713 (2019). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee's failure to file a request for rehearing shall constitute acceptance of this order.

Jon Cofrancesco
Land Resources Branch
Division of Hydropower Administration
and Compliance

⁴ On June 1, 2020, Mr. John Stormon filed comments on the District's extension of time request. While Mr. Stormon states he is not opposed to the request, he notes that it contains some inaccuracies and he reiterates his previous comments provided on the monitoring report. As required under ordering paragraph (E) of the 2019 Order, the District's monitoring report filed with the Commission must include, among other things, documentation of consultation with specific parties including Mr. Stormon; as well as the District's response to any comments and recommendations it receives from such parties.

⁵ The District's extension of time request was filed past the monitoring report's due date. The District is reminded to make future filings by the required due date or request an extension of time pursuant to 18 CFR 385.2008 prior to filing due date. Future untimely filings for the project may be considered a violation of the license.

Hold for Plan
Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

March 2, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Cowlitz Falls Project – FERC No. P-2833
Public Utility District No. 1 of Lewis County, WA
Request for Extension of Time to File the Copper Canyon Creek Take-out Site Monitoring Report

Dear Secretary Bose:

Pursuant to Rule 2008(a) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.2008(a), Public Utility District No. 1 of Lewis County, Washington (District) requests a 30-day extension of time to comply with ordering Paragraph (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-out Site Plan, 167 FERC ¶ 62,074. The requested extension will allow the District adequate time to solicit comments and recommendations from agencies and members of the whitewater boating community on the draft Copper Canyon Creek Take-out Site Monitoring Report.

The Commission's April 30 Order required the District to submit the first Copper Canyon Creek Take-out Site Monitoring Report on April 1, 2020. The District requests additional time to allow the agencies and whitewater boating community to comment and the District to review these comments.

For the foregoing reasons, the District respectfully requests an extension of time to May 1, 2020, to submit the report in compliance with ordering Paragraphs (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-out Site Plan.

Sincerely,

(b) (6) GENERATION SUPERINTENDENT

"ON BEHALF OF JOE FIRST"

Joseph M. First
Generation Manager
Lewis County Public Utility District
Cowlitz Falls Hydroelectric Project

cc: Debbie Carlson, BPA

BUB

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Public Utility District No. 1 of
Lewis County, Washington

Project No. 2833-108

ORDER GRANTING EXTENSION OF TIME

(Issued March 9, 2020)

1. On March 2, 2020, Public Utility District No. 1 of Lewis County, Washington (District), licensee for the Cowlitz Falls Hydroelectric Project No. 2833, filed a request for an extension of time to file the first monitoring report for the Cooper Canyon Creek Take-Out Site required by ordering paragraph (E) of Commission staff's Order Amending Whitewater Boating Take-out Site Plan issued April 30, 2019 (2019 Order).¹ The project is located at the confluence of the Cispus and Cowlitz Rivers in Lewis County, Washington.
2. The 2019 Order modified and approved the District's application to amend the project's whitewater boating take-out site plan approved by Commission staff on June 22, 2006.² Ordering paragraph (E) requires the District to prepare and file the Cooper Canyon Creek Take-out Site monitoring report identified in the approved application on April 1, 2020 and April 1, 2021, by April 1 every six years thereafter (beginning 2027), unless otherwise directed by the Commission. The required monitoring report is to be prepared in consultation with specific resources agencies, the boating community, and other entities. The report is to provide information for the preceding year including, among other things, specific information and data on river flows and the quantity and type of vehicles using the take-out site, vehicle parking capacity and use, an assessment of the overall condition of the take-out site, documentation of consultation with the boating community on the adequacy of the take-out site to meet boater needs, and a description of any road closures of the 300 and 340 Roads.
3. In its filing, the District requests a 30-day extension of time to file the required monitoring report due on April 1, 2020, in order to allow sufficient time for the consulted

¹167 FERC ¶ 62, 074.

² Order Modifying and Approving Whitewater Boating Take-out Site Plan (115 FERC ¶ 62,305). Order on Rehearing (117 FERC ¶ 61,188), issued November 16, 2006.

agencies and boating community to comment and make recommendations on its draft monitoring report and sufficient time for the District to review such comments and recommendations.

4. The requested extension of time is for a relatively short duration and would provide the District needed time to fully address the comments and recommendations on its draft monitoring report before filing the required monitoring report with the Commission. For these reasons, the District's request is justified and should be granted.

The Director orders:

(A) Public Utility District No. 1 of Lewis County, Washington's request, filed March 2, 2020, for a 30- day extension of time to file the first Cooper Canyon Creek Take-out Site monitoring report for the Cowlitz Falls Project No. 2833 is granted. The required monitoring report is due by May 1, 2020.

(B) This order constitutes final agency action. Any party may file a request for rehearing of this order within 30 days from the date of its issuance, as provided in section 313(a) of the Federal Power Act, 16 U.S.C. § 8251 (2018), and the Commission's regulations at 18 C.F.R. § 385.713 (2019). The filing of a request for rehearing does not operate as a stay of the effective date of this order, or of any other date specified in this order. The licensee's failure to file a request for rehearing shall constitute acceptance of this order.

Jon Cofrancesco
Land Resources Branch
Division of Hydropower Administration
and Compliance

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Tuesday, March 24, 2020 1:06 PM
To: Joe First; Chris Roden
Cc: Carlson,Debbie (BPA) - PGAC-RICHLAND
Subject: [EXTERNAL] Re: **EXTERNAL EMAIL** Hazardous Rockfall area - recreation access

Hi Joe,
Again, that doesn't answer the question. What is the status of making the north abutment hazardous rockfall area safe for public access to the North Shore Boat Ramp?
Thanks,
Michael

> On Mar 24, 2020, at 1:04 PM, Joe First <joef@lcpud.org> wrote:

>

> Michael,

>

> I will discuss the status of this project at the annual meeting.

>

> Joe

>

> -----Original Message-----

> From: ourfamily <(b) (6)>

> Sent: Tuesday, March 24, 2020 11:08 AM

> To: Joe First <joef@lcpud.org>; Chris Roden <chriss@lcpud.org>

> Cc: Debbie Carlson <dcarlson@bpa.gov>

> Subject: Re: **EXTERNAL EMAIL** Hazardous Rockfall area - recreation access

>

> Hi Joe,

> That didn't answer the question. What is the status of making the north abutment hazardous rockfall area safe for public access to the North Shore Boat Ramp?

> Thanks,

> Michael

>

>

>> On Mar 24, 2020, at 10:30 AM, Joe First <joef@lcpud.org> wrote:

>>

>> Michael,

>>

>> I will discuss this at our annual meeting.

>>

>> Joe

>>

>> -----Original Message-----

>> From: ourfamily <(b) (6)>

>> Sent: Monday, March 16, 2020 5:35 PM

>> To: Joe First <joef@lcpud.org>; Chris Roden <chriss@lcpud.org>

>> Cc: Debbie Carlson <dcarlson@bpa.gov>

>> Subject: ****EXTERNAL EMAIL**** Hazardous Rockfall area - recreation access

>>

>>

>> 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 Joe,

>> What's the status of making the north abutment hazardous rockfall area safe for public access to the North Shore Boat Ramp?

>> Thanks,

>> Michael

>>

>>

>> _____

>>

>> Joe First

>> Generation Manager | Lewis County PUD | www.lcpud.org

>> o:(360) 748-9261 | d:(360) 345-1469 | e:joef@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.

>

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Monday, March 30, 2020 8:45 AM
To: Michelle Holmes
Cc: Abbas; allen@vanderstoep.com; Anna Bires; Bob Metzger; Canoe; Carol Sedar; Celia Parker; Chris Roden; Chris Wittenfield; Carlson,Debbie (BPA) - PGAC-RICHLAND; Duane Evans; Greg Provenzano; Jerry Bailey; Joe First; John Stormon; Laura Wolfe; M; Michael Aquilino; Mike Grijalva; Paul Butler; Peggy.Miller@dfw.wa.gov; President; Rebecca Post; Renee C Paradis; Rick Schoen; Sam DiBella; Michael McCarty; Susan Rosebrough (susan_rosebrough@nps.gov); Tina Myren; Tom Okeefe (okeefe@amwhitewater.org)
Subject: [EXTERNAL] Re: **EXTERNAL EMAIL** Re: Take Out Site Monitoring

Hi Michelle,
Thank you for the clarification.
My first comment is: I am unable to comment on how the PUD will use this data to determine adequacy of the parking as there are no explanations, or examples of the PUD's calculations in the draft.

Thank you,
Michael

On Mar 30, 2020, at 8:36 AM, Michelle Holmes <michelleh@lcpud.org> wrote:

Good morning Michael,

The 30 day comment period will begin today as the documents for review were attached in the email. The comment period will end on Wednesday, April 29, 2020. We will be holding the conference call to review the 2019 Take Out Site Monitoring Report on Thursday, April 23, 2020, but will have the remainder of the 30 comment period to send any comments. Thank you.

From: ourfamily <(b) (6)>
Sent: Monday, March 30, 2020 8:30 AM
To: Michelle Holmes <michelleh@lcpud.org>
Cc: Abbas <gabbas@fs.fed.us>; (b) (6); Anna Bires <(b) (6)>; Bob Metzger <(b) (6)>; Canoe <(b) (6)>; Carol Sedar <Carol.Sedar@ecv.wa.gov>; Celia Parker <(b) (6)>; Chris Roden <chris@lcpud.org>; Chris Wittenfield <(b) (6)>; Debbie Carlson <dcarlson@bpa.gov>; Duane Evans <(b) (6)>; Greg Provenzano <(b) (6)>; Jerry Bailey <(b) (6)>; Joe First <joef@lcpud.org>; John Stormon <(b) (6)>; Laura Wolfe <lauraw@lcpud.org>; M <(b) (6)>; Michael Aquilino <(b) (6)>; Mike Grijalva <(b) (6)>; Paul Butler <(b) (6)>; Peggy.Miller@dfw.wa.gov; President <(b) (6)>; Rebecca Post <(b) (6)>; Renee C Paradis <(b) (6)>; Rick Schoen <(b) (6)>; Sam DiBella <(b) (6)>; Michael McCarty <michael@mccarty-

legal.com>; Susan Rosebrough (susan_rosebrough@nps.gov) <susan_rosebrough@nps.gov>; Tina Myren <(b) (6)>; Tom Okeefe <(b) (6)>

Subject: **EXTERNAL EMAIL Re: Take Out Site Monitoring**

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 Michelle,

To be clear about the PUD's intent with these documents. Are you providing them as the beginning of the 30 day comment period?

Or, are these documents and the April 23rd meeting being provided with the intent of substantially rewriting the report, and later providing a 30 day comment period?

Thank you,
Michael

On Mar 30, 2020, at 7:21 AM, Michelle Holmes <michelleh@lcpud.org> wrote:

All,

Please review the documents attached. We will be setting up a conference call with agencies and the Whitewater Community to discuss the 2019 Copper Canyon Creek Take-Out Site Monitoring Report. Thank you.

Michelle Holmes

CF Administrative Assistant | Lewis County PUD | www.lcpud.org
o:(360) 748-9261 | d:(360) 345-1468 | e:michelleh@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. <9-19-19 Meeting Minutes.pdf><2019 Copper Canyon Creek Take Out Monitoring Rerport.pdf><2019 Electronic Vehicle Count.pdf><5-16-19 Meeting Minutes.pdf>

Carlson,Debbie (BPA) - PGAC-RICHLAND

From: ourfamily <(b) (6)>
Sent: Monday, March 30, 2020 9:00 AM
To: joef@lcpud.org; David Van Cleve; Jon Cofrancesco
Cc: Michael McCarty; Cc: (b) (6) michelleh@lcpud.org; gabbas@fs.fed.us;
(b) (6) (b) (6)
chrisr@lcpud.org; (b) (6) Carlson,Debbie (BPA) - PGAC-RICHLAND;
(b) (6)
lauraw@lcpud.org; (b) (6)
Peggy.Miller@dtw.wa.gov; (b) (6)
(b) (6)
susan_rosebrough@nps.gov (b) (6)
Subject: [EXTERNAL] Re: [Records Center] Public Records Request :: R000121-111119

Hi Joe,
The PUD sent out it's Recreation Monitoring Plan for review today. We still have not received the underlying images from the two monitoring cameras (the boat ramp and uphill cameras). Please provide that data promptly.

A comment on the plan is: I'm unable to comment on the adequacy of the plan due to missing data. A cursory review of the table provided indicates many vehicles were not accounted for.

Thank you,
Michael

On Mar 11, 2020, at 5:29 PM, ourfamily <(b) (6)> wrote:

Hi Joe,
I also understood that the District would cooperate and "4) monitor and report the use and adequacy of the Approved Take-out Site through vehicle counts and regular data sharing and consultation with the boating community;"

To best help the District develop their Recreation Monitoring Plan, getting data in a timely manner is useful. When will you provide the boat ramp photos?

Thank you,
Michael

On Mar 10, 2020, at 9:11 PM, David Van Cleve <(b) (6)> wrote:

Joe

I understand that I am the second person that the PUD is charging approximately \$600 for photos of the take out at Copper Canyon. I request that the PUD provide these records for free because of the LCPUD statement in a FERC filing that the LCPUD submitted early last year. It is our understanding and FERC's understanding that LCPUD will provide this information to the boating community. The following is quote from the LCPUD filing with FERC.

"4) monitor and report the use and adequacy of the Approved Take-out Site through vehicle counts and regular data sharing and consultation with the boating community; and"

We request the information the photo records to be able to determine the usage at Cooper Canyon so that we can provide proper comments on oncoming submittals by LCPUD to FERC. We only asked for Freedom of Information request because we thought this was the only way to get the data that the LCPUD said that they would provide to the boating community.

Please consider this request and provide the information.

David

On Mar 10, 2020, at 3:45 PM, Lewis County PUD Public Records Center <lewiscountypud@mycusthelp.net> wrote:

--- Please respond above this line ---



RE: Public Records Request, Reference PRR #**R000121-111119**

Dear PE David Van Cleve,

The Public Utility District # 1 of Lewis County received your public records request dated 11/11/2019 for the following:

""All records from 10/1/2018 to the present related to the FERC required reservoir and river access under P-2833-108 Order Amending Whitewater Boating Takeout Site

Plan issued April 30, 2019 (2019 Order).

These records are time sensitive. Please provide them by December 12, 2019.”

Staff has reviewed files and prepared an installment of records believed to be responsive to your request. Our records search consisted of: paper files, shared drive, district databases, emails, calendars, thumb drives or CDs, text messages, and social media accounts.

For this installment, charges total **\$634.68** based on the calculation as detailed below (per the Revised Code of Washington (RCW) 42.56.120(2)(c) and the Public Utility District # 1 of Lewis County Fee Schedule):

Fees Charged:

Installment 5 - 54 records uploaded to email, or cloud based data storage service, or other means of electronic delivery. \$.05 per four electronic files or attachments.: \$0.68

Installment 5 - 50,714 Boat Ramp Photos - Records uploaded to email, or cloud based data storage service, or other means of electronic delivery. \$.05 per four electronic files or attachments.: \$633.90

Installment 5 - Records transmitted in electronic format or for use of agency equipment to send records electronically. (\$.10/gigabyte): \$0.10

You may view the current invoice by clicking [HERE](#). Payment may be made in the form of cash, check or money order payable to Public Utility District # 1 of Lewis County with PRR #R000121-111119 written in the memo section and mailed or brought in person to:

**Public Utility District # 1 of Lewis County
ATTN: Public Records Officer
321 NW Pacific Avenue
Chehalis, WA 98532**

The District strives to provide the fullest assistance to requestors, we also desire to prevent excessive interference with other essential functions. As a result, we intend to close this particular public records request as abandoned without further action on **April 9, 2020**, unless payment is remitted.

Sincerely,

Taresa Robertson
Records Retention Specialist

To monitor the progress or update this request please log into the [Lewis County PUD Public Records Center](#)



Copper Canyon Creek Take Out Site and Alternative Site #1 are closed. The access road will be graveled. There is already a turnaround area located at the site. Parking areas will be located along the road and graveled. LCPUD will provide a portable toilet when the site is in use, and the District will inspect the site and perform maintenance every three weeks. Obtain FERC approval in FY 2020. Obtain permits in FY 2024. Implementation in FY 2025. The District asked for comments, there were no comments provided.

Agenda item: Monitoring Plan **Presenter:** Joe

Discussion: LCPUD will install electronic monitoring at all three locations.

Agenda item: Next Meeting **Presenter:** All

Annual Meeting Spring 2020

Agenda item: Closing **Presenter:** All

OTHER INFORMATION

Special notes:

2019 Copper Canyon Creek Take-Out Site Monitoring Report

March 27, 2020

This report summarizes the 2019 recreational usage of Copper Canyon Creek Take-Out Site. The report contains an assessment of the condition of the take-out site. District staff met with the agencies and whitewater community twice in 2019 and summaries are included. A description of the electronic monitoring is incorporated into the report.

1. Monitoring Data

The roadway is continually electronically monitored to count vehicles entering Copper Canyon Creek Take-Out Site. The electronic monitoring data was recorded for each day in 2019. Additionally, manual vehicle counts were also performed. All data was used and not selected data for prescribed periods of time. The monitoring data is attached.

2. Condition Assessment

- a. The roadway and parking areas were in good condition. District personnel cleared downed tree limbs when needed.
- b. The river exit and take-out walkway to the roadway were in good condition. District personnel cleared downed tree limbs when needed. The ramp exiting the river was in good condition.
- c. The trail from the roadway to Copper Canyon Creek was in good condition. The trail pathway was firm and clear of brush and tree limbs. No additional major work is needed. The District will re-gravel the trail at the same time the new parking area is developed.
- d. The area around the picnic table was kept clear. The District added a second picnic table. Gravel will be added to the picnic table area when the new parking area is developed.
- e. The portable restroom was not cleaned regularly by the contractor hired to perform this work. The District contacted this contractor several times with poor results. The contractor did not fulfill their responsibilities with regular servicing of the portable restroom. The contractor was to service the portable restroom every two weeks. The District has recently changed the portable restroom servicing schedule to once a week and now performs regular checks to confirm servicing by the contractor.
- f. The take-out site area was kept clean of trash. Regular inspections were performed by District staff.
- g. New informational signs were added.

3. Meetings with Agencies and Whitewater Community

The District met with the agencies and whitewater boating community for the annual meeting on May 16, 2019 and for the take-out site plan review September 19, 2019. Summaries for these meetings are attached.

4. 300 and 340 Road Closures

There were no 300 or 340 road closures in 2019.

5. Electronic Monitoring Description

The District uses a camera at the located at the beginning of the roadway loop to monitor vehicle traffic. The camera is a battery operated digital camera with a motion detector. The camera is placed to record all vehicle traffic that enters Copper Canyon Creek Take-Out Site. The camera is capable of counting 2-axle and 3-axle or more vehicles. The District downloaded the data on the camera and viewed the images to count vehicles.

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
1/1	1					1230
1/2	1					1110
1/3						
1/4						
1/5	1					1030
1/6						
1/7	2					983
1/8						
1/9	4					892
1/10						
1/11	2					1050
1/12	2					1060
1/13	5					975
1/14	2					933
1/15	3					925
1/16						
1/17	2					869
1/18						
1/19	5					900
1/20						
1/21	3					877
1/22	2					830
1/23						
1/24						
1/25						
1/26	1					917
1/27	5					900
1/28	1					877
1/29	3					884
1/30						
1/31	1					839
TOTAL	46					
2/1						

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
2/2	2					986
2/3						
2/4	2					890
2/5						
2/6	1					753
2/7						
2/8						
2/9						
2/10						
2/11	1					658
2/12						
2/13						
2/14						
2/15						
2/16						
2/17						
2/18						
2/19	1					550
2/20	1					540
2/21						
2/22	2					520
2/23						
2/24	1					515
2/25						
2/26						
2/27	1					481
2/28	1					477
TOTAL	13					
3/1	2					482
3/2	1					477
3/3	1					463
3/4	2					464
3/5	2					427

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
3/6						
3/7						
3/8	1					456
3/9	1					451
3/10	3					443
3/11	1					438
3/12						
3/13	2					448
3/14	2					440
3/15	2					445
3/16	3					436
3/17	11					464
3/18						
3/19	1					525
3/20	2					581
3/21	2					653
3/22	2			1	0	679
3/23	1					739
3/24	6					747
3/25	1					748
3/26						
3/27	3					742
3/28	1					695
3/29	1					709
3/30	1					710
3/31	2					710
TOTAL	57			1	0	
4/1	3					717
4/2	2					759
4/3						
4/4						
4/5	1					988
4/6	3					1120

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
4/7	6					1340
4/8						
4/9						
4/10						
4/11						
4/12	1					1830
4/13	3					1800
4/14	1					1760
4/15						
4/16						
4/17	4					1310
4/18	2					1310
4/19						
4/20	1					1650
4/21	4					1670
4/22	1					1600
4/23	2					1590
4/24						
4/25	1					1630
4/26	1					1540
4/27	7					1490
4/28	2					1410
4/29	1					1230
4/30	2					1110
TOTAL	48					
5/1				1	0	
5/2	1					1010
5/3	1					966
5/4	9			1	3	992
5/5	5					1050
5/6						
5/7	1					1290
5/8						

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
5/9	5			1	1	1540
5/10	2					1710
5/11	13					1790
5/12	7					1810
5/13						
5/14						
5/15	1					1550
5/16	5	1				1460
5/17						
5/18	15					1580
5/19	4					1570
5/20	1					1600
5/21	1					1630
5/22	1					1610
5/23	3					1420
5/24	2					1460
5/25	13	1				1380
5/26	17					1260
5/27	3			1	0	1270
5/28	3					1260
5/29	4			1	0	1250
5/30	1					1280
5/31						
TOTAL	118	2		5	4	
6/1	4			1	1	1290
6/2	8			1	2	1300
6/3	5					1250
6/4	2			1	0	1140
6/5	1					1030
6/6	4					1040
6/7	2					925
6/8	10			1	2	950
6/9	15					838

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
6/10	2					815
6/11	1					846
6/12	2					917
6/13						
6/14	4					958
6/15	9					861
6/16	8					815
6/17	1			1	0	808
6/18	2					801
6/19	1			1	0	765
6/20						
6/21	1					690
6/22	7					658
6/23	3					658
6/24	4					645
6/25	2					621
6/26	3			1	0	597
6/27	1			1	0	627
6/28	2					586
6/29	8					558
6/30	6					569
TOTAL	118			8	5	
7/1	6					569
7/2	4					574
7/3	2					547
7/4	7					563
7/5	9					558
7/6	12					536
7/7	5					536
7/8	5					525
7/9	4					510
7/10	3					558
7/11	2			1	1	536

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
7/12	5					530
7/13	6	1				489
7/14	10					474
7/15						
7/16						
7/17	2					488
7/18	2					534
7/19	6	1				472
7/20	9					466
7/21	6	2				442
7/22				1	0	
7/23	11	1				484
7/24	3					454
7/25	3					449
7/26	5					443
7/27	5					462
7/28	6					466
7/29	2					423
7/30	1					432
7/31	2					445
TOTAL	143	5		2	1	
8/1						
8/2	1			1	0	434
8/3	13					457
8/4	6					429
8/5	3					446
8/6						
8/7	1					450
8/8	4					458
8/9	3			1	0	458
8/10	5					617
8/11	8					476
8/12	3					446

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
8/13	2			1	0	423
8/14	3					409
8/15	2					417
8/16	3					417
8/17	11					403
8/18	9					394
8/19	1					373
8/20	2			1	0	401
8/21	3					409
8/22	4					440
8/23	3					383
8/24	4					395
8/25	4					382
8/26						
8/27	4			1	1	376
8/28	2					372
8/29	1			1	0	383
8/30	3					408
8/31	3					378
TOTAL	111			6	1	
9/1	12					394
9/2	5					334
9/3	2					341
9/4	1					360
9/5	3					321
9/6	1			1	0	339
9/7	4					350
9/8	6					420
9/9	4					398
9/10	5					389
9/11	1			1	0	352
9/12	3			1	1	329
9/13	1					355

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
9/14	11					331
9/15	5					354
9/16	2					345
9/17	1					372
9/18	3					401
9/19	3					380
9/20	5					332
9/21	9					335
9/22	6					338
9/23	1					357
9/24	2					361
9/25	1					337
9/26	3					344
9/27						
9/28	3					339
9/29	6					342
9/30						
TOTAL	109			3	1	
10/1	1					305
10/2	2					308
10/3				1	0	
10/4	2					308
10/5	10					312
10/6	4					298
10/7	4			1	0	305
10/8	3					414
10/9	5					423
10/10	2					401
10/11	8					364
10/12	12					356
10/13	9	1				341
10/14	1			1	0	345
10/15	5					345

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
10/16	3					333
10/17	4					414
10/18	6					504
10/19	8					603
10/20	6					744
10/21	3					658
10/22	3					846
10/23	2					861
10/24	5					658
10/25	6					597
10/26	7					621
10/27	9					536
10/28	3			1	0	520
10/29	2					494
10/30	5					451
10/31	2					437
TOTAL	142	1		4	0	
11/1	1					410
11/2	5					406
11/3	7					393
11/4	3					384
11/5	1					380
11/6	2					372
11/7	2					364
11/8	2					348
11/9	6					348
11/10	6					368
11/11	4					356
11/12	3					348
11/13	2					341
11/14	9					330
11/15	5			1	0	348
11/16	7					352

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
11/17	6					345
11/18						
11/19						
11/20	2					372
11/21						
11/22	2					356
11/23	1					345
11/24	3					341
11/25	1					348
11/26				1	0	
11/27	3					326
11/28	5					319
11/29	7					308
11/30	9					298
TOTAL	104			2	0	
12/1	5					301
12/2	3			1	0	308
12/3	4					305
12/4	8			1	2	301
12/5	5					298
12/6	8			1	1	301
12/7	5					312
12/8	7					333
12/9	4					322
12/10	1			1	0	319
12/11						
12/12	2					389
12/13	4					419
12/14	3					393
12/15	1					389
12/16	3			1	0	380
12/17						
12/18						

2019-Take Out Site Camera Report

Date	Vehicles	Trailers	Parking Capacity	LCPUD On-Site	Manual Vehicle Counts	Cispus Flow (cfs)
12/19				1	0	
12/20	3					3330
12/21	4					4770
12/22	2					3110
12/23	1			1	0	2280
12/24						
12/25						
12/26						
12/27						
12/28						
12/29						
12/30						
12/31						
TOTAL	73			7	3	

GRAND TOTAL	1,082	8		37	15	
--------------------	--------------	----------	--	-----------	-----------	--

Lower Cispus River Annual Meeting

Thursday, May 16, 2019 | Morton Auditorium



Meeting called by: Joe First

Type of meeting: 2019 Annual Meeting

NOTES

Agenda item: Opening/introductions **Presenter:** All

Agenda item: Review of 2018/2019 Copper Canyon Creek Take Out Site **Presenter:** Joe

Discussion:

LCPUD has been more diligent inspecting and maintaining the take out site. Clean up looks good.

Feedback provided to LCPUD: provide better up keep to the portable toilet. (out of toilet paper, portable toilet tipped over) Boaters suggested strapping down the portable toilet if possible and adding a camera pointed at the portable toilet.

September 2018-November 2018 website incorrect with road closures. LCPUD updated the website in some, but not all website locations in September-November 2018. LCPUD will be more attentive with website updates.

LCPUD will be adding more informational and directional signs at the take out site, should be up in the next two weeks.

Usage reporting-Approximately 1600 images to review from cameras. LCPUD is monitoring the take out site usage. LCPUD will count the usage to date by the end of June. There will be a 30 day review period, and will be included in our annual report to FERC.

Agenda item: Review of FERC Correspondence **Presenter:** Joe

Discussion:

Submitted detailed parking plan, monitoring plan, and alternate take out sites. LCPUD will provide draft plans for agencies and boaters for a 30 day review. LCPUD is planning to have these plans ready to review by August 30.

John and Peggy both mentioned that comments should be sent in the future to FERC.

Monitoring was requested to continue after sites constructed to get better data and also after parking is complete.

Comments on the plans will be due back to LCPUD by September 30. LCPUD will submit the final plans to FERC by October 30, 2019.

LCPUD is planning a reservoir drawdown mid-September through mid-October. Boaters would like to view boat ramp during drawdown.

Agenda item: Copper Canyon Creek Take Out Site Monitoring **Presenter:** Joe

Discussion:

Cameras and visual monitoring. Visual monitoring includes vehicles, trailers, people, etc. LCPUD will provide every 3 weeks maintenance, plus more monitoring for vandalism, wind damage, etc.

Boaters asked if monitoring will be provided for alternate sites. LCPUD responded when Copper Canyon is closed, alternate sites will be monitored, and cameras will also be placed at alternate sites.

Agenda item: Copper Canyon Creek Take Out Site Parking **Presenter:** Joe

Discussion:

LCPUD's goal is to maximize parking within agency guidelines.

Boaters request to send out aerial image before design work.

Ecology has visited site and DNR has been in contact with LCPUD regarding parking.

Boaters asked about standards used for design. LCPUD will create a detailed design this summer allowing for adequate vehicle turn around, etc.

Michael asked us about a possible picnic shelter area. Joe responded that he would like to keep the wild and scenic nature of the site.

Agenda item: Alternate Take Out Site **Presenter:** Joe

Discussion:

Laydown Alternate LCPUD will improve the road, add parking and gates. LCPUD proposed an overflow parking area for the Copper Canyon Creek Take Out site at the entrance to the laydown area.

Northshore Boat Launch Alternate Site-Upstream of the dam-electronically monitor with cameras. Possibly electronic vehicle gate. Will be open during times when the 300 road is closed due to fire danger. Will be shut down during flood drawdowns and will be available during maintenance drawdowns.

Agenda item: FERC License Compliance **Presenter:** Joe

Discussion:

Agenda item: Next Meeting **Presenter:** All

Discussion:

Agenda item: Closing **Presenter:** All

ACTION ITEMS

Action items	Person responsible	Deadline	Completed
Provide Usage Data	Joe	June 30 th	
Install Signs at Copper Canyon Creek Take Out	Joe	June 30 th	
Provide Copper Canyon Cree Take Out Parking Design	Joe	August 30 th	
Provide Plan of Alternate Site	Joe	August 30 th	
Provide Monitoring Plan	Joe	August 30 th	

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

May 11, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Cowlitz Falls Project – FERC No. P-2833
Public Utility District No. 1 of Lewis County, WA
Removal of Packwood Ballpark from Recreation Plan

Dear Secretary Bose:

On January 30, 2020, FERC issued an order to Public Utility District No. 1 of Lewis County, Washington (District) to remove the Packwood Community Ballpark (Packwood Ballpark) as a project recreation facility for the Cowlitz Falls Hydroelectric Project (P-2833). The Packwood Ballpark is a feature of the revised Recreation Plan approved by FERC order dated April 25, 1994.

By letter dated March 1, 2017, the Commission staff determined that the Packwood Ballpark need not be included within the project boundary due to its remote location, the fact that the facilities are non-contiguous with and are not directly associated with public recreational access to project waters or features, and the fact that very similar recreation facilities are located on project lands in close proximity to principal project features.¹ Staff accordingly directed the District to submit an application to remove the Packwood Ballpark as a project recreation facility.²

On October 24, 2019, the District filed the application to amend the approved revised Recreation Plan to exclude the Packwood Ballpark from the Cowlitz Falls Hydroelectric Project.

Background

The Commission issued an original license for the Cowlitz Falls Project by order dated June 30, 1986. In describing the District's proposed Recreation Plan (Exhibit R of the license application), the Commission noted that among other features, the District proposed to "acquire and develop a **non-project site** as a multi-purpose athletic field."³ (Emphasis added.) After meeting with community organizations and local citizens, the District submitted for approval a revised Recreation Plan on June 18, 1993. In lieu of an

¹ Letter dated March 1, 2017 from Robert J. Fletcher, Chief, Land Resources Branch, FERC-DHAC, to Robert Geddes, Manager, Lewis County PUD, at p. 3.

² *Id.* at pp. 3-4.

³ Order Issuing License (Major), 35 FERC ¶ 61,431, mimeo at p. 12 (1986).

Kimberly D. Bose, Secretary
May 11, 2020
Page 2

originally planned single day-use site to be developed between the towns of Randle and Packwood, the District proposed to build two separate facilities, one in Randle and one in Packwood. The Packwood development would include a picnic shelter/restroom building, one multipurpose athletic field, a parking area for 80 cars, and six picnic units. The Commission approved the revised recreation plan by order issued April 25, 1994.⁴

Pursuant to the FERC-approved revised recreation plan, the District constructed and maintains the Packwood Community Ballpark at the intersection of Silver Road and Skate Creek Road in Packwood. The Commission approved the as-built drawings for the Packwood facility by order issued May 22, 1998.⁵ The Packwood Ballpark, however, has never been added to the project's Exhibit K maps or otherwise been included within the project boundary.

In response to a complaint received from Pat Kelleher on October 31, 2016, alleging the District had failed to include the Packwood Ballpark within the project boundary maps, the Commission staff determined in its March 1, 2017 correspondence that "the Packwood Community Ballpark should not be added to the project boundary because of an insufficient connection to project purposes and the availability of similar facilities closer to the project." The staff's letter went on to direct the District to file an application to remove the Packwood Ballpark as a feature of the project's Recreation Plan.

In accordance with the Commission's January 30, 2020 order, the District has removed Packwood Community Ballpark as a licensed project feature. The District has included the June 18, 1993 revised recreation plan with references to Packwood Community Ballpark removed.

The licensed project facilities will continue to include a similar ballpark development that is situated within the project boundary adjacent to the Cowlitz Falls Campground complex (also known as Bud Allen Park) near Randle, Washington. The Randle ballpark design was approved by the Commission's aforementioned Order Approving Revised Recreation Plan issued April 25, 1994. It includes a restroom/picnic shelter building, six picnic tables, parking for 50 vehicles, and two ballfields (one for baseball/softball and one soccer field).

Please feel free to contact me at 360-345-1469 or joeff@lcpud.org with any questions or information requests concerning this application.

Sincerely,

(b) (6)

Joseph M. First
Generation Manager
Lewis County Public Utility District
Cowlitz Falls Hydroelectric Project

cc: Debbie Carlson, BPA

Enclosure

⁴ Order Approving Revised Recreation Plan, 67 FERC ¶ 62,069 (1994).

⁵ Order Approving As-Built Drawing, 83 FERC ¶ 62,154 (1998).

ORIGINAL

COMMISSIONERS
JAMES H. HUBENTHAL, President
JOHN L. KOSTICK, Vice Pres.
LEONARD M. ALLEN, Secretary

OFFICERS
GARY H. KALICH, Manager
RORY K. MILLER, Treasurer
JAMES R. HASELWOOD, Auditor
RONALD D. RAFF, Supt.

Lewis County N
PUBLIC UTILITY DISTRICT

321 N.W. PACIFIC AVE., CHEHALIS, WA • PHONE: (206) 748-9261
Mailing Address: P.O. Box 330 • Chehalis, Washington 98532
FAX (206) 748-8051

December 21, 1993

Secretary
Federal Energy Regulatory Commission
825 N. Capitol Street N.E.
Washington, D.C. 20426

Subject: Cowlitz Falls Hydroelectric Project
FERC Project No. ~~222~~ Washington
"Exhibit "R" Day Use Park

Reference: FERC Letter to Lewis County PUD, Dated Sept. 13, 1993
Lewis County PUD Letter to FERC, Dated June 9, 1993

FILED SECRETARY
OFFICE OF THE SECRETARY
93 DEC 27 PM 2:53
FEDERAL ENERGY
REGULATORY
COMMISSION

035

Dear Secretary:

In compliance with the Project's FERC license the District is planning to construct a "Date Use Park" in the Randle ~~Packwood~~ area located immediately east of the Cowlitz Falls Project. The District is requesting to locate the day use park near ~~Packwood and add an athletic field to~~ the Cowlitz Falls campground facilities near the town of Randle.

The District has met on a number of occasions with residents of the communities of Randle and Packwood regarding the location for the day use park. ~~It became apparent to those involved that no one suitable location would best serve the interests of the two communities.~~

With input from the communities and Lewis County Parks and Recreation (now Lewis County Department of Community Services) it is believed that the construction on an athletic field at the campground on the Peters Road would best serve Randle ~~and construction of the day use park on the Cannon Road would best serve Packwood.~~

No objection by Lewis County, the State Department of Natural Resources or the State Office of Archaeology and Historic Preservation (SHPO) was received for our recreation development plan (see attached correspondence).

In your letter dated September 13, 1993 you requested additional information to address the environmental effects of the construction of the day use area and additional athletic field at the campground. We believe the attached information will address your environmental concerns.



9401050309

cc
FERC DOCKETED
DEC 27 1993

Should you have any questions concerning our planned development or require further information please contact Steven Grega of my staff at (206) 748-9261.

Very truly yours,

(b) (6)

Gary H. Kalich
Manager

Enclosure

cc: PUD Commissioner
Steven Grega, PUD
Harvey Elwin, Bechtel
Paul Foster, PUD
Bob Moulton, Bonneville
Michael McCarty

December 21, 1993

COWLITZ FALLS RECREATION FACILITIES
DAY USE PARK/ATHLETIC FIELD
FERC Project # 2833

LIST OF ATTACHMENTS

(Reference FERC Letter Dated Sept. 13, 1993 for Requested Information)

Attachment

#1 Photographs

- 1. ~~Packwood Site~~
- 2. ~~Packwood Site~~
- 3. Campground Athletic Field Area
- 4. Campground Athletic Field Area

#2 Maps and Drawings

- Vicinity Map
- ~~Day Use Park - Packwood~~
- Campground - Athletic Field
- Restroom/Picnic Shelter

#3 Description of Facilities

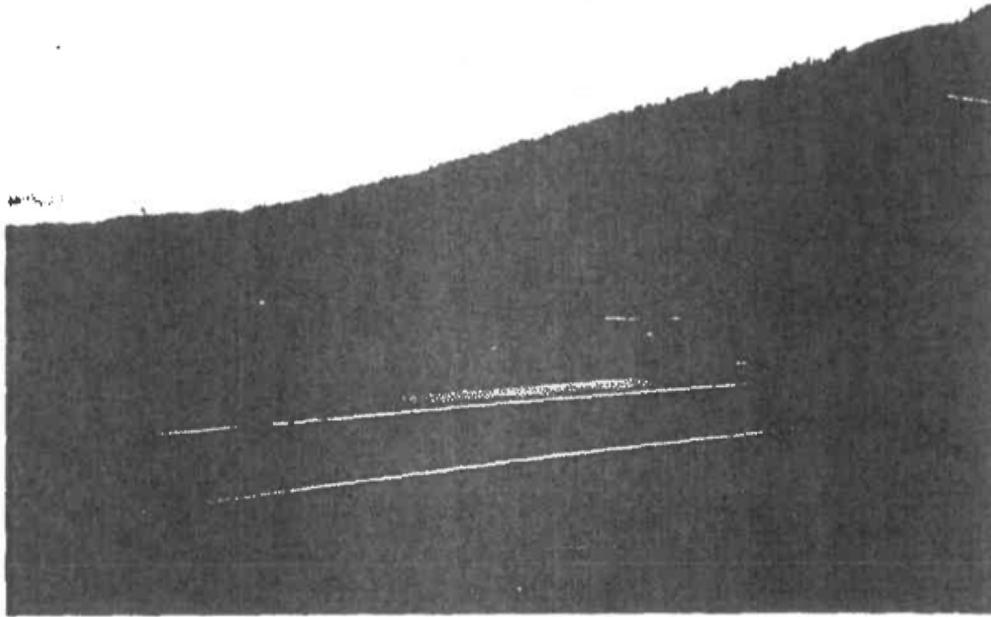
#4 Description of Site Conditions

#5 Comments from Agencies*

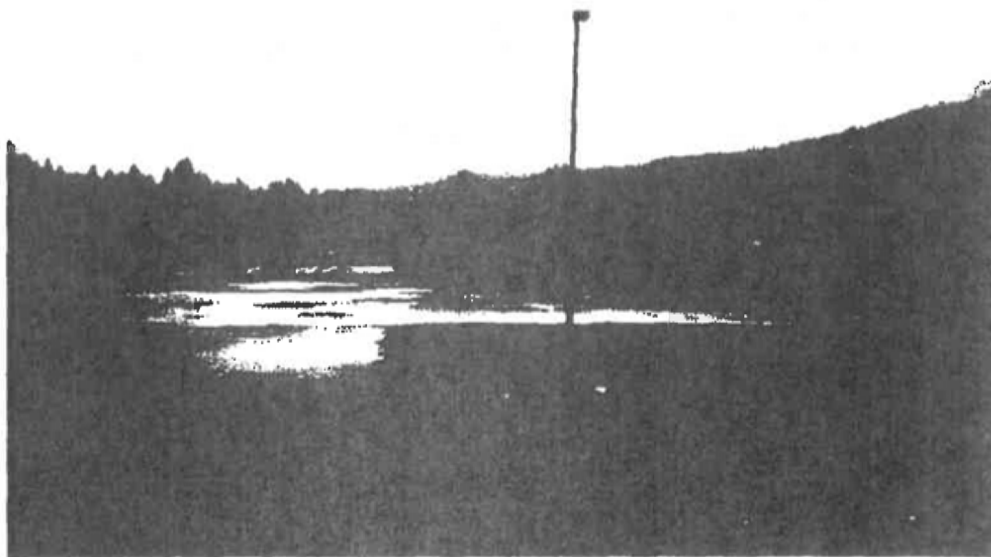
- Letter, District to SHPO, Dated October 28, 1993
- Letter, District to Dept. of Natural Resources, Dated September 28 1993
- Letter, District to Lewis County, Dated October 28, 1993
- Letter, SHPO to District, Dated, November 9, 1993
- Letter, Lewis County to District, Dated, November 1, 1993
- Memo, Steven Lyle, Bechtel to District, Dated, December 20, 1993

*Request contact agencies per telephone call to FERC.

COWLITZ FALLS RECREATION FACILITIES
Athletic Field Area
at Campground Near Randle

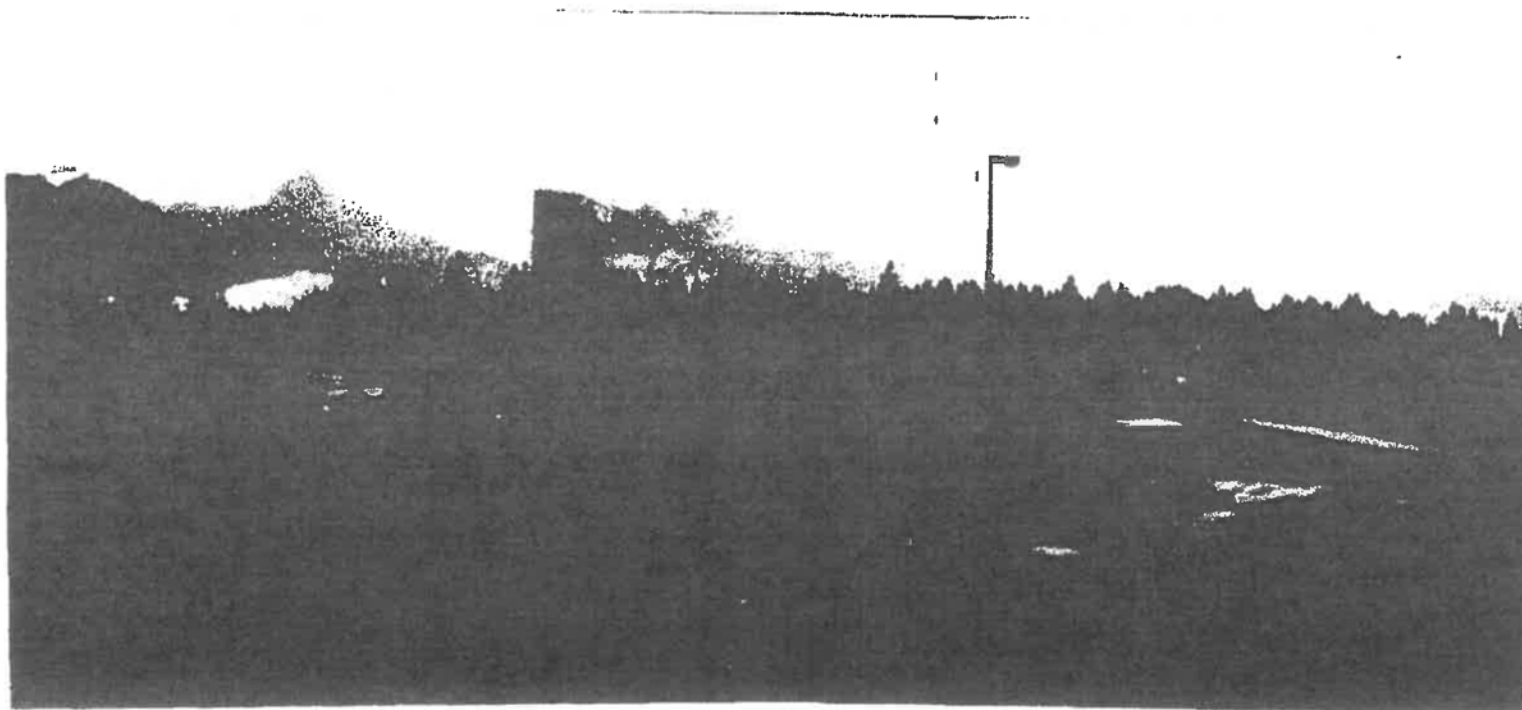


Looking Southeast from Entry Station



Looking East to Parking and Field Area

COWLITZ FALLS RECREATION FACILITIES
ATHLETIC FIELD AREA
AT CAMPGROUND NEAR RANDLE



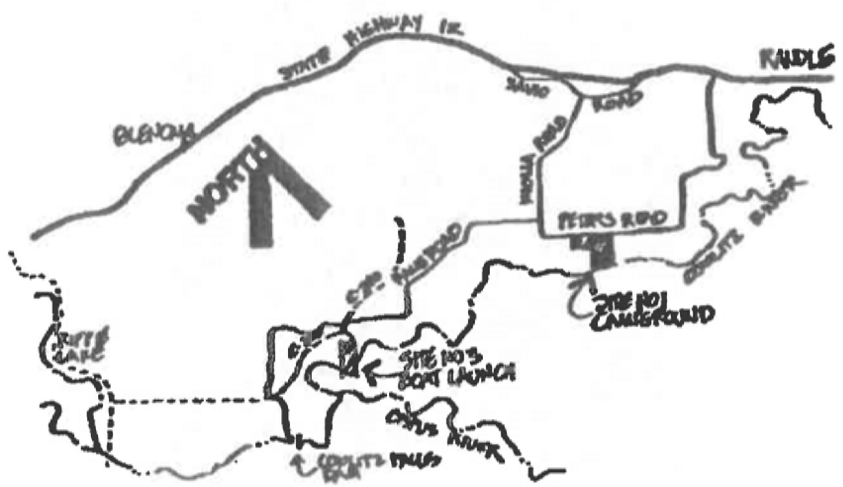
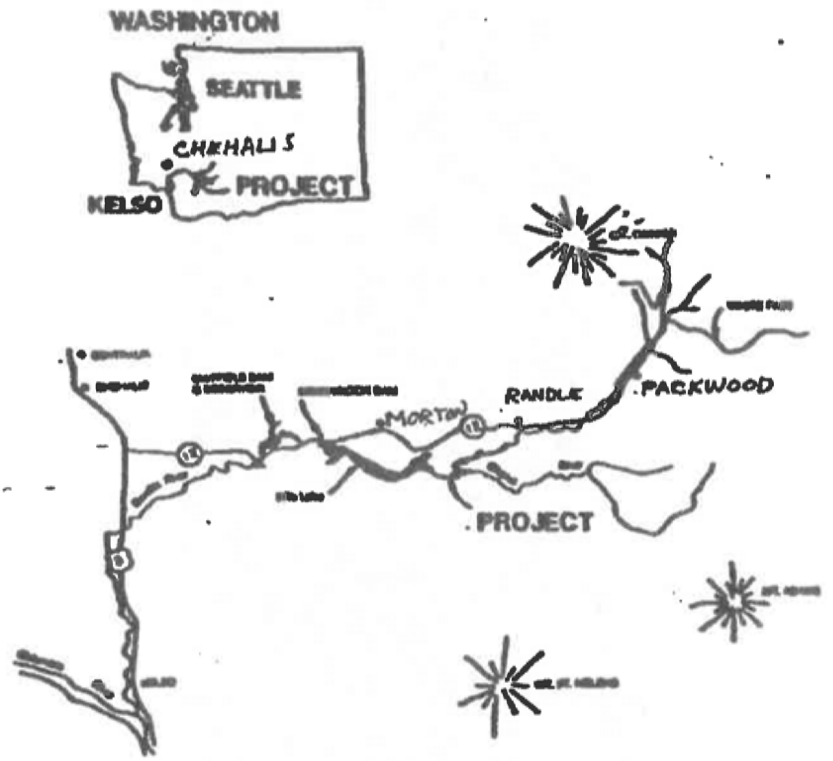
Entry Station

Looking North-Northeast
Near Dump Station

Pumphouse in Background

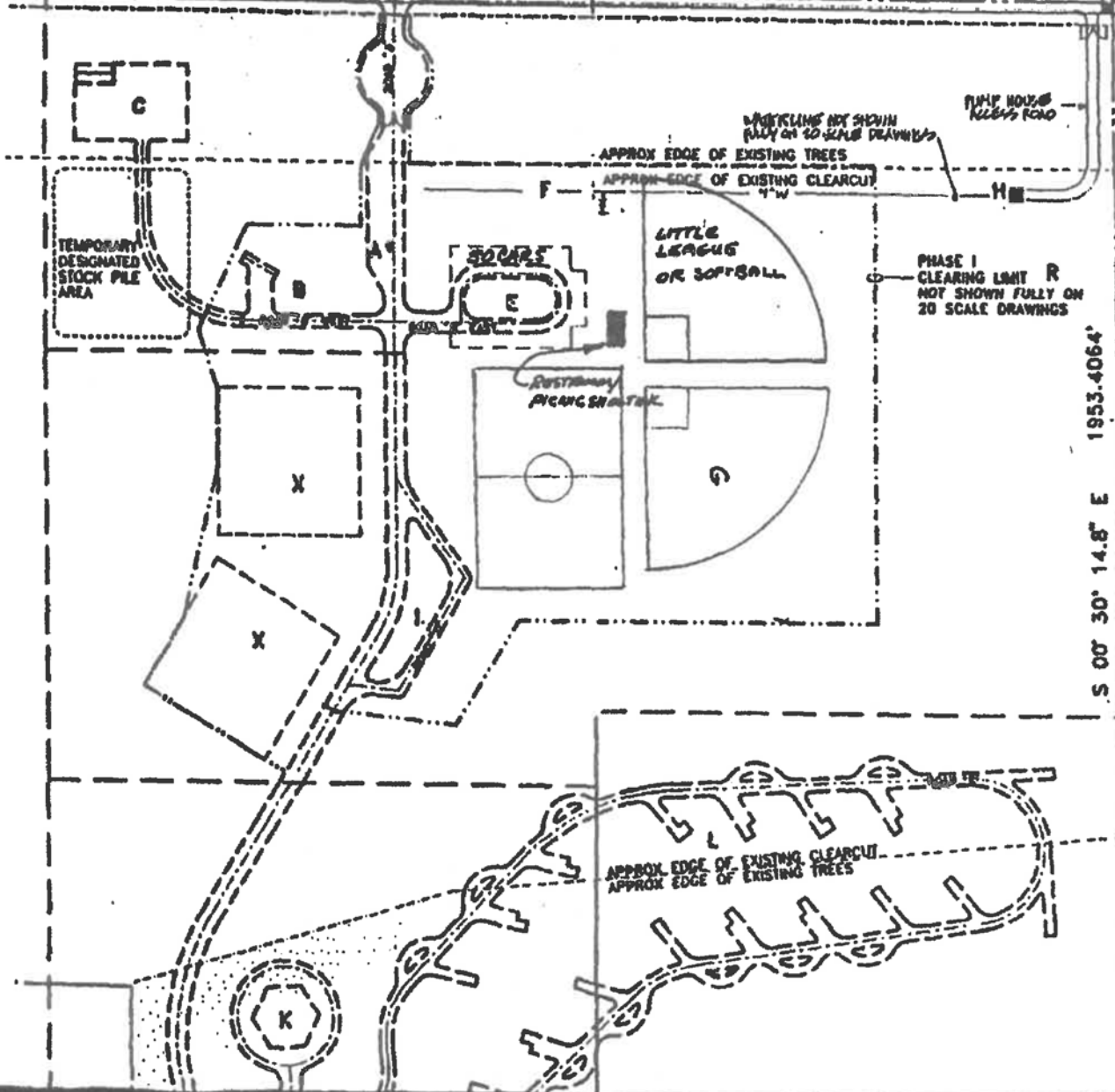
VICINITY MAP

Cowlitz Falls Hydroelectric Project
Lewis County PUD



S 89° 22' 30" E 2649.1699'

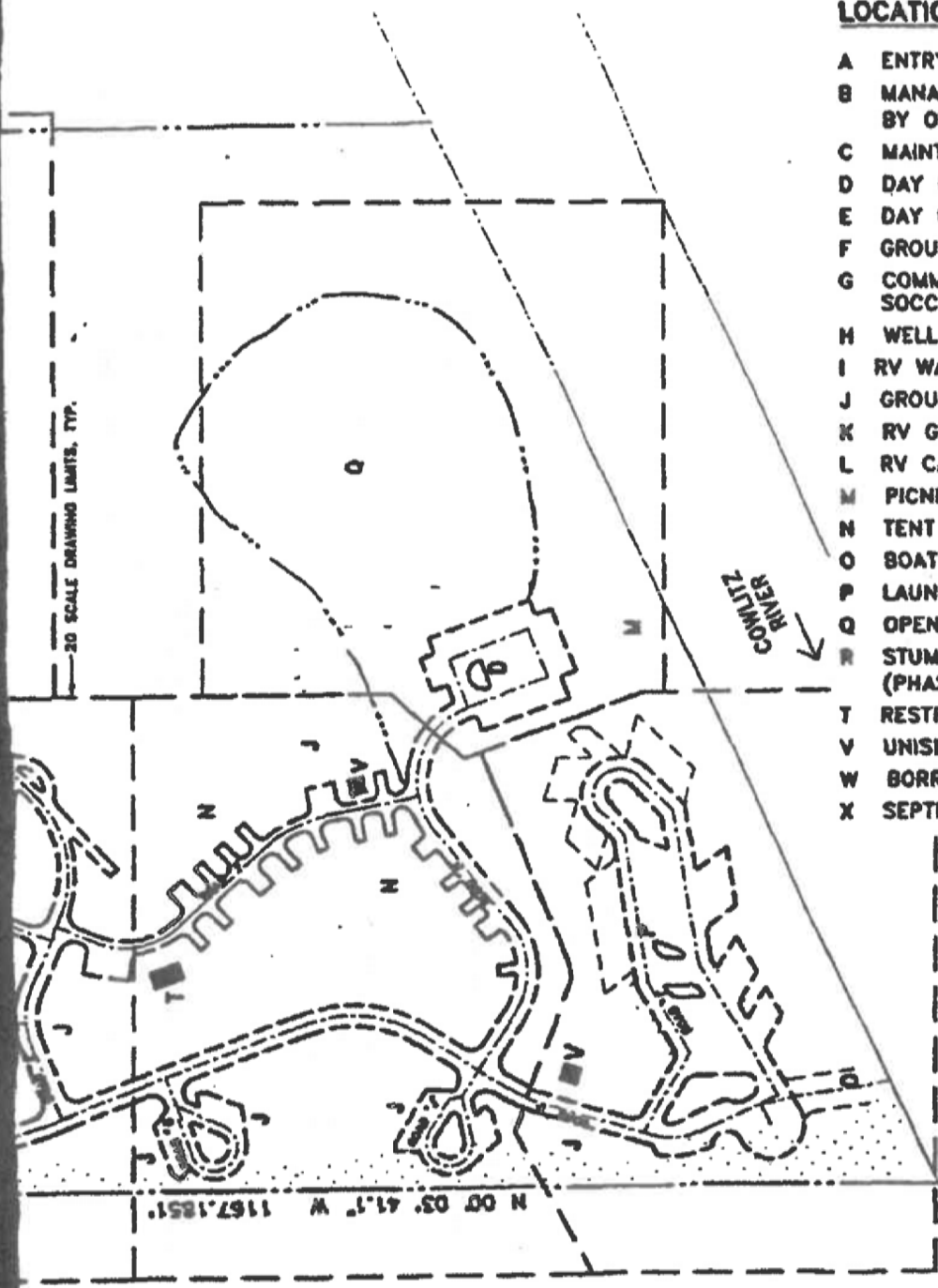
NE CORNER
26-12N-6E



20200510 5:07 PM PDF (Unofficial) 5/12/2020 2:09:22 PM

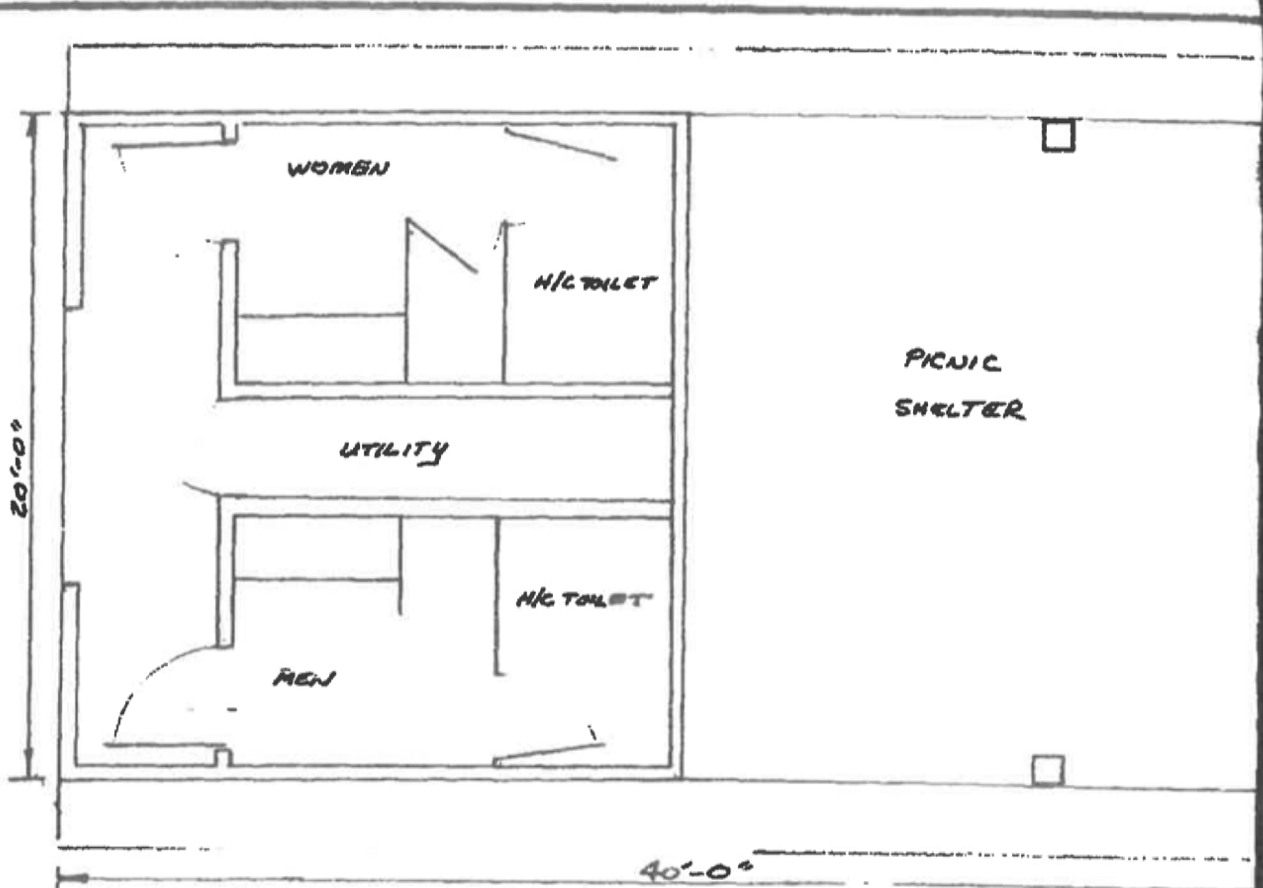
**LAND USE KEY FOR
LOCATION REFERENCE ONLY**

- A ENTRY STATION
- B MANAGER'S RESIDENCE (MOBILE HOME BY OWNER)
- C MAINTENANCE YARD (FUTURE)
- D DAY USE PARKING (40 CARS)
- E DAY USE PARKING (50 CARS)
- F GROUP PICNIC (10 SITES)
- G COMMUNITY SOFTBALL/YOUTH SOCCER, (FUTURE)
- H WELL SITE & PUMP HOUSE
- I RV WASTE DISPOSAL STATION
- J GROUP TENT CAMPING
- K RV GROUP CAMPING (6 SITES)
- L RV CAMPSITES (28 SITES)
- M PICNIC (20 SITES BY OWNER)
- N TENT CAMPING
- O BOAT LAUNCH RAMP (2 EACH)
- P LAUNCH PARKING
- Q OPEN CLEARING W/ INFORMAL PLAY,
- R STUMP & SLASH REMOVAL (PHASE 1 CONTRACTOR)
- T RESTROOM W/ SHOWERS
- V UNISEX RESTROOM
- W BORROW PIT
- X SEPTIC FIELD

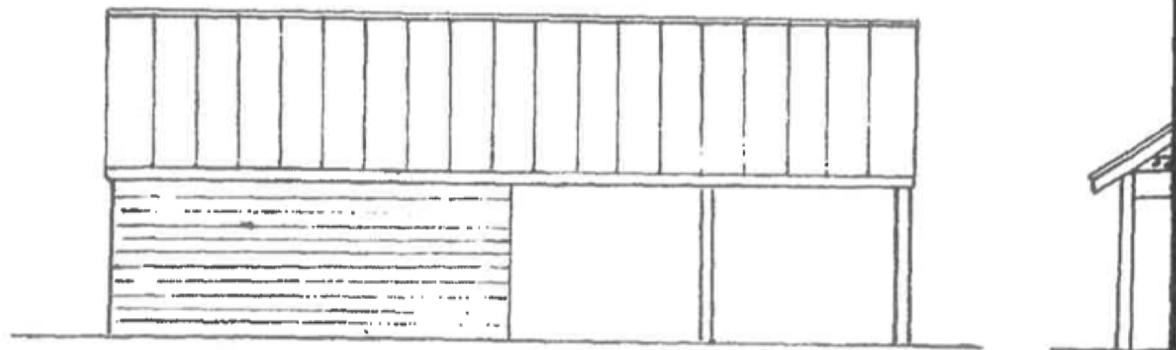


N 00° 03' 41.1" W 1167.1851'

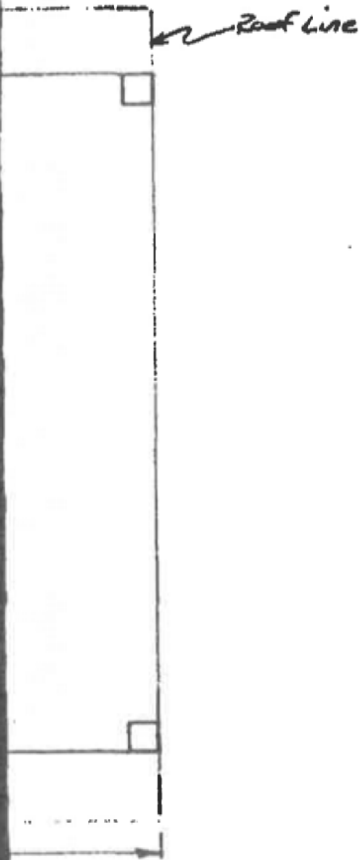
COWLITZ FALLS FERC #2833 CAMPGROUND ATHLETIC FIELD ADDITION CONCEPTUAL LAYOUT	PUB. NO. 1 OF LEWIS COUNTY	
	W.O. CF9105	DATE: 12-20-93
	J.O.	DRN BY:
	SCALE: 1"=200'	
	SEC 26 -T 12N -R 6E	
SHEET: 2 OF 3		



FLOOR PLAN
1" = 5'-0"



FRONT ELEVATION
1/8" = 1'-0"



SIDE ELEVATION

$\frac{1}{8}'' = 1'-0''$

COWLITZ FALLS #2833	
RESTROOM/PICNIC SHELTER	
CONCEPTUAL DESIGN	
PUD NO. 1 OF LEWIS COUNTY	
W.O. CF9105	DATE: 12-20-93
J.O.	DRN BY:
SCALE:	
SEC	-T -R
SHEET:	3 OF 3

Attachment #3
DESCRIPTION OF FACILITIES

Ballfield at the Campground (Randle)

The campground is located approximately three miles from the business area of the community of Randle on the Peters Road. The campground site is 110 acres in size with the majority of the development located in the timber area near the river. The area planned for the athletic field development is located in the clear cut area near the County Road. Presently, this area has been cleared of stumps and is scarified.

The proposed additions to the park would include the construction of a restroom/picnic shelter building, one field (softball or little league) with room for an additional soccer field and softball field. Day use parking for 50 cars would be provided. Currently some of the parking area has been constructed as part of the initial park development. Six picnic tables would also be placed in this location.

Day use facilities will be designed to consider the needs of the physically handicapped. Restrooms shall be wheelchair accessible with the appropriate walkways, doors and grab bars.

Day Use Park (Packwood)

~~The selected site is located immediately north of Packwood on the Cannon Road. This site was suggested for development by community groups. The property is large enough for the initial Exhibit "B" requirements and for the future development of three additional fields.~~

~~Initial construction would include a picnic shelter/restroom building, one multipurpose athletic field (softball, little league and soccer), parking area (80 cars) and six picnic units. Additional land would be held in reserve for community development of future athletic facilities. Again, in accordance with the American Disability Act, the day use park's restrooms and access will be designed to address the needs of the physically handicapped. Negotiations to purchase the site are proceeding.~~

ATTACHMENT #4
Description of Site Conditions

Cowlitz Falls Campground (Randle)

The campground is located approximately three miles west of the business area of Randle in a rural area of Lewis County. The campground site is bordered on the west by 5 to 10 acre rural residential lots, on the north by 10-year old reforested land, on the east by harvested forest land and agricultural lands and on the south by the Cowlitz River.

The campground is sited on a 110 acre parcel of former forest land. There is a 150 foot wide strip of 20 year old Douglas fir along the Falls Road (north boundary), 60 acres of recently harvested land (cut in 1988) and 40 acres of 25 year old Douglas fir in which most of the campground is located. The proposed athletic field would be located in the cleared area as indicated on the campground layout drawing.

The campground facilities are now nearing completion. As part of the campground work, parking for 50 cars has been constructed. The day use parking area will be utilized for ballfield users. The athletic field area has been scarified with stumps removed. The area is generally flat and would require only minor leveling of the ground to cover the use to a ballfield.

Day Use Park (Packwood)

~~The day use park site located just north of the Town of Packwood. The area is a mix of timberlands, rural residential and vacation lots. The site was logged in early 1988 and has been replanted with Douglas fir. The land is generally level but would require some machine work to remove stumps and minor relief. The creeks or streams are present on the site.~~

Vegetation

The Cowlitz Falls Campground and the ballfield site lies in an area of the Cowlitz Valley where the river is entrenched in glacial deposits and bedrock. The soils in this area are poorly developed and often drain rapidly. While the area receives abundant precipitation, dry summers and poor moisture retention in the soils result in some dry conditions during the summer. Thus, the most common vegetation in the project area is in the drier element of the Western Hemlock Zone, particularly Douglas fir.

The history of forest practices in the area is a major element in describing the current character of vegetation. The earliest clearcuts were burned following harvest and left to natural regeneration. The resulting vegetation is a mixed red alder-Douglas fir woodland. Both sites have gone through a second clearcut in 1988. In compliance with current forest practices, the sites have been replanted with Douglas fir. ~~Some shrubs and forbs are presently in the early stages of regeneration at the Packwood site.~~

Wildlife

The project area is a mosaic of forest, clearcuts, rural residential and agricultural patches. Forests are in various stages of vegetative succession. The different terrestrial and aquatic habitats satisfies the annual and seasonal habitat requirements of a diversity of wildlife species.

The black-tailed deer and Roosevelt elk are the two most economically important species in the Project area. Past forest management practices have created excellent habitat for these species. Most deer and elk spend the summer months in the mountains adjacent to the Project area and migrate to the lowlands surrounding the Cowlitz and Cispus Rivers during the fall in response to snow and weather conditions. In the spring deer and elk return to the highlands. Some individuals use the Project area year-round.

The Project area supports populations of fur-bearers. The beaver, mink, river otter and muskrat are commonly found along the Cowlitz River. Terrestrial fur-bearers found include the coyote, raccoon, black bear and bobcat. A variety of bird species are found in the Project vicinity including songbirds, raptors, waterfowl and shorebirds. Ruffled grouse and band-tailed pigeons are the most common game birds that utilize the forested areas.

The Cowlitz River appears to be a foraging area and flight pathway for wintering bald eagles that use Project area from January through March. No nesting activity has been observed on the Cowlitz River above the Cispus confluence.

Little if any additional disturbances to wildlife will be caused by the construction of the athletic fields at the Cowlitz Falls Campground ~~on the days~~ ~~use park near Packwood~~. Use of the athletic field is expected to be seasonal from May to September.

Historic or Cultural Resources

During the Cowlitz Falls development the District surveyed in 1980 the Project area for cultural resources. Six archeological sites were inventoried during the survey. Additionally, 14 historical sites and structures were located. None of the sites will be affected by the campground ballfield development. The Packwood site was not surveyed by the District, but the SHPO has informed the District that no sites have been recorded in the identified development area (see attached letter).

recsite

COMMISSIONERS
 JAMES H. HUBENTHAL, President
 JOHN L. KOSTICK, Vice Pres
 LEONARD M. ALLEN, Secretary

OFFICERS
 GARY H. KALICH, Manager
 RORY K. MILLER, Treasurer
 JAMES R. HASELWOOD, Auditor
 RONALD D. RAFF, Supt

Lewis County
PUBLIC UTILITY DISTRICT

321 N.W. PACIFIC AVE., CHEHALIS, WA • PHONE (206) 748-9261
 Mailing Address, P.O. Box 330 • Chehalis, Washington 98532
 FAX (206) 748-8051

October 28, 1993

Mr. Robert Whitlam
 Office of Archeology and Historic Preservation
 111 West Twenty-First Ave KL-11
 Olympia, WA 98504-5411

Subject: Cowlitz Falls Project #2833
 Recreational Facilities
 Exhibit "R" - Day Use Park

Dear Mr. Whitlam

The Federal Energy Regulatory Commission has requested that the District contact SHPO concerning the concept of locating ~~the ball field/day use park near Packwood on the Cannon Road~~ and constructing an athletic field as part of the Cowlitz Falls Campground along the Peters Road near Randle.

Our FERC project license requires that a day use park be constructed between Randle and Packwood with no specific location described. After several community meetings, ~~a day use park near Packwood and constructing~~ an athletic field at the Peters Road park was determined to best serve the needs of both communities. The District has received letters of support for this development concept from the Randle and Packwood communities.

To offset the increased cost of this development concept, community groups have agreed to participate (labor and equipment) in the construction of the parks. A staged development with room for expansion at each area is contemplated. We have enclosed conceptual drawings of the developments.

Presently the District is constructing the campground facilities with the area dedicated for an athletic field cleared and scarified. ~~Negotiations for the purchase of the Packwood site is proceeding.~~

During the Cowlitz Falls Project development and licensing the District conducted a cultural resources assessment for the Project. The surveyed area included the campground site. ~~The 20 acre park site near Packwood was not surveyed at that time.~~

We would appreciate receiving any comments on our development plan within 30 days. If you have any questions or wish to meet, please feel free to contact me.

Sincerely,

Steven J. Grega
 Project Engineer



Enclosure
 cc: Gary Kalich
 Paul Foster

COMMISSIONERS

JAMES H. HUBENTHAL, President
JOHN L. KOSTICK, Vice Pres
LEONARD M. ALLEN, Secretary

OFFICERS

GARY H. KALICH, Manager
RORY K. MILLER, Treasurer
JAMES R. HASELWOOD, Auditor
RONALD D. RAFF, Supt.

Lewis County
PUBLIC UTILITY DISTRICT

321 N.W. PACIFIC AVE., CHEHALIS, WA • PHONE: (206) 748-9261
Mailing Address: P.O. Box 330 • Chehalis, Washington 98532
FAX (206) 748-8051

September 28, 1993

Mr. John Baarspul
Assistant Regional Manager
Wn St Dept of Natural Resources
1405 Rush Road
Chehalis, WA 98532

Subject: Cowlitz Falls Project
FERC Project Number 2833
Day Use Park

Dear Mr. Baarspul:

~~As you know the District has been working with the DNR to acquire the land for a ball field/day use park near Packwood on the Cannon Road. Our FERC project license requires that a day use park be constructed between Randle and Packwood with no specific location described. After several community meetings, ~~day use park in Packwood and~~ constructing an athletic field at the Peters Road park was determined to best serve the need of both communities. The District has received letters of support for this development concept from the Randle and Packwood communities.~~

To off-set the increased cost of this development concept, community groups have agreed to participate (labor and equipment) in the construction of the parks. A staged development with room for expansion at each area is contemplated. We have enclosed conceptual drawings of the developments.

We would appreciate receiving any comments on our development plan within 30 days. If you have any questions or wish to meet, please feel free to contact me.

Sincerely,

(b) (6)

Steven J. Grega
Project Engineer



Enclosure
cc: Gary Kalich
Paul Foster

Rec 1

COMMISSIONERS
JAMES H. HUBENTHAL, President
JOHN L. KOSTICK, Vice Pres.
LEONARD M. ALLEN, Secretary

OFFICERS
GARY H. KALICH, Manager
RORY K. MILLER, Treasurer
JAMES R. HASELWOOD, Auditor
RONALD D. RAFF, Supt.

Lewis County PUBLIC UTILITY DISTRICT

321 N.W. PACIFIC AVE., CHEHALIS, WA • PHONE: (206) 748-9261
Mailing Address: P.O. Box 330 • Chehalis, Washington 98532
FAX (206) 748-8051

October 28, 1993

Mr. Dave Schilperoort, Director
Lewis County Community Services
P O Box 297
Chehalis WA 98532

Subject: Cowlitz Falls Recreational Facilities
FERC Project Number 2833
Day Use Park

Dear Dave:

The Federal Energy Regulatory Commission has requested that the PUD contact Lewis County concerning the concept of locating ~~the ball field/day use park near [redacted] on the Summit [redacted]~~ and constructing an athletic field as part of the Cowlitz Falls Campground along the Peters Road near Randle.

Our FERC project license requires that a day use park be constructed between Randle and Packwood with no specific location described. After several community meetings, ~~day use park in Packwood area~~ constructing an athletic field at the Peters Road park was determined to best serve the needs of both communities. The District has received letters of support for this development concept from the Randle and Packwood communities.

To offset the increased cost of this development concept, community groups have agreed to participate (labor and equipment) in the construction of the parks. A staged development with room for expansion at each area is contemplated. We have enclosed conceptual drawings of the developments.

We would appreciate receiving any comments on our development plan within 30 days. If you have any questions or wish to meet, please feel free to contact me.

Sincerely,

(b) (6)

Steven J. Greg
Project Engineer

Enclosure
cc: Gary Kalich
Paul Foster



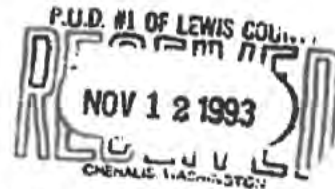


STATE OF WASHINGTON

DEPARTMENT OF COMMUNITY DEVELOPMENT

OFFICE OF ARCHAEOLOGY AND HISTORIC PRESERVATION

111 21st Avenue S.W. • P.O. Box 48343 • Olympia, Washington 98504-8343 • (206) 753-4011 • SCAN 234-4011



November 9, 1993

Mr. Steven J. Grega
Project Engineer
Lewis County Public
Utility District
321 Northwest Pacific Avenue
Chehalis, WA 98532

Log: 110493-22-FERC
Re: Cowlitz Falls Proj #2833
Rec Fac - Day Use Park

Dear Mr. Grega:

We have reviewed the materials forwarded to our office for the above referenced project. A search of our records, including the National and State Registers of Historic Places and the Washington State Archaeological and Historic Sites Inventories, indicates no resources included in or eligible for inclusion in the National Register of Historic Places have been recorded in the identified project area.

These comments are based on the information available at the time of this review. Should additional information become available, our assessment may be revised. In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity should be discontinued and this office notified.

Thank you for the opportunity to comment on this project. A copy of these comments should be included in subsequent environmental documents. If I can be of further assistance, I can be reached at (206) 753-4405.

Sincerely,

(b) (6)

Robert G. Whitlam, Ph.D.
State Archaeologist

RGW:aa

LEWIS COUNTY
DEPARTMENT OF COMMUNITY SERVICES

360 NW NORTH ST MS:CSD01, CHEHALIS WA 98532-1900

PHONE: (206) 748-9121 EXT. 134
FAX (206) 740-1475 • TDD (206) 740-1480

DAVID H. SCHILPEROORT, DIRECTOR

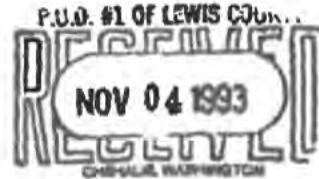
Xlat: ch
etc
Factor

DIVISIONS:
PARKS
RECREATION
SENIOR SERVICES
FAIRGROUNDS
ANIMAL SHELTER
PRINTING

CAROL M. HAMILTON, ADMIN. SECRETARY

November 1, 1993

Mr. Steven J. Grega
Project Engineer
Lewis County PUD
P. O. Box 330
Chehalis, WA 98532-0330



Dear Steve:

Thank you for keeping me informed regarding progress on the Cowlitz Falls recreation facilities. I had the opportunity, on October 29th, to personally observe the campground project and the site of the day-use park.

I concur with the PUD's desire to proceed with ballfields ~~at two different locations~~—Cowlitz Falls Park ~~and Parkwood~~. In my opinion, both recreational areas are needed. However, the question that remains unresolved, in my mind, deals with the ongoing maintenance of these areas. Will maintenance be the PUD's responsibility, or the responsibility of the community?

I firmly believe that this specific matter needs to be addressed before construction continues. I have seen, on many occasions, where the citizens of Lewis County have donated a great deal of equipment, labor, materials, etc. to construct a facility. However, the ongoing maintenance and insurance requirements are an entirely different situation. My recommendation is that both the daily and long term maintenance be the PUD's responsibility, and that the PUD provide liability insurance coverage on these areas. Without this type of commitment, from the PUD, you are basically assuring yourself of some ongoing problems.

Thank you again for the opportunity to comment.

Sincerely,

(b) (6)

Dave Schilperoort
Director

DS:ch

Document Content(s)

2020, May 11 FERC Letter Removal of Packwood Ballpark.PDF.....1-2

Cowlitz Falls Revised Recreation Plan 5 11 2020.PDF.....3-24

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

May 28, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Public Utility District No. 1 of Lewis County – Project No. 2833-115
Licensee's Response to Staff Correspondence dated April 28, 2020

Dear Secretary Bose:

This letter is in response to correspondence dated April 28, 2020, from Robert Fletcher, Chief, Land Resources Branch, Division of Hydropower Administration and Compliance ("Staff"). The Staff's letter directs Public Utility District No. 1 of Lewis County ("District") to provide certain information concerning a new boat ramp facility that the District intends to install below Cowlitz Falls Dam and within the Cowlitz Falls Project ("Project") licensed boundary.

Purpose and Need – The proposed boat ramp is needed to provide watercraft access to the Project tailrace area for maintenance activities and other purposes described below. Access to the tailwater area previously was available by launching craft at the downstream Riffe Lake boat launch (a feature of Tacoma Power's Cowlitz River Project No. 2016). However, Tacoma has drawn-down Riffe Lake by at least 30 feet as it works through dam safety issues at Mossyrock Dam, and the lake is expected to remain at the reduced elevation for an extended period (probably eight years or longer). The draw-down has created riverine conditions in the Cowlitz River for approximately three miles below Cowlitz Falls Dam. The riverine conditions make it impractical or impossible for watercraft to navigate from the Riffe Lake boat launch to the Cowlitz Falls tailwater area.

Intended Uses of Boat Ramp – The proposed boat ramp will be used solely to provide watercraft access to the Project tailwater area for District employees, contractors, and other authorized personnel. The ramp will be gated at the top and will not be for public recreational use. The purposes for which the ramp may be used include accessing the tailwater area by boat or other watercraft to perform activities related to Project operations and maintenance, including:

- access the tailrace for maintenance activities, including but not limited to dam safety repairs of the spillway apron, clearing the draft tube gate sill, and inspection and rock removal in the tailrace;
- access the tailrace to conduct USGS annual surveys;
- access the tailrace to perform studies required under the NMFS Biological Opinion dated June 2, 2009; and
- access the tailrace for emergency rescue operations.

Not a Recreational Facility – The new boat ramp will not be available to the public for recreational use. There are significant personal safety concerns for the public if they were to use the downstream ramp. There is a potential for rapid fluctuations of flow and turbulence that would cause unsafe conditions just downstream of the project. The spillway gates are normally controlled by the automated plant control system, and the gates can open at any time due to certain conditions that may arise. The plant is not always manned, so quick reactions by the operator to intervene may not be possible.

No Adverse Impact on Existing Fishing Access – Apart from temporary construction-related disturbances, the new boat ramp will not have an adverse impact of the Project's downstream shoreline fishing access. The new boat ramp will be located at the existing fishing access site, but the ramp will not interfere with fishing access or activities. The fishing access parking lot will remain essentially the same as it currently exists. (There will be some regrading and expansion of the existing parking area, but the location will remain the same and parking capacity will not be reduced.)

Permitting and Construction Schedule – The downstream boat ramp design is complete. The District intends to seek necessary permits from state and local agencies, and will observe all specific and general conditions applicable to U.S. Army Corps of Engineers Nationwide Permit No. 36 (Boat Ramps). The permitting process will likely take 1-3 years. Construction will be performed after permits are obtained.

District Position on Non-necessity of License Amendment – The District believes that installation of the new downstream boat ramp does not constitute a "substantial change" or "substantial alteration" to existing Project works within the meaning of standard license Articles 2 and 3, and therefore does not require a formal amendment of the Project license. Article 3 allows "Minor changes in project works, or in uses of project lands and waters, . . . if such changes will not result in a decrease in efficiency, in a material increase in cost, in an adverse environmental impact, or in an impairment of the general scheme of development."

As noted earlier, the purpose of the ramp is to provide a proximate point of watercraft access to the Project tailwater area for purposes of project management and maintenance. There will be no recreational use of the ramp, and thus no need to modify the Project's Recreation Plan.

The District would appreciate the Commission's concurrence that a license amendment is not necessary prior to construction so that state and local permitting activity can proceed. If the Commission so requires, the District will file a revised as-built Project drawing upon completion of construction depicting the location of the new ramp.

Sincerely,

(b) (6)

Joseph M. First
Generation Manager

cc: Debbie Carlson, BPA

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

May 28, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Cowlitz Falls Project – FERC No. P-2833
Public Utility District No. 1 of Lewis County, WA
Request for Extension of Time to File the Copper Canyon Creek Take-out Site Monitoring Report

Dear Secretary Bose:

Pursuant to Rule 2008(a) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.2008(a), Public Utility District No. 1 of Lewis County, Washington (District) requests a 30-day extension of time to comply with ordering Paragraph (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-out Site Plan, 167 FERC ¶ 62,074. The requested extension will allow the District adequate time to include comments and recommendations from agencies and members of the whitewater boating community into the draft Copper Canyon Creek Take-out Site Monitoring Report.

The Commission's April 30 Order required the District to submit the first Copper Canyon Creek Take-out Site Monitoring Report on April 1, 2020. The District requests additional time to include the agencies and whitewater boating community to comments into the report.

For the foregoing reasons, the District respectfully requests an extension of time to July 1, 2020, to submit the report in compliance with ordering Paragraphs (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-out Site Plan.

Sincerely,

(b) (6)

Joseph M. First
Generation Manager
Lewis County Public Utility District
Cowlitz Falls Hydroelectric Project

cc: Debbie Carlson, BPA

BJD

Lewis County
PUBLIC UTILITY DISTRICT

Cowlitz Falls Project

1379 FALLS ROAD • RANDLE, WA 98377 • P.O. BOX 1387, MORTON, WA 98356
(360) 497-5351 • FAX (360) 497-5352 • www.lcpud.org

May 28, 2020

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Mail Code PJ-12.3
Washington, DC 20426

RE: Cowlitz Falls Project – FERC No. P-2833
Public Utility District No. 1 of Lewis County, WA
Request for Extension of Time to File the Copper Canyon Creek Take-out Site Monitoring Report

Dear Secretary Bose:

Pursuant to Rule 2008(a) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.2008(a), Public Utility District No. 1 of Lewis County, Washington (District) requests a 30-day extension of time to comply with ordering Paragraph (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-out Site Plan, 167 FERC ¶ 62,074. The requested extension will allow the District adequate time to include comments and recommendations from agencies and members of the whitewater boating community into the draft Copper Canyon Creek Take-out Site Monitoring Report.

The Commission's April 30 Order required the District to submit the first Copper Canyon Creek Take-out Site Monitoring Report on April 1, 2020. The District requests additional time to include the agencies and whitewater boating community to comments into the report.

For the foregoing reasons, the District respectfully requests an extension of time to July 1, 2020, to submit the report in compliance with ordering Paragraphs (E) of the Commission's April 30, 2019 Order Amending Whitewater Boating Take-out Site Plan.

Sincerely,

(b) (6)

Joseph M. First
Generation Manager
Lewis County Public Utility District
Cowlitz Falls Hydroelectric Project

cc: Debbie Carlson, BPA

From: Carlson,Debbie (BPA) - PGAC-RICHLAND

Sent: Mon Aug 17 17:40:35 2020

To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND

Subject: discussion with Joe today (8/17)

Importance: Normal

During our touch base if you mention: Exhibit F; labor costs I will tell you what I did ---

Joe called to talk about the budget. But before he started those items he mentioned the SCADA system. They had been scheduled to have all the wiring done by Friday – looks like they might make it by Wednesday! System Interface is at the Dam this week and next week to help get the system up and running. Expect to “hit commissioning hard” next week and continuing on into September. Work on some smaller Dam safety projects is continuing (e.g. concrete work being done on the “wings” along the south side of the Dam).

He also mentioned there would be a site inspection on August 24 of the land where the temporary offices will be. I asked about sewer and he said there is enough room at the location of the current drain site but a pipe would have to be installed (the drain field is on top of the hill a bit west and north of the rock wall.

doing this work may perform the duty without a license if the person is taking the class to ultimately get a license. They are still looking into this aspect. Washington Department of Ecology runs the program.

- D-Loop Electrical Design & Feed Replacements – This \$30K project will be deferred.
- Drainage Pump - this \$20K project will be deferred; the project has two pumps plus a 3rd emergency pump so Joe feels the four pump (a spare) can be deferred
- NHA Membership - \$21K – “axed”
- Radio / Pager System Improvements – I did not hear him specifically say a reduction; there will be an inspection made of the site (on Peterman Hill – just outside of Morton as you drive west – by a 3rd party – could need batteries; solar panels; important to make certain operators can be reached
- Recreation Assessment - \$75K project will be deferred
- Transmission Line Corridor Planting – to be reduced from \$40K to ~\$10K; they intend to do just a small section
- Concrete Scanner- \$25K investment “axed”; more research is needed
- Mitigation Land – this \$75K project will not be in this year’s budget; however, Joe mentioned it would be “reategorized” and become part of a Derby Site effort
- Mobile Diesel Generator & Log Bronc Cover – this \$25K

project will be deferred

- RT Fork Lift – relooking; apparently Michelle did some calling around and got some quotes
- South Well Pump – only a \$3K project but it will be deferred
- Spillway Gate Finite Element Analysis – the \$75K project will be deferred; this is a part of the Part 12 inspection and they have a few more years before it “must” be completed

ORIGINAL

Renee C Paradis
PO Box 657
Carlsborg, WA 98324

27 October 2020

2020 NOV 2 12:17

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First St NE
Washington DC 20426

Re: Cowlitz Falls Hydroelectric Project P-2833-116 WA
Supplemental information supporting cause for full compliance with the license

Dear Secretary Bose:

Using photos provided by Lewis County PUD, the licensee, for the dates 12 June – 29 July 2020 (forty eight days), I counted more than 490 (four hundred ninety) vehicles that visited and/or used the Copper Canyon Facility. Every single day within this date range, the Facility was used by no fewer than two vehicles. It was not uncommon for the Facility to serve 10, 15, 20 vehicles per day. Twice, it served 30 vehicles per day.

The FERC approved parking for oversized vehicles needs to be restored. The lack of parking results in congestion making the loop road, at times, impassable and potentially unsafe.

Thank you in advance for your consideration of this matter.

Respectfully,

(b) (6)

Renee C. Paradis

Document Content(s)

15652911.TIF.....1

Renee C Paradis

(b) (6)

Carlsborg, WA 98324

27 October 2020

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First St NE
Washington DC 20426

Re: Cowlitz Falls Hydroelectric Project P-2833-116 WA
Supplemental information supporting cause for full compliance with the license

Dear Secretary Bose:

Using photos provided by Lewis County PUD, the licensee, for the dates 12 June – 29 July 2020 (forty eight days), I counted more than 490 (four hundred ninety) vehicles that visited and/or used the Copper Canyon Facility. Every single day within this date range, the Facility was used by no fewer than two vehicles. It was not uncommon for the Facility to serve 10, 15, 20 vehicles per day. Twice, it served 30 vehicles per day.

The FERC approved parking for oversized vehicles needs to be restored. The lack of parking results in congestion making the loop road, at times, impassable and potentially unsafe.

Thank you in advance for your consideration of this matter.

Respectfully,

Renee C. Paradis

Document Content(s)

2020_10_26_ferc_ltr_re_traffic_counts.PDF1

From: [Carlson,Debbie \(BPA\) - PGAC-RICHLAND](#)
To: [Manary,David \(BPA\) - LG-7](#); [Sonoda,Cherie D \(BPA\) - PGAC-RICHLAND](#); [Blecker,Stephanie F \(BPA\) - LG-7](#)
Subject: RE: [EXTERNAL] FERC Filing
Date: Monday, October 19, 2020 9:47:55 AM

I think its removal was just an "easy" thing to do --- they can always tell the rafter/kayakers BPA was looking for reductions so it was let go. They tend not to tell folks it was their idea.

From: Manary,David (BPA) - LG-7 <dbmanary@bpa.gov>
Sent: Monday, October 19, 2020 9:33 AM
To: Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>; Sonoda,Cherie D (BPA) - PGAC-RICHLAND <csonoda@bpa.gov>; Blecker,Stephanie F (BPA) - LG-7 <sfblecker@bpa.gov>
Subject: RE: [EXTERNAL] FERC Filing

Did Lewis say why they removed it? Was it just to get the budget number lower as part of our negotiations?

From: Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>
Sent: Saturday, October 17, 2020 9:12 AM
To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND <csonoda@bpa.gov>; Manary,David (BPA) - LG-7 <dbmanary@bpa.gov>; Blecker,Stephanie F (BPA) - LG-7 <sfblecker@bpa.gov>
Subject: FW: [EXTERNAL] FERC Filing

Michael Deckert sent a letter to FERC concerning the parking area at Copper Creek. As you know the was in the CFP FY 2021 Budget and Lewis removed it. I have seen drawing (although maybe not done officially by an engineering company) for a parking area so I know this activity could be completed so I have trouble understanding why Lewis appears to hold up the process (understand **this is MY perception**). In any case should Lewis decide to just go ahead and construct the parking area there is funds available (in the reserves) to complete this work. It would certainly appear Lewis would be anxious to do the work and thus contribute to meet the needs of rafter/kayakers. This effort is a part of the License!

From: ourfamily <[\(b\) \(6\)](#)>
Sent: Thursday, October 15, 2020 8:40 AM
To: Joe First <joef@lcpud.org>; Rebecca Post <[\(b\) \(6\)](#)>; John Stormon <[\(b\) \(6\)](#)>; Michael Aquilino <[\(b\) \(6\)](#)>; Thomas O'Keefe

<(b) (6)>; Susan Rosebrough (susan_rosebrough@nps.gov)
<susan_rosebrough@nps.gov>; Peggy Miller <Peggy.Miller@dfw.wa.gov>; Paul Butler
(b) (6); M <(b) (6)>; Bob Metzger <(b) (6)>;
President <(b) (6)>; Greg Provenzano
<(b) (6)>; Chris Wittenfield <(b) (6)>; Carlson,Debbie
(BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>; Renee C Paradis <(b) (6)>; P Kelleher
(b) (6); Laura Wolfe <lauraw@lcpud.org>; ed Rothlin <edr@lcpud.org>; Ben
Kostick <benk@lcpud.org>; Chris Roden <chrisr@lcpud.org>; Tim Cournyer <timc@lcpud.org>
Subject: [EXTERNAL] FERC Filing

Hi All,
Attached please find my filing with FERC.
Thanks,
Michael

From: Carlson,Debbie (BPA) - PGAC-RICHLAND

Sent: Sat Oct 17 09:11:45 2020

To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Manary,David (BPA) - LG-7; Blecker,Stephanie F (BPA) - LG-7

Subject: FW: [EXTERNAL] FERC Filing

Importance: Normal

Attachments: 2020_10_15.pdf

Michael Deckert sent a letter to FERC concerning the parking area at Copper Creek. As you know the was in the CFP FY 2021 Budget and Lewis removed it. I have seen drawing (although maybe not done officially by an engineering company) for a parking area so I know this activity could be completed so I have trouble understanding why Lewis appears to hold up the process (understand this is MY perception). In any case should Lewis decide to just go ahead and construct the parking area there is funds available (in the reserves) to complete this work. It would certainly appear Lewis would be anxious to do the work and thus contribute to meet the needs of rafter/kayakers. This effort is a part of the License!

From: ourfamily (b) (6)

Sent: Thursday, October 15, 2020 8:40 AM

To: Joe First <joef@lcpud.org>; Rebecca Post (b) (6)>; John Stormon (b) (6)>; Michael Aquilino (b) (6)>; Thomas O'Keefe (b) (6)>; Susan Rosebrough (susan_rosebrough@nps.gov) <susan_rosebrough@nps.gov>; Peggy Miller <Peggy.Miller@dfw.wa.gov>; Paul Butler (b) (6)>; M (b) (6)>; Bob Metzger (b) (6)>; President (b) (6)>; Greg Provenzano (b) (6)>; Chris Wittenfield (b) (6)>; Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>; Renee C Paradis (b) (6)>; P Kelleher <(b) (6)>; Laura Wolfe <lauraw@lcpud.org>; ed Rothlin <edr@lcpud.org>; Ben Kostick <benk@lcpud.org>; Chris Roden <chrisr@lcpud.org>; Tim Cournyer <timc@lcpud.org>

Subject: [EXTERNAL] FERC Filing

Hi All,

Attached please find my filing with FERC.

Thanks,

Michael

Michael Deckert

(b) (6)

10/15/2020
Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

RE: Cowlitz Falls Hydroelectric Project P-2833-116 WA
Supplemental Status Update: Oversized Vehicle Parking continued lack of maintenance and failure to comply with license.

Dear Secretary Bose,

Lewis County Public Utility District continues to be out of compliance with FERC Order Modifying And Approving Plan For Whitewater Boating Take-Out Site (Issued June 22, 2006) paragraph (A) "The proposed whitewater boating take-out site plan filed on May 31, 2005, and supplemented on June 8, 2006, for the Cowlitz Falls Project, as modified by paragraphs (B), (C), and (D) is approved."

The District's proposal included a parking area for oversized vehicles within the project's boundary.

The District documented the construction of the parking for oversized vehicles in their March 30, 2007 report to the Commission.

The poor condition of the parking for oversized vehicles has been repeatedly brought to the District's attention. On May 6, 2018 I wrote in my comments "The parking area on the upper bench within the project boundary was eliminated by logging activity and not restored or maintained following the activity."

It has been **over two years since the District was notified** of the poor condition of the parking. As of October 3, 2020, the District has neither addressed my comments, or corrected the deficiency. The parking area for oversized vehicles remains unusable.

The PUD continues to delay coming into compliance with their approved license. It is time for FERC to take the regulatory steps to bring the PUD into compliance.

Please contact me with any questions,
Michael Deckert