

From: Carlson,Debbie (BPA) - PGAC-RICHLAND
Sent: Fri Jul 29 01:19:38 2022
To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Smith,Glen A (BPA) - PG-5
Cc: Manary,David (BPA) - LG-7; Todd,Wayne A (BPA) - PGA-6
Subject: updated to OY 2023 CFP DRAFT Budget items
Importance: Normal
Attachments: image001.gif; 2023 - 2029 DRAFT 07.26.2022.xlsx

I added just a bit of additional information (changes are in red). Cherie, this document is saved at:

W:\Staff Folders -- by name\Debbie\Cowlitz Falls Project\General items\Budgets\OY 2023

Account	Account Description	Actual														Total Actual	Total Budget	Total Variance	
		10/31/2020	11/30/2020	12/31/2020	1/31/2021	2/29/2021	3/31/2021	4/30/2021	5/31/2021	6/30/2021	7/31/2021	8/31/2021	9/30/2021	10/31/2021	11/30/2021				12/31/2021
Project Reimbursement / Revenue																			
Project Reimbursement																			
REV																			
2-00-456-200	CF - BPA O&M ADVANCES	(398,510)	(398,510)	(463,508)	(420,176)	(420,176)	(420,176)	(971,664)	(498,960)	(498,960)	(498,960)	(498,960)	(498,960)	(498,960)	(498,960)	(498,960)	(7,484,400)	(7,702,540)	(218,140)
Project Revenue																			
REV																			
2-00-417-000	CF - CAMPGROUND RENTAL INCOME	(1,686)	(3,613)	(3,896)	(7,893)	(6,314)	(11,843)	(12,727)	(17,395)	(16,923)	(18,926)	(12,789)	(366)				(114,371)	(125,000)	(10,629)
2-00-417-010	CF - CAMPGROUND REVENUES SUBJECT TO SALES TAX									(1,805)	(2,576)		(1,858)				(6,239)		6,239
2-00-417-100	CF - CAMPGROUND MERCHANT SERVICE FEES	21	70	95	77	363	199	1,029	1,929	1,466	2,039	1,407	926				9,620	0	(9,620)
2-00-419-000	CF - INTEREST INCOME	(313)	(283)	(324)	(317)	(290)	(323)	(305)	(338)	(335)	(350)	(348)	(337)	(350)	(338)	(135)	(4,686)	(5,000)	(314)
2-00-456-300	CF - MISC REVENUES				(4,514)												(4,514)	0	4,514
2-00-108-400	CF - SALES OF VEHICLES									(3,850)							(3,850)	0	3,850
Project Reimbursement / Revenue Total		(400,488)	(402,336)	(467,633)	(432,823)	(426,418)	(432,143)	(983,668)	(514,765)	(520,407)	(518,773)	(510,690)	(500,595)	(499,310)	(499,298)	(499,095)	(7,608,441)	(7,832,540)	(224,099)
Admin & General																			
General																			
Special O&M																			
2-00-184-012	CF - EQUIP - TRANSPORTATION EXP		1,002	1,766		1,599	992	928	660	4,406	162	2,285	1,536	4,817	5,125	(241)	25,036	35,000	9,964
2-08-921-000	CF - OFFICE SUPPLIES AND EXPENSES	28	548	2,520		262	363	821	1,206	1,630	6,593	1,255	142	872	1,290	488	18,013	19,400	1,387
2-08-921-000	CF - A&G EXHIBIT F																443,018	441,018	500,000
2-08-923-000	CF - PROFESSIONAL SERVICES	824	6,935	41,106	824	15,154	3,330	25,974	12,513	28,067	10,997	4,553	38,499	10,976	11,495	27,211	238,456	336,100	97,644
2-08-924-000	CF - PROPERTY INSURANCE			25,811	20,765			170,534	1,679	1,768	17,025	4,226					17,598	259,406	252,600
2-08-928-000	CF - FERC PERMIT							16,396		40,341							17,735	169,816	153,450
2-09-539-002	SPCF - MISC. EXPENSES NON LABOR	0	0	0	495	0	0	792	0	869	0	306	570	0	802	1,698	5,512	10,800	5,268
2-09-542-002	SPCF - STRUCTURES NON LABOR			378		233			147				1,502	214		118	2,593	1,600	(993)
Training																			
Special O&M																			
2-00-925-102	CF - HEALTH, WELFARE, SAFETY - NON LABOR								992								7,618	8,610	16,000
2-00-921-002	SPCF - TRAVEL & TRAINING	75		18,889	36	3,548	14,908	18,321	4,002	13,848	2,044	4,876	871	4,800	6,532	2,396	95,145	76,000	(19,145)
Admin & General Total		927	8,479	90,471	22,120	20,797	35,989	217,370	59,861	50,500	21,564	125,643	47,345	21,679	25,244	517,638	1,265,626	1,400,950	135,324
Labor																			
Wage, Benefits, & Taxes																			
O&M																			
2-00-408-500	CF - TAXES - EMPLOYER (FICA, MEDICARE, OASI)	4,164	6,528	6,506	6,512	6,270	6,544	9,806	7,340	7,228	7,809	8,370	7,802	11,681	8,220	8,569	111,349	112,500	(849)
Special O&M																			
2-00-242-200	CF - MISC LIABILITY EMPLOYEE VAC																0	18,750	18,750
2-00-926-000	CF - EMPLOYEE PENSION AND BENEFITS					180											180	6,300	6,120
2-00-926-100	CF - RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	1,578		977	1,104	774	808	1,363	283	1,700	1,113	(63)	1,355	1,616	652	994	14,254	25,000	10,746
2-00-926-110	CF - ACTIVE EMP MED INS - PREMIUMS & CLAIMS	19,671	3,615	50,351	22,240	15,997	45,771	25,827	44,943	51,183	11,807	5,653	22,418	12,585	17,551	29,405	379,016	481,500	102,484
2-00-926-140	FLU SHOT CLINICS			112													112	500	388
2-00-926-200	CF - PERS - EMPLOYER	5,386	10,430	10,048	10,255	10,088	10,644	16,365	11,792	11,652	10,492	10,463	9,811	14,923	10,737	12,162	165,247	151,400	(13,847)
2-00-926-300	CF - TERM INSURANCE - EMPLOYER	84		151	76	76	84	84		168	92		92	101	110	1,209	5,100	5,100	3,891
2-00-926-310	CF - LONG TERM DISABILITY INSURANCE - EMPLOYER	224		399	199	199	222	222		443	236		250	339	314	340	3,388	0	(3,388)
2-00-926-400	CF - W-C1 & W-C6 - EMPLOYER (INDUSTRIAL INS)			2,637				2,764		4,842							5,262	20,691	17,800
2-00-926-500	CF - WASHINGTON PAID FAMILY MEDICAL LEAVE	85	123	105	129	124	128	194	145	143	155	165	176	230	153	159	2,215	2,400	185
2-00-926-600	CF - VEBA CASHOUT	2,095											14,747				16,842	6,300	(10,542)
2-00-926-700	CF - SHORT TERM DISABILITY (EMPLOYER)	2,436	4,141	4,628	4,385	4,628	3,410							1,834			25,463	2,500	(22,963)
2-00-926-710	CF - SICK LEAVE BANK	1,740	44														1,784	0	(1,784)
2-00-926-800	CF - VEBA EMPLOYER CONTRIBUTIONS	415	825	775	790	778	821	1,262	909	898	908	977	1,105	1,456	1,048	1,186	14,153	14,100	(53)
2-00-926-999	CF SALARIES	82,021	82,361	78,863	83,343	78,101	81,392	133,188	99,310	102,210	111,923	102,889	103,738	153,587	128,095	117,763	1,538,785	1,645,200	106,415
2-00-926-999	ES SALARIES	67,220	44,265	50,631	48,170	52,952	59,829	87,050	56,658	53,326	52,091	51,988	52,141	77,173	47,571	40,057	841,122	1,010,200	169,078
Labor Total		187,119	152,332	206,183	177,204	170,166	209,653	278,126	221,380	233,794	196,625	182,276	213,636	278,943	214,441	215,932	3,137,810	3,499,550	361,740

Account	Account Description	Actual															Total Actual	Total Budget	Total Variance																	
		10/31/2020	11/30/2020	12/31/2020	1/31/2021	2/29/2021	3/31/2021	4/30/2021	5/31/2021	6/30/2021	7/31/2021	8/31/2021	9/30/2021	10/31/2021	11/30/2021	12/31/2021																				
Operating Expenses																																				
Fish & Wildlife																																				
O&M																																				
2-08-537-010	CF - CFP FISH & WILDLIFE		15	735	(634)	0	2,268		364	1,505	208	31,752	4,864	6,374	7,940	31,614	87,004	138,600	51,596																	
General																																				
O&M																																				
2-08-537-060	CF - ENDANGERED SPECIES ACT REQUIREMENTS							57									57	10,000	9,943																	
2-08-539-000	CF - MISC EXPENSES	2,232	62,796	30,853		3,712	5,753	5,276	8,767	11,621	22,449	36,144	8,560	23,204	19,301	97,416	338,086	270,000	(68,086)																	
2-08-544-000	CF - MAINT OF ELECTRIC PLANT - HYDRAULIC	10,354	1,265	10,921		20,462	5,104	1,047	809	6,408	889	3,036	7,559	37,526	63,709	13,357	177,446	182,800	5,354																	
2-08-545-000	CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA	802	3,199	71,730	115	20,919	7,670	18,509	6,938	17,744	1,140	2,811	3,907	17,856	7,921	9,326	190,587	420,350	229,763																	
Operating Expenses																																				
O&M																																				
2-08-535-002	CF - OPERATION, SUPERVSN, ENG. - HYDR (NON LABOR)							2,551					11,713	3,503			17,766	13,600	(4,166)																	
2-08-543-000	CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS	4,165	16,023	5,008	4,301	861	23,028	(1,335)	1,582	27,772	5,627	112,115	35,304	47,257	8,044	99,386	389,139	316,400	(72,739)																	
CF20-128	DEBRIS BARRIER COATING & CATHODIC PROTECTION			47,708		11,589		3,414		6,541	20,243	1,972		6,261	3,933	7,081	108,742	160,000	51,258																	
Recreation																																				
O&M																																				
2-08-537-020	CF - RECREATION	1,748	2,384	6,246	1,690	3,467	3,249	5,739	3,939	5,063	2,711	7,704	97,957	7,605	4,759	5,955	160,215	187,500	27,285																	
2-08-545-020	CF - MAINT OF CAMPGROUNDS	6	962	6,598	0	590	459	1,258	3,376	5,607	6,493	1,602	80	854	10,054	8,856	46,797	35,700	(11,097)																	
Transmission																																				
O&M																																				
2-08-571-002	CF - MAINT OF OVERHEAD LINES - TRANSMISSION									31,629							31,629	35,650	4,021																	
Operating Expenses Total																			19,307	86,643	179,799	5,472	61,600	47,531	36,517	25,776	113,889	59,761	197,135	164,943	150,440	125,662	272,992	1,547,466	1,770,600	223,134
OR&R																																				
Fish & Wildlife																																				
OR&R																																				
CF21-O-154	ALTERNATIVE FISHING DERBY SITE DEVELOPMENT																0	50,000	50,000																	
2-00-330-010	CF - LAND & LAND RIGHTS - HYDRAULIC, CWIP			58,177						611				1,597			60,385	0	(60,385)																	
General																																				
OR&R																																				
CF16-099	REPLACEMENT OF PROJECT SCADA	293	6,317	111,935		122		17,311	26,276	(41,297)							120,957	192,000	71,043																	
CF17-104	5-TON BRIDGE CRANE (2021 CONTESTED)																1,687	0	(1,687)																	
CF21-O-156	NEW FACILITY - ANALYSIS/DESIGN/SITE TESTING			10,530		2,445	1,080			1,809		1,787		3,873	5,090	3,676	30,290	36,800	6,510																	
CF21-O-157	SPILLWAY HANDRAIL & GUARDRAIL									12,240							12,240	70,000	57,760																	
CF21-O-158	SLUICE GATE REPLACEMENT - CFD & PHYSICAL MODEL DESIGN										31,713	7,853	3,665	15,218	76,953	109,380	244,781	330,000	85,220																	
CF21-O-159	SONAR & TURBIDITY SENSORS										40,260	2,767	15,386	19,080	4,905	167	87,565	150,000	67,435																	
CF21-O-160	SPILLWAY 4 RAIL EXTENSION - ALTERNATIVE ANALYSIS						6,330			17,250			56,567	41,005			121,152	135,200	14,048																	
2-00-392-012	CF - TRANSPORTATION EQUIPMENT - GENERAL CWIP			62,733													62,733	0	(62,733)																	
Recreation																																				
OR&R																																				
CF21-O-147	COPPER CREEK TAKEOUT SITE PARKING												38,250	22,950	35,756	7,650	104,606	135,000	30,394																	
OR&R Total																			293	6,317	245,062	0	2,566	7,410	17,311	26,887	(9,998)	71,973	50,656	75,618	103,722	122,704	120,873	841,396	1,099,000	257,604
Taxes																																				
Taxes																																				
O&M																																				
2-08-539-000	ECOLOGY WATER TAX							5,872								5,872	11,743	9,400	(2,343)																	
2-00-408-300	CF - TAXES - BUSINESS & SALES	20		(78)		46		86	142	88		101	60	10			476	0	(476)																	
2-08-921-000	COUNTY TAXES							532		18							550	900	350																	
Taxes - Privilege																																				
2-00-408-200	CF - TAXES - PRIVILEGE					52,141											50,717	102,858	52,140																	
Taxes Total																			20	0	(78)	0	52,187	6,489	18	142	88	0	101	60	10	5,872	50,717	115,627	62,440	(53,187)
Expense Total																			207,668	253,771	721,437	204,795	307,317	307,072	549,342	334,045	388,273	349,922	555,812	501,602	554,794	493,922	1,178,153	6,907,926	7,832,540	924,614
Net Total																			(192,820)	(148,565)	253,804	(278,028)	(119,101)	(125,071)	(434,326)	(180,719)	(132,133)	(168,850)	45,122	1,007	55,484	(5,375)	679,058	(700,515)	0	700,515

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)									
	Budget Year									
	(Excludes Wages & Benefits)									
	2022	2023	2024	2025	2026	2027	2028	2029		
Fish & Wildlife	\$ 210,380	\$ 1,193,740	\$ 497,300	\$ 1,290,600	\$ 1,509,700	\$ 903,480	\$ 1,276,570	\$ 399,850		
O&M	\$ 210,380	\$ 238,740	\$ 137,300	\$ 340,600	\$ 909,700	\$ 903,480	\$ 726,570	\$ 249,850		
American Fisheries Society (AFS) Membership		\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110		
CISPUS ADULT FISH SITE RELEASE ANALYSIS		\$ 75,000								
Creel Study	\$ 18,000			\$ 50,000	\$ 20,000					
ESA BiOp Studies					\$ 748,000	\$ 758,000	\$ 580,000	\$ 100,000		
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		
Fish Gate Position Indicators	\$ 32,000									
Fishing Pond Sediment Removal	\$ 30,000	\$ 30,000								
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		
Habitat Management; Fertilizer, Spraying, Plants	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,300	\$ 9,600	\$ 9,600	\$ 9,600		
Kid's Trout Derby	\$ 5,400	\$ 5,600	\$ 5,600	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,000	\$ 6,200		
Mitigation Trout Program	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000	\$ 51,000	\$ 53,000	\$ 53,000	\$ 55,000		
Noxious Weed Control Contractor	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500	\$ 9,500	\$ 9,700	\$ 9,700	\$ 9,700		
TPU Rearing Facilities Studies				\$ 150,000						
USGS Gauging Station Fees	\$ 41,600	\$ 42,640	\$ 43,700	\$ 44,800	\$ 45,900	\$ 46,980	\$ 48,070	\$ 49,150		
Wildlife Society Membership	\$ 80	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90		
OR&R	\$ -	\$ 955,000	\$ 360,000	\$ 950,000	\$ 600,000		\$ 550,000	\$ 150,000		
(CHAP) Comprehensive Habitat Action Plan - Wildlife Evaluation							\$ 550,000	\$ 150,000		
Alternative Fishing Derby Site Development - Construction					\$ 600,000					
Alternative Fishing Derby Site Development - Design			\$ 200,000	\$ 50,000						
Kiona Creek Enhancement		\$ 120,000	\$ 120,000	\$ 750,000						
Man-Made Island Canal - Construction				\$ 150,000						
Man-Made Island Canal - Design		\$ 50,000								
Wildlife Meadows Unit #5			\$ 40,000							
Wildlife Mitigation Land	\$ -	\$ 785,000								
Fleet	\$ 37,000	\$ 90,000	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000		

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)								
	Budget Year								
(Excludes Wages & Benefits)	2022	2023	2024	2025	2026	2027	2028	2029	
OR&R	\$ 37,000	\$ 90,000	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000	
Mower	\$ 22,000								
RT Fork Lift		\$ 85,000							
Side By Side			\$ 30,000	\$ 30,000					
Truck Bx Crane		\$ 5,000							
Vehicle	\$ 15,000				\$ 38,000				
Vehicle for Replacement					\$ 45,000	\$ 83,000	\$ 45,000	\$ 45,000	
Vehicle for Resource Worker			\$ 42,000						
General	\$ 1,004,700	\$ 1,094,460	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680	
Special O&M	\$ 1,004,700	\$ 1,094,460	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680	
A&G Exhibit F	\$ 371,600	\$ 382,800	\$ 394,800	\$ 405,600	\$ 418,800	\$ 430,800	\$ 444,000	\$ 457,200	
ASDSO - Government Membership	\$ -	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	
Auditing - Accountability	\$ 2,300	\$ 2,350	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900	
Auditing - Financial	\$ 19,000	\$ 19,450	\$ 20,200	\$ 20,900	\$ 21,600	\$ 22,400	\$ 23,200	\$ 24,000	
Budget Facilitator	\$ -								
CEATI - MEMBERSHIP	\$ 65,300	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 46,000	\$ 46,000	
CEATI - PROJECTS	\$ 30,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000	
Compliance Consultant	\$ 65,000	\$ 65,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 75,000	
Document Management Software		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	
Document Scanning		\$ 5,000	\$ 5,000	\$ 5,000					
FFRC Annual Fee	\$ 100,000	\$ 103,000	\$ 106,100	\$ 109,300	\$ 112,600	\$ 116,000	\$ 119,500	\$ 123,000	
Fire District Payment	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,000	\$ 21,500	\$ 21,850	\$ 22,200	
Infrastructure Grant Proposal (HDR)		\$ 50,000							
INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS	\$ 7,200	\$ 7,500	\$ 7,900	\$ 8,300	\$ 8,750	\$ 9,200	\$ 9,600	\$ 10,100	
INSURANCE - EXCESS LIABILITY	\$ 25,000	\$ 26,000	\$ 27,000	\$ 28,000	\$ 29,000	\$ 30,000	\$ 31,000	\$ 32,000	
INSURANCE - LIABILITY	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000	
INSURANCE - PROPERTY	\$ 200,000	\$ 210,000	\$ 220,500	\$ 231,500	\$ 243,100	\$ 255,250	\$ 268,000	\$ 281,420	
LEGAL SERVICES - BIOP & FERC ISSUES	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	
LEGAL SERVICES - GENERAL ISSUES	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	
Long Range Plan Analysis	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	
NWHA Membership	\$ 800	\$ 1,000	\$ 1,000	\$ 1,200	\$ 1,200	\$ 1,400	\$ 1,400	\$ 1,600	
OFFICE SUPPLIES AND EXPENSES	\$ 9,300	\$ 9,300	\$ 9,600	\$ 9,600	\$ 9,900	\$ 9,900	\$ 10,200	\$ 10,200	
Records Clean Up		\$ 15,000							
Maintenance	\$ 4,060,220	\$ 15,057,800	\$ 4,091,900	\$ 8,137,600	\$ 9,180,600	\$ 3,829,300	\$ 3,448,800	\$ 3,203,900	
O&M	\$ 1,767,950	\$ 1,333,900	\$ 1,054,900	\$ 856,600	\$ 904,600	\$ 704,300	\$ 2,376,800	\$ 1,853,900	
230 kV Circuit Maintenance				\$ 45,000				\$ 45,000	
ARC FLASH STUDY	\$ 35,000								
Automatic Transfer Switch Grouting	\$ 1,000								
AVR Testing					\$ 45,000				

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year								
		2022	2023	2024	2025	2026	2027	2028	2029	
	Bridge Sections Inspection & Analysis		\$ 106,000							
	Buffer Zone Management	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,600	\$ 3,600	
	CAD Software Licensing	\$ 4,500	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
	Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	Construction Management Software	\$ 12,000	\$ 7,600	\$ 7,600	\$ 7,800	\$ 7,800	\$ 8,000	\$ 8,000	\$ 8,200	
	Contract Crane Inspections	\$ 12,600	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 16,000	\$ 16,000	
	Contract Diesel Generator Maintenance	\$ 10,000	\$ 12,000	\$ 12,000	\$ 14,000	\$ 14,000	\$ 16,000	\$ 16,000	\$ 18,000	
	Contract Drafting Services	\$ 50,000	\$ 50,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ 57,500	\$ 59,500	\$ 61,500	
	Contract Maintenance Elevator	\$ 15,200	\$ 18,500	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,500	
	Control Room / Office Area Repairs - Construction	\$ 586,030								
	Control Room / Office Area Repairs - Design	\$ 7,500								
	Control Room Paperless Recorders	\$ 42,000								
	Dam Instrumentation	\$ 2,200	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
	Debris Barrier - Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debris Removal - Trash Rake Debris Box	\$ 6,000	\$ 6,200	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600	\$ 6,800	
	Diesel Generator Connection to Spillway Gates 2 & 3	\$ 14,000								
	Diesel Generator Load Bank	\$ 8,500								
	Diving Services	\$ 16,500	\$ 16,500	\$ 17,000	\$ 17,000	\$ 17,500	\$ 17,500	\$ 18,000	\$ 18,000	
	Drainage Pump			\$ 20,000						
	Drainage Pump Handrail	\$ 2,500								
	Drainage Sump Level Indication		\$ 3,500							
	Drainage Sump Study		\$ 48,000							
	Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	
	Electrical Parts	\$ 5,400	\$ 14,400	\$ 14,400	\$ 14,800	\$ 14,800	\$ 15,200	\$ 15,600	\$ 16,000	
	Equipment Rental	\$ 17,000	\$ 17,000	\$ 18,000	\$ 18,000	\$ 19,000	\$ 19,000	\$ 20,000	\$ 20,000	
	Equipment Watch Annual Fee		\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
	FERC Part 12 Recommendations			\$ 125,000	\$ 150,000	\$ 150,000	\$ 175,000	\$ 175,000	\$ 200,000	
	Forebay and Tailrace Level Sensor Replacement			\$ 45,000						
	Fuel - Diesel Generator	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
	Gantry Crane Jib Hoist Load Cell	\$ 15,000								
	Generator Bus Boots	\$ 8,000								

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)								
	Budget Year								
(Excludes Wages & Benefits)	2022	2023	2024	2025	2026	2027	2028	2029	
Generator Oil Mist Piping		\$ 3,000							
Generator Parameter Validation Testing					\$ 120,000				
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
Governor and Turbine Oil Replacement			\$ 225,000						
Governor Jockey Pump		\$ 4,000							
Governor Oil Sump Level Indication		\$ 5,000							
GSU Transformer #1 Metering CT Replacement	\$ 15,000								
GSU Transformer Maintenance	\$ 3,240				\$ 45,000				
GSU Transformer Oil Processing & Testing	\$ 165,780								
GSU Transformer Testing						\$ 45,000			
HVAC	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,800	\$ 3,800	\$ 3,800
Inspect Upstream Coating Spillway Gate 4			\$ 60,000						
Instrumentation Parts	\$ 5,400	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Investigate Draft Tube Liner Issues	\$ 25,000								
MAINTENANCE - LOG BRONC	\$ 1,000	\$ 1,200	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Maintenance - Unanticipated Dam Repairs	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Maintenance Management System	\$ 15,000	\$ 15,000	\$ 17,000	\$ 17,000	\$ 18,000	\$ 18,000	\$ 20,000	\$ 20,000	\$ 20,000
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400
Mechanical & Piping	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 13,000	\$ 13,000
Mechanical Parts	\$ 10,600	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Metal	\$ 10,000	\$ 13,000	\$ 13,000	\$ 14,000	\$ 14,000	\$ 14,500	\$ 14,900	\$ 15,300	\$ 15,300
Mobile Crane Maintenance		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
North Rock Wall Scaling	\$ 75,000	\$ 150,000							
Oil Bearing Level Sensors - Unit 1		\$ 24,000							
Oil Bearing Level Sensors - Unit 2			\$ 24,000						
Oil Storage Tank Level Sensors		\$ 6,000							
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Piezometer Pressure Transmitters	\$ 18,000	\$ 18,000	\$ 18,000						
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Protection & Control Support		\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
Protective Relay Testing				\$ 55,000					
Recoat Top Deck Above Control Room	\$ 3,500								
Repaint Elevator Shaft Exterior	\$ 1,500								
Repaint Stairwell Interior	\$ 500								
Rotor Braided Jumpers	\$ 10,000								
Safety Equipment - Non PPE	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Sandblast and Coat Draft Tube Platform Brackets	\$ 3,000								
SCADA Network Support	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)								
	Budget Year								
(Excludes Wages & Benefits)	2022	2023	2024	2025	2026	2027	2028	2029	
SCADA Support	\$ 120,000	\$ 200,000	\$ 120,000	\$ 124,000	\$ 128,000	\$ 132,000	\$ 136,000	\$ 140,000	
Seismic Study	\$ 150,000								
Septic System Maintenance - Dam				\$ 4,000			\$ 4,000		
Service Air Compressor	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Service Water System Design	\$ 2,500								
Service Water System Rehabilitation		\$ 45,000							
Sluice Gate Bulkhead Seals - Replacement		\$ 2,500							
S MAG Power Connection & Cable	\$ 4,500								
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 3,000	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,800	\$ 3,800	\$ 4,200	
Spillway Gate 4 Bottom Seal Repair			\$ 80,000						
Spillway Gate Finite Element Analysis		\$ 90,000							
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Steel Structures & Equipment Costing							\$ 600,000		
Structure Maintenance; Concrete, Fencing		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Temporary Offices	\$ -	\$ 230,000	\$ 72,000	\$ 72,000	\$ 72,000				
Tools & Equipment - Operations	\$ 15,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000
Transformer Oil Processing & Testing		\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Trunnion Friction Testing	\$ 65,000								
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Turbine Oil Level Indication		\$ 15,000							
Turbine Shaft Seals	\$ 30,000	\$ 30,000							
Unit 1 Major Inspection & Cleaning								\$ 500,000	
Unit 1 Turbine Hub & Discharge Ring Recoating								\$ 600,000	
Unit 2 Major Inspection & Cleaning							\$ 500,000		

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)								
	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
Unit 2 Turbine Hub & Discharge Ring Recoating							\$ 600,000		
Unit Control Board Meter Replacement	\$ 42,000								
Unit Turbine Gage Board Inputs into SCADA - Design	\$ 4,000								
Upper Guide Bearing Oil Sample Ports		\$ 4,000							
Warehouse Repairs	\$ 64,000								
OR&R	\$ 2,292,270	\$ 13,723,900	\$ 3,037,000	\$ 7,281,000	\$ 8,276,000	\$ 3,125,000	\$ 1,072,000	\$ 1,350,000	
5-Ton Bridge Crane	\$ 490,000	\$ 865,000							
Battery Bank Replacement		\$ 80,000							
Battery Chargers		\$ 60,000							
Boat Barrier Replacement - Alternative Analysis	\$ 35,000								
Boat Barrier Replacement - Design	\$ 41,375	\$ 80,000							
Boat Barrier Replacement - Installation		\$ 1,800,000							
Debris Barrier Coating & Cathodic Protection - Construction		\$ 3,680,800							
Debris Barrier Coating & Cathodic Protection - Design	\$ 60,000								
Downstream Boat Ramp			\$ 200,000	\$ 50,000					
Downstream Notification Siren - Design		\$ 10,000							
Downstream Notification Siren - Installation		\$ -	\$ 40,000						
Drainage Gallery Air Supply - Alternative Analysis		\$ 60,000							
Drainage Gallery Air Supply - Design			\$ 145,000						
Drainage Gallery Air Supply - Installation				\$ 450,000					
Drainage Sump Oil Skimmer - Design					\$ 45,000				
Drainage Sump Oil Skimmer - Installation						\$ 150,000			
Elevator Controls - Design		\$ 60,000							
Elevator Controls - Installation			\$ 125,000						
Elevator Roof Access - Design	\$ 10,000								
Elevator Roof Access - Installation		\$ 25,000							
Exciter Brush Dust Vacuum System	\$ 92,200								
Exciter Replacement - Design				\$ 125,000					
Exciter Replacement - Phase I					\$ 250,000				
Exciter Replacement - Phase II						\$ 700,000			
Fire Detection System Upgrade							\$ 42,000		
Gantry Crane Controls and Drive Upgrade - Design					\$ 150,000				
Gantry Crane Controls and Drive Upgrade - Upgrades							\$ 600,000		
Generator Cooling Water Refurbishment			\$ 78,000						
Generator Hatch Cover Seals & Drains	\$ 25,000	\$ 215,000							
Generator Protective Relay Replacement - Design		\$ 100,000							
Generator Protective Relay Replacement - Installation			\$ 50,000						
HVAC AH-1 Replacement Office Area		\$ 50,000							
Intake Gate Slot Cover - Alternative Analysis							\$ 100,000	\$ 150,000	
Lathe	\$ 18,000								
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000								
New Facility - Construction				\$ 1,200,000	\$ 2,000,000				
New Facility - Design			\$ 180,000	\$ 100,000					
New Facility - Site Preparation	\$ 60,000	\$ 1,068,100							
Plant Auxiliary Equipment Inputs into SCADA - Design			\$ 8,000						

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)								
	Budget Year								
(Excludes Wages & Benefits)	2022	2023	2024	2025	2026	2027	2028	2029	
Plant Auxiliary Equipment Inputs into SCADA - Installation				\$ 38,000					
Revenue Meters	\$ 24,000								
Roadway Gates	\$ 12,000	\$ 18,000							
Roadway Lighting	\$ 20,000								
Service Water VFD & Controls Replacement		\$ 16,000							
Sluice Gate Replacement - CFD & Physical Model Design	\$ 115,605								
Sluice Gate Replacement - Construction 1			\$ 1,200,000						
Sluice Gate Replacement - Construction 2				\$ 1,400,000					
Sluice Gate Replacement - Construction 3					\$ 5,536,000				
Sluice Gate Replacement - Design 1	\$ 372,000								
Sluice Gate Replacement - Design 2		\$ 867,700							
Sonar & Turbidity Sensors	\$ 25,000								
South Downstream Abutment Wall Handrail	\$ 27,000								
South Well Pump				\$ 3,000					
Spillway 1 Apron Repairs						\$ 300,000			
Spillway 1 Apron Repairs - Alternative Analysis				\$ 60,000					
Spillway 1 Apron Repairs - Design					\$ 90,000				
Spillway 4 Gate Uplift Anchoring				\$ 250,000					
Spillway 4 Fail Extension - Construction		\$ 3,768,300	\$ -						
Spillway 4 Fail Extension - Design	\$ 330,025								
Spillway Gate Control - Alternative Analysis		\$ 50,000							
Spillway Gate Control - Design			\$ 200,000						
Spillway Gate Control - Installation				\$ 75,000					
Spillway Gate Hoist Covers - Construction	\$ 95,000								
Spillway Gate Hoist Covers - Design	\$ 25,000								
Spillway Gate Structural Reinforcement				\$ 500,000					
Spillway Handrail & Guardrail	\$ 226,585								
Station Air Compressor Replacement							\$ 60,000		
Station Service cabinet Inputs into SCADA - Design		\$ 4,000							
Station Service cabinet Inputs into SCADA - Installation			\$ 16,000						
Station Service Circuit Breaker Replacement - Alternative Analysis						\$ 60,000			
Station Service Circuit Breaker Replacement - Design							\$ 120,000		
Station Service Circuit Breaker Replacement - Installation								\$ 1,200,000	
Surge Arrestor Replacement						\$ 20,000			
Tailrace Repairs & Improvements - Alternative Analysis				\$ 60,000					
Tailrace Repairs & Improvements - Design					\$ 230,000				
Tailrace Repairs & Improvements - Installation						\$ 2,000,000			
Transmission Line Access - Bridge Replacement		\$ 275,000	\$ -	\$ -	\$ -				
Trash Rake - Alternative Analysis	\$ 86,850								
Trash Rake Construction			\$ 700,000	\$ 1,070,000					
Trash Rake Design		\$ 191,000							
Trash Removal System - Alternative Analysis	\$ 76,630								
Trash Removal System - Construction			\$ -	\$ 1,700,000					
Trash Removal System - Design		\$ 300,000	\$ 50,000						
Unit Instrumentation - Alternative Analysis		\$ 45,000							
Unit Instrumentation - Design			\$ 45,000						
Unit Instrumentation - Installation				\$ 200,000					
Unit Turbine Gage Board Inputs into SCADA - Installation		\$ 35,000							
Operations	\$ 405,440	\$ 424,900	\$ 373,040	\$ 375,940	\$ 380,880	\$ 381,580	\$ 396,020	\$ 401,620	
O&M	\$ 291,040	\$ 262,600	\$ 230,640	\$ 233,440	\$ 238,280	\$ 238,880	\$ 242,820	\$ 248,320	
1D Sediment Transport Study	\$ 100,000								
Advertising - Dam	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
CFP Cell Phones	\$ 1,600	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400
CFP Telephones	\$ 7,000	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)									
	Budget Year									
	2022	2023	2024	2025	2026	2027	2028	2029		
(Excludes Wages & Benefits)										
CFP Vehicle Verizon Connect	\$ 540	\$ 2,300	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900		
COMMUNICATIONS - RADIOS, ETC	\$ 7,900	\$ 8,100	\$ 8,100	\$ 8,100	\$ 8,300	\$ 8,400	\$ 8,400	\$ 8,400		
Communications Fiber - User Fee	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500		
Computer & Supplies		\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000		
Dam Safety Consultant	\$ 62,000	\$ 64,000	\$ 66,000	\$ 68,000	\$ 70,000	\$ 72,000	\$ 74,000	\$ 76,000		
Electric Utilities - Secondary Power Feed	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400	\$ 12,400	\$ 12,400	\$ 12,800	\$ 12,800		
Fall Protection Equipment	\$ 6,000	\$ 6,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 1,000	\$ 4,000		
FERC Dam Movement Survey	\$ 8,400	\$ 8,800	\$ 8,800	\$ 9,000	\$ 9,000	\$ 9,200	\$ 9,200	\$ 9,400		
FR Clothing - CFP	\$ 9,500	\$ 9,500	\$ 10,000	\$ 10,000	\$ 10,500	\$ 10,500	\$ 11,500	\$ 11,500		
GARBAGE SERVICE - OPERATIONS	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700		
Operator Remote SCADA Communications	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,200	\$ 9,200		
Operator Supplies - Dam	\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
Portable Restrooms - Dam	\$ -									
Respirator Fit Testing		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
Rope Access Gear	\$ 3,000	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500		
Security/Plant Locks	\$ 300	\$ 300	\$ 340	\$ 340	\$ 380	\$ 380	\$ 420	\$ 420		
Sedimentation Report		\$ 50,000								
Sedimentation Report Annual Updates		\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		
Sedimentation Survey	\$ 5,200	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,000	\$ 6,200	\$ 6,200	\$ 6,400		
Shelving & Furniture	\$ 7,000									
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200		
OR&R	\$ 75,400	\$ 105,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 95,000	\$ 95,000		
Major Office & Network Equipment	\$ 25,400	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		
Security Improvements	\$ 50,000	\$ 80,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 70,000	\$ 70,000		
Special O&M	\$ 39,000	\$ 57,300	\$ 57,400	\$ 57,500	\$ 57,600	\$ 57,700	\$ 58,200	\$ 58,300		
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200		
CF Vehicle Maintenance	\$ 12,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000		
CONSUMABLE SUPPLIES - FIRST AID	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400		
CONSUMABLE SUPPLIES - JANITORIAL	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500		
CONSUMABLE SUPPLIES - SAFETY & PPE	\$ 6,500	\$ 6,500	\$ 6,700	\$ 6,800	\$ 6,900	\$ 7,000	\$ 7,100	\$ 7,200		
Recreation	\$ 2,016,800	\$ 526,760	\$ 567,660	\$ 319,760	\$ 593,460	\$ 833,280	\$ 334,780	\$ 346,260		
O&M	\$ 416,800	\$ 306,760	\$ 307,660	\$ 319,760	\$ 320,460	\$ 332,280	\$ 334,780	\$ 346,260		
Advertising	\$ 3,000	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600		
Boat Launch Sediment Removal	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000		
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200		
Campground Fire Pits Graveling	\$ 500									
Campground Hosts	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 150,000	\$ 155,000		
Campground Internet	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600		

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)									
	Budget Year									
	(Excludes Wages & Benefits)									
	2022	2023	2024	2025	2026	2027	2028	2029		
Campround Reservation Software	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,600	\$ 5,600		
Campround Restroom improvements	\$ 30,000									
Campround Telephone	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,700	\$ 1,700		
Campround Wood Chips	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500		
Contract Septic and Water Services	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000		
Contract Services (Backhoe, Gravel)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,900	\$ 2,900		
D-Loop Electrical Design & Feed Replacements	\$ 30,000									
Electric Utilities	\$ 6,400	\$ 11,500	\$ 11,700	\$ 11,900	\$ 12,100	\$ 12,300	\$ 12,500	\$ 12,700		
EQUIPMENT REPAIRS - PARK	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700	\$ 3,700	\$ 3,700	\$ 4,200	\$ 4,200		
GARBAGE SERVICE - RECREATION	\$ 6,400	\$ 6,500	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,900	\$ 6,900	\$ 6,900		
Group B Annual Operating Fee - Falls Road Well	\$ -	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60		
MAINTENANCE - GROUND	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600		
MAINTENANCE - SEWER & WATER SYSTEM	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400		
Noxious Weed Control	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,500	\$ 6,500		
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,400	\$ 2,400		
Port Blakely Road Access Agreement	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000		
Port Blakely Road Maintenance	\$ 13,500	\$ 13,500	\$ 14,000	\$ 14,000	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500		
Portable Restrooms	\$ 2,300	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000		
Potable Water and Septic System Testing	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,400	\$ 2,400		
Recreation Assessment	\$ 90,000									
Recreation Tree Removal	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		
Repairs & Supplies	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,900	\$ 12,900		
Septic System Maintenance - Recreation	\$ -	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ 6,000		
Sign Replacements	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,800	\$ 2,800	\$ 2,720	\$ 2,720	\$ 2,800		
Tools & Equipment - Recreation	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,800	\$ 3,600	\$ 3,800		
OR&R	\$ 1,600,000	\$ 220,000	\$ 260,000	\$ -	\$ 273,000	\$ 501,000	\$ -	\$ -		
Campround & Day Use Park Paving		\$ 150,000			\$ 154,000			\$ -		
Campround A Loop Restroom - Design		\$ 60,000								
Campround A Loop Restroom - Installation			\$ 260,000							
Campround Electrical Replacement - Design					\$ 64,000					
Campround Electrical Replacement - Installation						\$ 322,000				
Campround Storage Building - Design					\$ 45,000					
Campround Storage Building - Installation						\$ 179,000				
Copper Canyon Take Out Site Improvements	\$ 1,600,000									
Day Use Park Flat Water Kayak Take Out		\$ 10,000								
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100		
O&M	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100		
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700		
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500		
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900		
Training & Travel	\$ 215,650	\$ 135,910	\$ 129,060	\$ 91,400	\$ 90,300	\$ 82,300	\$ 80,700	\$ 80,700		
O&M	\$ 191,850	\$ 109,110	\$ 112,760	\$ 67,100	\$ 63,500	\$ 64,500	\$ 50,000	\$ 50,000		
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500		
American Governor Analog Gov Training	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500				
American Governor School		\$ 8,000	\$ 8,000							
ASDSO Conference	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500		

Tentative Approval	2023 - 2029 CFP Budget Estimates (2022 for reference)								
	Budget Year								
	(Excludes Wages & Benefits)								
	2022	2023	2024	2025	2026	2027	2028	2029	
AVO Circuit Breaker Maintenance			\$ 5,000						
AVO Electrical Series	\$ 4,350	\$ 4,350							
AVO Substation Maintenance I		\$ 5,000	\$ 5,000						
AVO Thermography I		\$ 5,000							
AVO Thermography II			\$ 5,000	\$ 5,000	\$ 5,000				
CEATI - ANNUAL MEETING	\$ 3,000	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500
CEATI - ASSET Management Meeting		\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
CEATI - DSIG MEETING	\$ 2,200	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400
CEATI - HPEIG MEETING		\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400
CEATI - HPLUG MEETING	\$ 2,800								
EPTC Fundamentals of Electricity	\$ 7,200								
EPTC Generation Series	\$ 3,600								
EPTC Power Plant Operation		\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection		\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
EPTC Switching & Grounding		\$ 7,000	\$ 7,000						
EPTC System Operations Personal Grounding	\$ 1,260	\$ 1,260	\$ 1,260						
EPTC Transmission Series	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600					
HSI Online Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
HydroVision	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
NW Hydro Forum	\$ 800	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600
NWHA - ANNUAL MEETING	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
NWHA - WORKSHOP	\$ 500	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
NWPPA - LEADERSHIP TRAINING	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
OPERATOR TRAINING DEVELOPMENT 2022	\$ 130,000								
TPC - ELECTRICAL WORKSHOP	\$ 4,350	\$ 6,000	\$ 3,000						
TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING	\$ 2,350	\$ 2,400	\$ 2,400						
TRAINING - CRANE		\$ 4,000	\$ 6,000			\$ 6,000			
TRAINING - MANLIFT/FORKLIFT			\$ 4,000						
TRAINING - PESTICIDE APPLICATION	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,500	\$ 1,600	\$ 1,600	\$ 1,600
TRAINING - WATER & WASTEWATER	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Wildlife Classes	\$ 4,000	\$ 4,000	\$ 4,000						
Special O&M	\$ 23,800	\$ 26,800	\$ 16,300	\$ 24,300	\$ 26,800	\$ 17,800	\$ 30,700	\$ 30,700	\$ 30,700
ARC FLASH TRAINING		\$ 3,000					\$ 3,000		
NWPPA - ADMIN ASST TRAINING	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400
TRAINING - COMPUTER	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000
Training - Confined Space		\$ 8,000			\$ 10,000			\$ 11,000	
TRAINING - FALL PROTECTION	\$ 8,000			\$ 8,000			\$ 8,000		
TRAINING - ROPE ACCESS	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 9,000	\$ 10,000	\$ 10,000	\$ 10,000
WPUDA - ADMIN ROUNDTABLE	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 800	\$ 800	\$ 800
WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING	\$ 4,000	\$ 4,000	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 5,500	\$ 5,500	\$ 5,500
Transmission	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
O&M	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 3,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000				
Wages, Benefits and Taxes	\$ 3,226,810	\$ 4,000,000							
Grand Total	\$ 11,305,100	\$ 22,585,570	\$ 6,851,520	\$ 11,399,260	\$ 13,018,050	\$ 7,322,150	\$ 6,837,980	\$ 5,767,010	
		ESTIMATED							

Mike Wellner Comment/Question

Significantly more than years previous and this is mostly due to the land wildlife land mitigation item (BPA does not support).

Did they have this membership in the past? How was funding provided? If they did not have the membership in the past, does the cost of the meeting (line item below) reduce with membership? We have funded the AFS meeting in the past. So if we are asking if the membership is Tacoma's responsibility we may want to discuss the meeting too.

Agree with your questions and follow up.

Agreed, did they complete any of this in FY22 and how much did it cost? Seems like they still did not answer the question. || In the past efforts for sediment removal were captured under "Derby Site Reinforcement / Habitat Enhancement". It looks like that has been split out per BPA recommendation during previous budget discussions with CFP.

Funding paid to WDFW for assisting with various tasks, to include report writing.

In the past, we asked for more detail on actuals.

I have a note from FY22 Budget Cycle discussions indicating, " in the future need to discuss not placing trout in Lake Scenewa". Unfortunately, I do not have anymore information than that.

In the past, we asked for more detail on actuals. However, I know this is low \$\$.

Is the study complete? The study had been tied to the recreation assessment. Even though CFP has an idea of where they would like the new Derby site, they were going to work with an firm to figure out were the best location would be for future discussions with BPA.

CFP postponed this project from FY22 to FY23. It was previously discussed as being a 3 year project. During last year's discussions, they informed us they were trying to obtain the grant CFP/LCPUD has now specified they have received (based off info in column N).

This was originally programmed into FY22 but it was pushed to FY23. The location is apparently 1/4 miles upstream and specifically for fish. We had asked CFP for a more accurate cost estimate (or at least to check via SOW) last year but it appears to still be \$50K. Additionally, we know that the permitting process takes time so the spacing between FY23 design and FY25 construction seems more reasonable.

Agreed, we have repeatedly told CFP/LCPUD no on this one.

Mike Wellner Comment/Question

This line item was originally in the FY21 budget but removed by CFP because their current equipment was still satisfactory. I still question if this cost is based on specifications and estimate. I have worked with NWS (in past) to buy lightly used equipment and it was a fraction of the price allotted here.

What is the purpose for CFP? What load capacity is required? I have seen some for less than \$1K.

Is this based on the new agreed upon equation (assuming that was actually agreed upon)?

The two auditing entries used to be one entry, now split up into two: accountability and financial. Same overall fund request. No issues.

The two auditing entries used to be one entry, now split up into two: accountability and financial. Same overall fund request. No issues.

In FY21, I believe this was only 65,300 because this is an annual membership and in FY21 they had a 15 month budget... uncertain why that is showing up as \$65.3K in FY22 since in November 2021 it was planned as \$36K for FY22. Previously, only \$36K annually. - FY22 has already been approved though so not a priority to discuss but I think they obtained more funds than needed.

This cost had also been doubled due to renewal for 2ea years in one 15 month period but I thought that was in FY21... seems duplicated. We have asked CFP and LCPUD for a list of projects they are interested in in the past. FY22 has already been approved though so not a priority to discuss.

This is likely a contractual annual cost for document/data retention. Right now they are saying \$30K annually with no adjustment for cost growth (but other entries account for this). Before agreeing to additional annual costs, it would be good to know who/contractor and why \$30K is necessary. What do they plan to store? Is this going to cause any security issues?

Is this scanning documents for the document management software? This seems similar to their longstanding "convert engineering drawings to AutoCAD" budget item. We had asked them for a way to quantify that per year so it did not continue on; however, to my knowledge, we never received information on the AutoCAD. I suggest this is an item they need to set goals so it does not become an annual entry past the 3ea years.

Agreed. What is this? Is this for the new facility project? This has not been in previous FY budget cycles near term project documents (similar to this document). It seems like it was just added this year.

In FY22, the overall task order Revision 1 was ~\$112K. BPA may want to double check that there is not a larger cost for this budget line item. It seems like there could be a larger upfront cost. It would be good to know how much they ended up paying B&V in FY22 (or so far).

This seems like it would be part of CFP/LCPUD annual tasks. Organizing and filing seems like it would be part of their responsibilities. What was the impetus for this budget line item being added? Document management software? Ensure not duplicating efforts with document scanning.

Mike Wellner Comment/Question

I am wondering if this has something to do with my request for bridge deck analysis and load considerations for the Spillway 4 Crane rail extension project. Is this for both vertical dam sections (piers, contraction joints, other non-linear interfaces) and horizontal sections (bridge deck)? When I expressed my concern about needing load analysis to extend the crane rail, I believe CFP/LCPUD had indicated this had already occurred.

Why was this item \$12K in FY22? What are the actuals so far in FY22?

We asked that question last year and CFP/LCPUD said they did require annual inspections. This does seem high and we asked them to track actuals. Based on notes, it looks like as of October 11, 2021, CFP had only spent \$4,320 on crane inspections for annual inspections of the cranes.

This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends.

Even though the previous budget cycle info indicates "actual costs," I believe this was another line item BPA has requested obtaining better annual actuals of what CFP/LCPUD spends.

As of October 2021 (15 month budget cycle year), the FY21 actuals were \$23,753.73

Should this be covered under "dam instrumentation"? Or, do we want to encourage that these types of line items being broken out? See comments in budget line item 92 for "electrical parts."

Agree with your question.

My understanding is this is budget for repairs.

This is a blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends. The \$14.4K should not be approved because previous years CFP/LCPUD spent less. Line item costs doubled/tripled without any justification. Debbie had a note that Joe would try to incorporate this funding into actual projects (or broken out into other line items) in the future. However, it does seem difficult to anticipate those repairs.

Agreed. This is a new line item. What brought up this need? Like a fire watch? Or is this equipment watch during construction projects? Internal or external effort?

Please provide more information. Is this procurement only? Has a preliminary effort taken place to actually see if \$15K will suffice?

Please provide more information. Is this procurement only? Has a preliminary effort taken place to actually see if \$8K will suffice?

Mike Wellner Comment/Question

Please provide more information. Is this procurement only? Has a preliminary effort taken place to actually see if \$3K will suffice?

I believe this is annual governor maintenance and BPA wanted more information regarding previous budget years' actuals.

Agree with your question. Please provide more information. Is this procurement only? Has a preliminary effort taken place to actually see if \$4K will suffice?

Agree with your question. Please provide more information. Is this procurement only? Has a preliminary effort taken place to actually see if \$5K will suffice?

Was this work actually completed?

Was this work actually completed?

This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends.

This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends. We had approved \$5.4K since that is what CFP/LCPUD had requested in the past. CFP/LCPUD wanted to almost double the funding without any justification of need (FY22 budget too).

There is another line item (line 322) for "repairs and supplies." Another blanket line items added without guarantee the funding will be used on these items.

Are these anticipated costs based off of cost estimates based on needs?

If we are going to question electrical parts, we should probably do the same for the mechanical parts. This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends.

If we are going to question electrical parts, we should probably do the same for the metal. This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends.

Another added blanket line item. This does seem reasonable but it is worth asking why they need this as a standing annual line item moving forward.

This had only been in the budget for \$75K for FY22 and no funds needed for FY23. I noticed the CFP response to your question. This is what BPA has seen and would like to stop in the future... approving projects that have barely been scoped [even though BPA is told they have been] and then receiving a higher overall cost after they have already begun work. Note: We see cost increases on the FCRPS side so I understand this cannot be avoided but it would be nice to see more upfront effort. || Seems like they also have stated that some of the costs are Tacoma's responsibility so they should update those costs.

Good question.

Is this sensor new, or are you replacing a broken one?

Is CFP replacing 2ea transmitters per year?

Another added blanket line item. Agree with your questions.

Mike Wellner Comment/Question

CFP's response is the opposite of what we have been doing in recent budget cycles. In general, we have been keeping the previous year allocated costs until we have received the actuals. CFP/LCPUD should have actuals for FY21 since it sounds like Debbie had those actuals (see column I)

Was the design completed? Is there an updated cost estimate?

This does not appear to be an updated cost estimate.

Is item added during this FY23 budget cycle. Is this part of the spillway gate projects below? In the past, BPA has asked CFP/LCPUD to include FEA and analysis into the projects it is associated with.

BPA has asked for actuals to be tracked on this line item in past.

It appears these costs (at least for FY23) have been updated; added \$30K. CFP and BPA agreed to postpone this project in FY22 but I do not recall if we were in agreement to perform work in FY23. || It looks like CFP is still waiting on the permit. I still recommend that not all funds are approved until permit is obtained (please see column I).

This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends. What were the previous year actuals FY21 and FY22? I would not support the cost increase. In general, do they really need even \$15K every year for tools? Need some accountability. In FY20, they only asked for \$2K.

Previous budget cycle questions: Is this for calibration or replacement? I did not have an answer for this in my notes.

Addition or replacement? It appears this value is stale.

Yes, there is a set per unit: one carbon and one composite seal. Per conversations with CFP, these are consumable parts and tend to wear out every 3-5 years. || Was work accomplished in FY22? Any cost updates/lessons learned? From previous year budget cycle notes, it sounds like CFP thought the composite seal was okay. Was the idea to manufacture and replace both sets? Or, only replace the carbon and manufacture the composite seal to replace at a later date? Is this meant to be installed or a spare? A note from Debbie indicated that the turbine shaft seal for unit 1 was replaced in FY21, but I wonder if she may have been thinking this was the turbine maintenance seals. Were unit 1's seals replaced in 2021?

Mike Wellner Comment/Question

NOTE: Glen, I am still looking into the OR&R, please ignore this portion for now. I am working OR&R on the word document you sent.

Costs and scope of work discussions and development for this project have been going on for quite some time (pre my time). When I first came onboard FY21 budget development, we were only given a "detailed sheet" which had a couple of sentences for scope of work, \$500K price, and misc project information. I did not think 2ea bridge cranes could be able to be installed for less ~\$500K (even for 5 ton cranes) but was informed this was a quote. The justification sheet process was created for the FY21 budget and cost was \$509K. This project was not approved for FY21 budget because BPS discovered the quote was from several years prior and we had some scoping concerns (lifting capacity decision, clearance concerns). In FY22, CFP informed BPA that another quote was obtained with overall project cost at \$650K. Later in the FY22 budget development, they lowered the FY22 request to \$638K since funding had already been completed for design (FY17-21). Now we are seeing ~176% increase. Agreed the JS needs to be updated, but JS was just updated June 2022. || Still need information on how they determined 5 ton load capacity was sufficient for each crane. Had previously asked for breakdown of component weights for equipment being removed during intended CFP/LCPUD maintenance.

Need more information. May need JS

Need more information. May need JS

Need to update JS... If they are increasing design will probably not complete installation in FY23. Should

Was the design completed? Are the specs ready to go? How much work will be completed in FY23? Schedule?

Completed?

Need more information...

No previous JS; CFP needs to provide.

No previous JS; CFP needs to provide.

Was design completed? Updated cost estimates?

Accurate cost estimate?

Is this actually going to be completed in FY22?

This had already been approved by BPA... what happened. CFP wants to line up with 5-ton bridge crane project.

No previous JS; CFP needs to provide.

Need more information

It looks like they have postponed this project even further. There had been a budget line items for this project in FY21 and FY22.

\$1.068M for site preparation??? Check JS. This is not acceptable.

Mike Wellner Comment/Question

Did costs increase??

Why does this need to be completed now?

What is this? Check the JS.

Was the design completed? BPA was not supportive... which alternative was selected? Seems like CFP only provided one viable option.

No previous JS; CFP needs to provide.

What is the scope? This seems severely underbudgeted.

No previous JS; CFP needs to provide.

BPA had suggested to combine several projects but discussed ensuring continuity between AE and CFP for trash removal update projects. Line 251 is related. Check JS

BPA had suggested to combine several projects but discussed ensuring continuity between AE and CFP for trash removal update projects. Line 248 is related. Check JS

No previous JS; CFP needs to provide.

Was there design (similar to line 236)? Where did the cost estimate come from?

BPA has asked for actuals to be tracked on this line item in past.

BPA has asked for actuals to be tracked on this line item in past.

Mike Wellner Comment/Question

Not tracking that this was presented in the original FY22 budget discussions.

What were the FY21 and FY22 (so far) actuals?

In the past this equipment was under "Server/Cameras/Office Machines/Computers" line item. Last year, BPA asked for inventory (which we received). During original discussions, we had approved \$25.4K but it looks like final approved budget did not include.

BPA has asked for actuals to be tracked on this line item in past.

In FY21, this was planned for \$1.5K... and \$1.9K in the 15month settlement. What were the FY21 and FY22 (so far) actuals? BPA has asked for actuals to be tracked on this line item in past.

BPA has asked for actuals to be tracked on this line item in past.

Agreed, need to look at recent year actuals. BPA has asked for actuals to be tracked on this line item in past.

In FY21, this was planned for \$1.5K... and \$1.9K in the 15month settlement. What were the FY21 actuals?

This was requested in FY21 budget cycle and I thought BPA was supportive. It appears this was not included in settlement... Maybe this was removed during settlement discussions because they could not finish in FY21? This should be clarified with CFP. Additionally, what data is being compiled (what other line item lines up with this entry) into the report?

I do not think this is the best way to fund this work. I agree that some security improvements are likely necessary, but it seems like it would be more efficient and in BPA's best interest to have a larger scoped project with milestones rather than setting aside \$50-80K every year. A security assessment was completed but CFP (understandably) did not want to send to BPA. Offered for BPA to review in person but that was prior to BPA lifting travel restrictions.

No notes to add. It was not in the original FY22 budget discussions, but did see it ended up on the final approved FY22 budget. Uncertain when this was added.

Mike Wellner Comment/Question

Agree with your question. Additionally, campground restroom maintenance was captured under budget line item "building maintenance" based on previous budget discussions. What was this scope of work? | No notes to add. It was not in the original FY22 budget discussions, but did see it ended up on the final approved FY22 budget. Uncertain when this was added.

Based on prior information gathered, I believe this would be contract for landfill.

Agree with your question. What was accomplished in FY22? What is remaining?

This increase may be based on actuals. What were the FY21 actuals (15 months) and FY22 actuals (so far)?

Agree with your question. During the FY21 budget cycle, CFP budgeted for \$2.2-2.4K in out years. Why is there such a large increase? Is this for anticipated extra portable restrooms for the temporary offices?

Was the recreation assessment completed in FY22? If so, is there an agreed upon path forward between BPA and CFP regarding the path forward? I had not seen any emails indicating this work is complete.

This is a recurring blanket line item and BPA has requested obtaining better annual actuals of what CFP/LCPUD spends.

Agree with your question. Additionally, there is another entry (line 319) for septic system testing.

Agree with your question. Unless there is a new JS, no justification sheet was provided in the past.

What work was accomplished?

Why did this increase?

Why two years? What is this value based on? Changed from \$7K to \$8K.

Mike Wellner Comment/Question

Why two years? What is this value based on?

Since they are members, isn't there a discount? Why have the costs tripled? Is this because they want all engineers to attend? This was budgeted at \$2.2K in FY21.

Why did this double? This was \$1.4K in FY21.

New name from HPLIG? This annual cost used to be \$1.4K per the FY21 budget cycle. Why is this now \$4.4K?

Is this actually intended to be an annual cost? Is it a requirement?

Is this actually intended to be an annual cost? Is it a requirement?

Is the cost increase to account for 2ea individuals attending?

In FY21 budget cycle this was planned to be \$500 in out years. Why is the cost four times as much? Four individuals going?

Did CFP hire all the necessary operators and train in time in FY22?

I believe this is an actual workshop (like NWA HydroForum). Why do the costs fluctuate so much? FY21 \$3K, FY22 \$4.35K, FY23 \$6K, and FY24 \$3K

No notes. Agree with your question.

No notes. Agree with your question.

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

Note: This annual entry was not in previous year budget cycles (i.e. FY22 budget cycle document showing 2022 through 2025) for near term project plan; it appears to be new this year.

Note: This entry was not in previous year budget cycles for near term project plan (i.e. FY22 budget cycle document showing 2022 through 2026); it appears to be new this year.

This is removing sediment from the existing place. Remove sediment at exit and entrance (big lagoon). Place net at the end. Then put rainbow trout in the pond for people to fish early June - July. Then rest of the summer can fish in the river. To ensure fish stay in the pond need relatively flat and stable bottom. If too shallow people and birds of prey pick off. Want to contour down. In past years, has cost \$80-100K. [Location is north east of project]

Previous Budget Cycle Gathered Information: Debbie Note- if \$18K was paid to WDFW in FY 2020 for completing the creek sampling (work was not completed and the \$10K for misc WDFW assistance and these funds were not used - and \$18K paid in OY 2021 plus \$10K

Previous Budget Cycle Gathered Information: Work is done internally (purchase and apply product); plants are native grasses.

Previous Budget Cycle Gathered Information: Non-fish expenses for just putting on the derby (advertising, prizes, hiring people to do "events" like face painting

Previous Budget Cycle Gathered Information: This funding is for cost of the trout to stock the Kids Fishing Derby site; this is a well used "fishing hole" throughout the summer months and is a requirement under the FERC license.

Previous Budget Cycle Gathered Information: Debbie Note - Joe said long time Lewis County Noxious Weed Control staffer (Bill Longly) retired at the end of May; Laura & Joe to meet with his replacement to see if he will do the same type of work Bill did; This work can be done internally (resource worker Gary Wedam has both a herbicide and pesticide license) however they would need multiple people to do the work; Gary does do this work in the project lands but to do all the work would require more labor.

Will not have 2022 budget item for this project. Possibility it will be lower than this. CFP/LCPUD is working through Lower Columbia Fish Recovery Board trying to get a grant. Hoping to be able to extract some of the money. CFP would have some costs because initiating the project. If get the grant then there would be a plan with LCFRB. Going to do a study for enhancement of area for fish habitat. Cost estimate and preliminary designs. Did some work (class 4 or 5). Detailed specs needs to be completed. LCFRB wants CFP to apply for grant and manage the work.

Debbie's Notes: When water is high it spreads out onto the land but when it recedes it creates a small area where fish (fry, smolts, adults) go and can get trapped; this funding would allow a path to be created, making sure fish can get out of the area as the water recedes (previous notes: Plan is under development for enlarging the canal to the man-made island, a FERC license requirement; permitting is required; construction work will be a budget item in a future year (note: might be a while since permits have to be in place before any construction is done). April 19 Joe/Debbie telephone call - Dale will draw up plans for the "fix" - the space now "collects" logs, debris and stranded fish during drawdowns; looks like it maybe the canal will be cleaned out with higher ground in the middle with the hopes it will allow water (and fish) to pass through (first consideration was to dredge it out and create a big pool; however, doing so would likely result in sediment eventually filling it up); drawings of the "fix" and permitting (JARPA) is expected to be completed in FY 2028 - will take about a year for the permitting process; expect work on this habitat enhancement to start in FY 2019)

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

From FY22 Budget discussions: Current equipment is sat. Specific need was not presented. Amount is very high. Recent purchase at Libby was \$35k for a large capacity/ton fork lift. BPA is concerned that alternatives such as used equipment was not investigated.

From FY22 Budget discussions, CFP is able to obtain individual training (modalais) ; guides (inspection and operation), and material of studies.

Note: Back in FY20 (budget cycle prior to my participation), CFP was approved for a "Process and documentation training" in the budget. Due to inadequate actuals (expenditure) tracking at the time, I am uncertain if they took the course. However, it seems like with a request for documentaion training, any sort of scanning being completed would be performed by CFP/CPUD and would fall under their tasks.

Note: This entry was not in previous year budget cycles for near term project plan (i.e. FY22 budget cycle document showing 2022 through 2026); it appears to be new this year.

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

Note: This entry was not in previous year budget cycles for near term project plan (i.e. FY22 budget cycle document showing 2022 through 2026); it appears to be new this year.

Previous Budget Cycle Gathered Information, FY22 Discussions: for three licenses (Joe, Russ, Thomas). Joe said he was breaking apart items into smaller categories for individual licenses; the staff is able in some cases to add some small changes (add notes, circle "things" for consultants to review) and mainly for viewing and for substantial changes they will be setting out; software (autoCAD) is already at CFD

Previous Budget Cycle Gathered Information, FY22 Discussions: licensing for CFP computers (will break down into individual licenses next year as it is easier to track)

Previous Budget Cycle Gathered Information, FY22 Discussions: This was a new item in FY22 budget; Thomas oversees the "big projects" and with these additional projects it will be easier for him to manage them. This is cloud based software (size and number of projects is the subscription based rate). RFP is going to be issued to get the software; will be able to complete felci inspections at the site and mail reports to participants; track normal project management documentation; there are options based on package/vendors (some track financials; however, Lewis' new financial software might be able to track that); would/could also track work flow and specifications
Debbie's Notes: new software package; with increase in projects there is a need for software to manager flow of information; Thomas has done demos with vendors and like this particular one; has past experience is using this particular type of product.

Previous Budget Cycle Gathered Information, FY22 Discussions: annual cost for crane inspections (gantry, mobile, lifting hoist, stationary hoist)

Previous Budget Cycle Gathered Information, FY22 Discussions: Cummins Northwest does the annual inspections; maintenance in the spring and load testing in the fall.

Previous Budget Cycle Gathered Information: replacement for some equipment primarily pressure flow level gauges; cost of one maybe two gauges (level, pressure or flow)

Previous Budget Cycle Gathered Information: Actual cost (rake trash; put into trash box; third party comes in to remove it)

Previous Budget Cycle Gathered Information: for inspections and cleaning out draft tubes; erosion under spillway 1 slab so divers look and take pictures to see how erosion is progressing; upstream divers look at the intake gates -remove sticks - take video of blockage to better gauge on how to handle removal to determine if a third party needs to be hired to remove trash and/or sediment; both the tailrace and fore bay will be inspected this year

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

Previous Budget Cycle Gathered Information: dewater and drainage pumps (four pumps total) and spare parts. spare parts are limited (also need to know where to buy something if needed)

Previous Budget Cycle Gathered Information: These are parts for various pieces of equipment that are not spelled out in other budget line items (e.g. conductor/conduit panels; breakers, etc.). These parts cover failures.

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

Previous Budget Cycle Gathered Information, FY22 Discussions: This line item is for filters (replaced every few months, by staff), valves, fan motors. BPA has questioned if the actuals reflect the requested amounts.

Not previously in budgets.

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

Previous Budget Cycle Gathered Information, FY22 Discussions: this equipment is used to measure the uplift pressure. | Debbie's notes indicate the goal is to replace existing piezometers (8); currently numbers are read in person and entered manually into SCADA whereas the new ones would connect directly to SCADA system. Current SCADA system will need to be updated to reflect the new equipment - Joe suspects this could be done concurrently with System Interface.

Previous budget cycle info: Debbie's notes - "this is a third party working on network equipment who specializes in sub tasks and covers the actual hardware/software specifically for the network itself; this is a renewal contract which CFP have indicated they would use for a few years"

MTW - Previous Budget Cycle Gathered Information

Discussions with CFP and Joe

Previous budget cycle info: CFP wants an FTE for this position which BPA has expressed that there is no justification for this need (especially without seeing the actuals). However, Debbie had a note indicating that in October 2021, there had been \$201,163 spent "on Systems Interface (folks that do the software writing/programming for the SCADA system)" [I wonder if those costs were actually just for the programming though]... "Primarily for general support; CFP does not have a programmer or technician on site to do the work so this group supplements for that missing employee for the control system and points (\$ for 2021 were underestimated)"

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

Not previously in budgets:

Previous budget cycle info: This is for maintenance, repair, and replacements (oil, gear box, etc)

Previous budget cycle info: Temporary offices are for personnel in the meantime prior to the CFP new facility. As of November 2021, the FY21 justification sheet had not been updated. Originally indicated all temporary office costs were \$200K, but the July 2021 JS sheet indicated there could be additional funds. Debbie indicated they have separated out some funds. If we had proceeded in FY22, it would have only been a partial approval. CFP needed to obtain a water permit before they could proceed with work. CFP believed they would have been able to resolve the issue/obtain a permit by fall 2021. I recommended not approving all funding for this line item until CFP has cleaned up the justification sheet and obtained approval (water permits/other approvals) to move forward.

|| Debbie's Notes (October 2021) - information on the well: "well originally set up for construction; two years after the commissioning of the Dam both the well and the septic drain field had the addition of the CFFF; then original well was compromised a few years (maybe 2007??) in that the water was not good (contained organic matter - there was not enough distance between the well and the Lake Scenewa thus the water mimics that of the Lake) so it is used as a primarily source of water for the turbine shaft seals; the current well supplies water to the Dam and CFFF - but flow at about 12 gallons per minute (max) and could be over capacity if the temp office is added to the system so the County said no to using the well (# of people did not change; however there is a potential for the # of people to change); Joe indicated all other environmental issues (clearing land, water run off, septic system) are all fine; this fall a contractor will be hired to find a new well - hopefully near the warehouse"

This item was planned (not discussed yet though) for FY23 in previous budget cycles.

Previous Budget Cycle Info: In FY21, this line item was only in FY22 for \$30K. During the FY22 budget cycle, another entry was added for FY23 for an additional \$30K. There are two sets of these turbine shaft seals. || Based on discussions with CFP: 12 segment ring. The original manufacturer was Hitachi. In 2008/2009 a quote from Hitachi was received for \$70 - 80K. Machinest Inc were used to reengineer the seal set - CFP reported the composite one is okay; however the carbon one seal is not - more brittle so they are remaking them; not having a good set of these seals will/could scour the shaft on the turbine and may be scour the shaft itself (item prevents water from entering). CFP staff does not look at the seals necessarily during each annual outage. || Debbie's notes: CFP has not tracked use/wear to confirm if the seals wear out sooner than expected (compared to length of "normal" use). Hitachi seals do not necessarily last much longer (maybe a year or two) longer than the reengineered ones) - Machinest Inc do not last as long and are 1/3 the cost

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

In FY17, this project was estimated at \$200K.

Need to update JS.

BPA was supportive. Check FY22 JS.

BPA was supportive. Check FY22 JS.

BPA has already approved. Check FY22 JS.

No previous JS; CFP needs to provide.

??? Did CFP proceed forward without authorization. Why does this need to be completed now? Does BPA really want to pay for their new facility? If so, need residual cost info.

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

Previous budget cycle info: intention was this to be normal annual maintenance and equipment

Previous budget cycle info: This is a task order for McMillen Jacobs (CFP provided a draft copy of IO 15-09 (3-27-17))

See note for "rope access gear" (line 276).

Previous budget cycle info: yearly requirement; 2x yearly to survey monoliths checking for movement; CFP's dam safety engineer recommends a twice yearly (summer and fall) vice the once a year CFP use to co (summer)

Previous budget cycle info: operators and to some extent Joe, Russell, and Thomas are entitled to the fire retardant clothing

Previous budget cycle info: Debbie Note - "operator's phone use at their residence (phone line and computer connection); laptop provided by CFP and only to be used for SCADA
note: operators hard line, cell phone and radio costs are paid by the CFP"

Previous budget cycle info: CFP has indicated there is a difference between this and fall protection equipment (line 268) in previous budget cycles.

There have been several previous sedimentation studies and reports (FY18 \$118K, FY21 1D Transport study \$100K). We had questioned whether this was part of the 1D sedimentation study. From my notes, these were separate. However, should ensure that is the case.

Previous budget cycle info: A security assessment has been completed. Indicated several risks and suggestions for improvement: electric vehicle gate, more cameras, motion detectors, intrusion alert, fencing - (physical security). These types of upgrades are expected (need for security improvements across the FCRPS). Also, expected that BPA cannot obtain copy of report (security concerns). There should be scope for what the \$50K will be used for? CFP should be able to present some of the projects this funding would go towards. | Debbie's notes - "the \$50K is going to be based on the security assessment and its results (maybe alternate site #2 because that is by the dam gate is unlocked during day no camera) Joe has indicated he will remove camera's from the CCC take out site (camera's could be used elsewhere) note: I sat in on the outbrief on the Security Assment on October 12 - most had to do with fencing, lighting, creating documents, what could/should be done concerning access (security assessment is considered CCIS and will not be shared with BPA - but it can be read at Lewis office)"

Previous budget cycle info: Primarily maintenance (painting, gutters, doors, roofing) at the campground restrooms, kiosk, small warehouse/shop.

MTW - Previous Budget Cycle Gathered Information
Discussions with CFP and Joe

Previous budget cycle info: CFP can look at data to make sure web site and numbers are accurate. If there is an issue there is an avenue for the CFP to have access to information.

Previous budget cycle info: no public phone currently available. This is a telephone the host and CFP can use and will provide another communications service for campers

Previous budget cycle info: One leg of power feed has failed. This work will consist of direct burial -- dig up replace to include buried feeds and likely upgrade for larger RVs (currently not able to accommodate). 10 or 11 sites. O&M plus an improvement

Previous budget cycle info: This is dependent on how many campers there are in a season. || Debbie's note - This is campground/day use (paid to the District). As of October 2021, \$9,213.35 currently spent in OY 2021. Note: there is no "Electric Utilities" for the Dam (other than the Secondary feed)

Previous budget cycle info: irrigation systems; fertilizer

Previous budget cycle info: non wildlife areas; Lewis staffer

Not previously in budgets.



BPA Question

Is this Tacoma's responsibility?

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

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

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

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

BPA Question

Why does this need to be purchased now?

Why does this need to be purchased now?

Is this based on number of people attending or a membership fee for the organization?

Need more explanation of recurring costs.

Is this contracted?

Please explain why this is needed in FY23

Please provide current LRP for BPA review and justification for necessity of peripuitary costs.

BPA Question

Please provide reasoning for the bridge inspection for FY23. Is it on a cyclic schedule that is best: engineering practice or requirement?

Are these costs shared with Lewis

Are these costs shared with Lewis

Are these costs shared with Lewis

Do you need these services annually?

Is this repair of instrumentation?

Is this repair of the debris box?

Do you have annual diving needs or is this a retainer?

Is this repair or addition of a new sensor?

Why does this need to happen now?

Is this a contract or budget for repairs?

Are these spare parts?

Please explain this more

Please explain the urgency on this item.

BPA Question

What is this for?

Is this a replacement?

Is this a replacement?

Is this a contract service?

Why the increase?

Why wasn't this included in '22? Should have?

Are these costs the support contract for the software? What is difference between construction software?

Is this a contracted service?

Prior rock scaling was estimated to be good for 6-7 years. Please provide reasoning this costexpenditure is required in FY23

Is this sensor new or replacing a broken one?

Need more detail as for this line item.

BPA Question

What is the driver for the \$80k increase from FY22

Why? Are there tests showing an emergent need?

Why this year?

Are these inspections or budgeted maintenance?

What are these offices for? Why the large charge in FY23 and assuming that they will be leased?

Why the large increase?

Please explain this more.

Why the need now?

Are these leaking and is one year unit 1 and this year unit 2?

BPA Question

Updated JS required.

Updated JS required.

Updated JS required
Updated JS required

Updated JS required

BPA Question

Updated JS required

Updated JS required

JS required

JS required

JS required

Why the increase?

Why the increase?

BPA Question

Why the increase?

Why the increase?

What is the method or procurement and how much is typically spent annually?

Why the yearly variation?

Is this contracted?

Is this contracted or for purchasing? How much has been spent annually in the past?

Is this to purchase the gear and what is annual expenditure?

What is this for?

Why has cost doubled from FY22?

Is this contracted?

Is this contracted?

BPA Question

Are these services or just recurring support fees?

Was this work completed in '22?

Is this for maintenance or a contract?

Was this work completed in '22?

Why the increase?

Is this a contract or labor?

Why the large increase from '22?

Is this both material and labor?

What is the difference between this and Contract Septic, line304?

Are these costs based on estimates?

Went from \$60k to \$135K - need to reduce and spread out

BPA Question

Why has this increased?

what is this work, building a new workshop?

Why is this a recurring training? Do requirements or skills change so often?

Why is this a recurring training? Do requirements or skills change so often?

Lewis Response

In BIOP, needed to build an adult fish release site. Conjunction with US Forest Service, and Tacoma. Is havin operational issues. Have a split cost with Tacoma, have responsibility to pay. Sometimes cost share is 50/50, this is rough and a placeholder.

Use existing flood draw down, extend it for a few days to do sediment removal. This is contingency if drawdown doesn't happen. BIOP mitigation, plant 25k rainbow trout in day use fishing pond and reservoir.

Did receive grant funding from lower columbia fish recovery. Put these in as placeholders, uncertain of costs to the district.

Lewis Response

Need to get the new program setup and then run annually. Did not agree to final method last year with BPA. Need to kickstart for FY24.

Lewis Response

Dam is series of bridges and sections. Never has been looked at. need to determine frequency of bridge inspections etc. No kown issues, but want to check. Wasn't designed with concrete movement consideration. Have done local repair, but need deeper view.

Lewis Response

Have not selected a system yet, have reviewed them and looking to adopt smaller scale system.

Prices have increased, didn't complete the full scope, will be on a 5 year cycle. Need to split some costs with Tacoma as it's their responsibility.

District resource, as needed, based on actuals, do metering stuff. Should be included in labor. Late minute addition and should in the future be included with labor.

Lewis Response

No actuals yet, do not have programmer on staff, need to contract it, Chris Roden wanted to use this number initially and see what actuals are later...FY22 actuals needed, not sure what costs will be.

Waiting on permit, need to continuously monitor well water. Will update tank. New temporary offices cannot be supported by existing well. FY23 includes boat and offices. Needed to add office space that isn't in the dam.

Lewis Response

Redacted content (yellow bars)

Lewis Response

A large rectangular area containing horizontal lines, resembling a document page with redacted sections. Three horizontal yellow bars are present, indicating redacted content.

Lewis Response

Additional follow up:

BPA needs to understand the drivers, need and priority. Has any regulatory body say that it is currently deficient? What are the impacts and consequences to leave as is or defer? What agreements or MOUs are in place with Tacoma regarding this issue? Does this actually qualify as maintenance under the agreement with Tacoma?

What is the criteria for when this needs to be done? What monitoring shows when this needs to be performed? LCPUD has \$350k in reserves. This seems to be an ideal use if draw down happens.

Additional follow up:

What is the deliverable for the \$35,000? Was this based on vendor quote for service?

Additional follow up:

Needs JS sheet.

Additional follow up:

BPA needs updated bid for firm estimate on cost.

What drove the need for this if new? If district is now taking over existing work, should this reduce cost in other areas of the maintenance?

Additional follow up:

Handwritten notes on lined paper, including several redacted sections (yellow bars).



Account	Account Description	Actual								
		10/31/2020	11/30/2020	12/31/2020	1/31/2021	2/29/2021	3/31/2021	4/30/2021	5/31/2021	6/30/2021
Project Reimbursement / Revenue										
Project Reimbursement										
REV										
2-00-456-200	CF - BPA O&M ADVANCES	(398,510)	(398,510)	(463,508)	(420,176)	(420,176)	(420,176)	(971,664)	(498,960)	(498,960)
Project Revenue										
REV										
2-00-417-000	CF - CAMPGROUND RENTAL INCOME	(1,686)	(3,613)	(3,896)	(7,893)	(6,314)	(11,843)	(12,727)	(17,395)	(16,923)
2-00-417-010	CF - CAMPGROUND REVENUES SUBJECT TO SALES TAX									(1,805)
2-00-417-100	CF - CAMPGROUND MERCHANT SERVICE FEES	21	70	95	77	363	199	1,029	1,929	1,466
2-00-419-000	CF - INTEREST INCOME	(313)	(283)	(324)	(317)	(290)	(323)	(305)	(338)	(335)
2-00-456-300	CF - MISC REVENUES				(4,514)					
2-00-108-400	CF - SALES OF VEHICLES									(3,850)
Project Reimbursement / Revenue Total		(400,488)	(402,336)	(467,633)	(432,823)	(426,418)	(432,143)	(983,668)	(514,765)	(520,407)
Admin & General										
General										
Special O&M										
2-00-184-012	CF - EQUIP - TRANSPORTATION EXP		1,002	1,766		1,599	992	928	660	4,406
2-08-921-000	CF - OFFICE SUPPLIES AND EXPENSES	28	543	2,520		262	363	821	1,206	1,630
2-09-921-000	CF - A&G EXHIBIT F									
2-08-923-000	CF - PROFESSIONAL SERVICES	824	6,935	41,106	824	15,154	3,330	25,974	12,513	28,067
2-08-924-000	CF - PROPERTY INSURANCE			25,811	20,765			170,534		1,679
2-08-928-000	CF - FERC PERMIT						16,396		40,341	
2-09-539-002	SPCF - MISC. EXPENSES NON LABOR	0	0	0	495	0	0	792	0	869
2-09-542-002	SPCF - STRUCTURES NON LABOR			378		233			147	
Training										
Special O&M										
2-00-925-102	CF - HEALTH, WELFARE, SAFETY - NON LABOR								992	
2-09-921-002	SPCF - TRAVEL & TRAINING	75		18,889	36	3,548	14,908	18,321	4,002	13,848
Admin & General Total		927	8,479	90,471	22,120	20,797	35,989	217,370	59,861	50,500

4/22/2022

Account	Account Description	Actual								
		10/31/2020	11/30/2020	12/31/2020	1/31/2021	2/29/2021	3/31/2021	4/30/2021	5/31/2021	6/30/2021
Labor										
Wage, Benefits, & Taxes										
O&M										
2-00-408-500	CF - TAXES - EMPLOYER (FICA, MEDICARE, OASI)	4,164	6,528	6,506	6,512	6,270	6,544	9,806	7,340	7,228
Special O&M										
2-00-242-200	CF - MISC LIABILITY EMPLOYEE VAC									
2-00-926-000	CF - EMPLOYEE PENSION AND BENEFITS					180				
2-00-926-100	CF - RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	1,578		977	1,104	774	808	1,363	283	1,700
2-00-926-110	CF - ACTIVE EMP MED INS - PREMIUMS & CLAIMS	19,671	3,615	50,351	22,240	15,997	45,771	25,827	44,943	51,183
2-00-926-140	FLU SHOT CLINICS			112						
2-00-926-200	CF - PERS - EMPLOYER	5,386	10,430	10,048	10,255	10,088	10,644	16,365	11,792	11,652
2-00-926-300	CF - TERM INSURANCE - EMPLOYER	84		151	76	76	84	84		168
2-00-926-310	CF - LONG TERM DISABILITY INSURANCE - EMPLOYER	224		399	199	199	222	222		443
2-00-926-400	CF - W-C1 & W-C6 - EMPLOYER (INDUSTRIAL INS)			2,637				2,764		4,842
2-00-926-500	CF - WASHINGTON PAID FAMILY MEDICAL LEAVE	85	123	105	129	124	128	194	145	143
2-00-926-600	CF - VEBA CASHOUT	2,095								
2-00-926-700	CF - SHORT TERM DISABILITY (EMPLOYER)	2,436	4,141	4,628	4,385	4,628	3,410			
2-00-926-710	CF - SICK LEAVE BANK	1,740	44							
2-00-926-800	CF - VEBA EMPLOYER CONTRIBUTIONS	415	825	775	790	778	821	1,262	909	898
2-00-926-999	CF SALARIES	82,021	82,361	78,863	83,343	78,101	81,392	133,188	99,310	102,210
2-00-926-999	ES SALARIES	67,220	44,265	50,631	48,170	52,952	59,829	87,050	56,658	53,326
Labor Total		187,119	152,332	206,183	177,204	170,166	209,653	278,126	221,380	233,794

4/22/2022

Account	Account Description	Actual								
		10/31/2020	11/30/2020	12/31/2020	1/31/2021	2/29/2021	3/31/2021	4/30/2021	5/31/2021	6/30/2021
Operating Expenses										
Fish & Wildlife										
O&M										
2-08-537-010	CF - CFP FISH & WILDLIFE		15	735	(634)	0	2,268		364	1,505
General										
O&M										
2-08-537-060	CF - ENDANGERED SPECIES ACT REQUIREMENTS							57		
2-08-539-000	CF - MISC EXPENSES	2,232	62,796	30,853		3,712	5,753	5,276	8,767	11,621
2-08-544-000	CF - MAINT OF ELECTRIC PLANT - HYDRAULIC	10,354	1,265	10,921		20,462	5,104	1,047	809	6,408
2-08-545-000	CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA	802	3,199	71,730	115	20,919	7,670	18,509	6,938	17,744
Operating Expenses										
O&M										
2-08-535-002	CF - OPERATION, SUPERVSN, ENG. - HYDR (NON LABOR)							2,551		
2-08-543-000	CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS	4,165	16,023	5,008	4,301	861	23,028	(1,335)	1,582	27,772
CF20-128	DEBRIS BARRIER COATING & CATHODIC PROTECTION			47,708		11,589		3,414		6,541
Recreation										
O&M										
2-08-537-020	CF - RECREATION	1,748	2,384	6,246	1,690	3,467	3,249	5,739	3,939	5,063
2-08-545-020	CF - MAINT OF CAMPGROUNDS	6	962	6,598	0	590	459	1,258	3,376	5,607
Transmission										
O&M										
2-08-571-002	CF - MAINT OF OVERHEAD LINES - TRANSMISSION									31,629
Operating Expenses Total		19,307	86,643	179,799	5,472	61,600	47,531	36,517	25,776	113,889

4/22/2022

Account	Account Description	Actual								
		10/31/2020	11/30/2020	12/31/2020	1/31/2021	2/29/2021	3/31/2021	4/30/2021	5/31/2021	6/30/2021
OR&R										
Fish & Wildlife										
OR&R										
CF21-O-154	ALTERNATIVE FISHING DERBY SITE DEVELOPMENT									
2-00-330-010	CF - LAND & LAND RIGHTS - HYDRAULIC, CWIP			58,177					611	
General										
OR&R										
CF16-099	REPLACEMENT OF PROJECT SCADA	293	6,317	111,935		122		17,311	26,276	(41,297)
CF17-104	5-TON BRIDGE CRANE (2021 CONTESTED)			1,687						
CF21-O-156	NEW FACILITY - ANALYSIS/DESIGN/SITE TESTING			10,530		2,445	1,080			1,809
CF21-O-157	SPILLWAY HANDRAIL & GUARDRAIL									12,240
CF21-O-158	SLUICE GATE REPLACEMENT - CFD & PHYSICAL MODEL DESIGN									
CF21-O-159	SONAR & TURBIDITY SENSORS									
CF21-O-160	SPILLWAY 4 RAIL EXTENSION - ALTERNATIVE ANALYSIS						6,330			17,250
2-00-392-012	CF - TRANSPORTATION EQUIPMENT - GENERAL CWIP			62,733						
Recreation										
OR&R										
CF21-O-147	COPPER CREEK TAKEOUT SITE PARKING									
OR&R Total		293	6,317	245,062	0	2,566	7,410	17,311	26,887	(9,998)
Taxes										
Taxes										
O&M										
2-08-539-000	ECOLOGY WATER TAX						5,872			
2-00-408-300	CF - TAXES - BUSINESS & SALES	20		(78)		46	86		142	88
2-08-921-000	COUNTY TAXES						532	18		
Taxes - Privilege										
2-00-408-200	CF - TAXES - PRIVILEGE					52,141				
Taxes Total		20	0	(78)	0	52,187	6,489	18	142	88
Expense Total		207,668	253,771	721,437	204,795	307,317	307,072	549,342	334,045	388,273
Net Total		(192,820)	(148,565)	253,804	(228,028)	(119,101)	(125,071)	(434,326)	(180,719)	(132,133)

4/22/2022

Status	FY23 Budget Items	BPA Question
	Grand Total	\$ 22,731,970
	O&M	\$ 2,515,110
	Fish & Wildlife	\$ 238,740
1	American Fisheries Society (AFS) Membership	\$ 110
4	CISPUS ADULT FISH SITE RELEASE ANALYSIS	\$ 75,000
	Creel Study	
	FSA BOp Studies	
1	Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000
	Fish Gate Position Indicators	
4	Fishing Pond Sediment Removal	\$ 30,000
1	Habitat & Fish Recovery Services (WDFW)	\$ 10,000
1	Habitat Management; Fertilizer, Spraying, Plants	\$ 9,000
2	Kid's Trout Derby	\$ 5,600
1	Mitigation Trout Program	\$ 47,000
4	Noxious Weed Control Contractor	\$ 9,300
	TPU Rearing Facilities Studies	
1	USGS Gauging Station Fees	\$ 42,640
1	Wildlife Society Membership	\$ 90
	Maintenance	\$ 1,333,900
	ARC FLASH STUDY	
	Automatic Transfer Switch Grouting	
	AVR Testing	
4	Bridge Sections Inspection & Analysis	\$ 106,000
1	Buffer Zone Management	\$ 3,200
2	CAD Software Licensing	\$ 6,000
2	Computer Software	\$ 2,000
4	Construction Management Software	\$ 7,600
1	Contract Crane Inspections	\$ 14,000
1	Contract Diesel Generator Maintenance	\$ 12,000
2	Contract Drafting Services	\$ 50,000
1	Contract Maintenance Elevator	\$ 18,500
	Control Room / Office Area Repairs - Construction	
	Control Room / Office Area Repairs - Design	
	Control Room Paperless Recorders	
4	Dam Instrumentation	\$ 3,000
	Debris Barrier - Maintenance	\$ -
1	Debris Removal - Trash Rake Debris Box	\$ 6,200
	Diesel Generator Connection to Spillway Gates 2 & 3	
	Diesel Generator Load Bank	
1	Diving Services	\$ 16,500

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

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

Please provide reasoning for the bridge inspection for FY23. Is it on a cyclic schedule that is best engineering practice or requirement?

Are these costs shared with Lewis

Are these costs shared with Lewis

Are these costs shared with Lewis

Is this repair of instrumentation?

Is this repair of the debris box?

Do you have annual diving needs or is this a retainer?

Status	FY23 Budget Items		BPA Question
	Drainage Pump		
	Drainage Pump Handrail		
4	Drainage Sump Level Indication	\$ 3,500	Is this repair or addition of a new sensor?
4	Drainage Sump Study	\$ 48,000	Why does this need to happen now?
4	Drainage System	\$ 3,000	
4	Electrical Parts	\$ 14,400	Are these spare parts?
4	Equipment Rental	\$ 17,000	
1	Equipment Watch Annual Fee	\$ 2,500	
	FERC Part 12 Recommendations		
	Forebay and Tailrace Level Sensor Replacement		
1	Fuel - Diesel Generator	\$ 1,500	
1	Gantry Crane Jib Hoist Load Cell	\$ 15,000	
2	Generator Bus Boots	\$ 8,000	
1	Generator Oil Mist Piping	\$ 3,000	
	Generator Parameter Validation Testing		
1	Governor	\$ 4,000	What is this for?
	Governor and Turbine Oil Replacement		
1	Governor Jockey Pump	\$ 4,000	Is this a replacement?
4	Governor Oil Sump Level Indication	\$ 5,000	Is this a replacement?
	GSU Transformer #1 Metering CT Replacement		
	GSU Transformer Maintenance		
	GSU Transformer Oil Processing & Testing		
	GSU Transformer Testing		
2	HVAC	\$ 3,500	
	Inspect Ustream Coating Spillway Gate 4		
4	Instrumentation Parts	\$ 10,000	Why the increase?
	Investigate Draft Tube Liner Issues		
1	MAINTENANCE - LOG BRONC	\$ 1,000	
4	Maintenance - Unanticipated Dam Repairs	\$ 10,000	Why wasn't this included in '22? Should have?
2	Maintenance Management System	\$ 15,000	Are these costs the support contract for the software? What is difference between construction software?
4	Maintenance Supplies for Electric Plant	\$ 5,400	
4	Mechanical & Piping	\$ 10,000	
4	Mechanical Parts	\$ 14,000	
4	Metal	\$ 13,000	
1	Mobile Crane Maintenance	\$ 1,500	
4	North Rock Wall Scaling	\$ 150,000	Prior rock scaling was estimated to be good for 6-7 years. Please provide reasoning this cost expenditure is required in FY23

Status	FY23 Budget Items		BPA Question
4	Oil Bearing Level Sensors - Unit 1	\$ 24,000	Is this sensor new or replacing a broken one?
	Oil Bearing Level Sensors - Unit 2		
4	Oil Storage Tank Level Sensors	\$ 6,000	
1	Painting & Special Coatings	\$ 3,200	
2	Piezometer Pressure Transmitters	\$ 18,000	
1	Plant Lighting	\$ 1,000	
1	Plant Water Wells & Testing	\$ 1,200	
1	Protection & Control Support	\$ 8,000	Need more detail as for this line item.
	Protective Relay Testing		
	Recoat Top Deck Above Control Room		
	Repair Elevator Shaft Exterior		
	Repair Stairwell Interior		
	Rotor Braided Jumpers		
1	Safety Equipment - Non PPE	\$ 5,000	
	Sandblast and Coat Draft Tube Platform Brackets		
1	SCADA Network Support	\$ 10,700	
4	SCADA Support	\$ 200,000	What is the driver for the \$80k increase from FY22
	Seismic Study		
	Septic System Maintenance - Dam		
1	Service Air Compressor	\$ 1,000	
	Service Water System Design		
1	Service Water System Rehabilitation	\$ 45,000	Why? Are there tests showing a emergent need?
1	Sluice Gate Bulkhead Seals - Replacement	\$ 2,500	
	S MAG Power Connection & Cable		
1	Smoke Detectors & Fire Water Systems	\$ 3,000	
	Spillway Gate 4 Bottom Seal Repair		
4	Spillway Gate Finite Element Analysis	\$ 90,000	Why this year?
1	Spillway Gates	\$ 5,000	
	Steel Structures & Equipment Coating		
	Structure Maintenance; Concrete, Fencing	\$ -	
2	Temporary Offices	\$ 230,000	What are these offices for? Why the large charge in FY23 and assuming that they will be leased?
1	Tools & Equipment - Operations	\$ 22,000	Why the large increase?
1	Transformer Oil Processing & Testing	\$ 1,000	
	Trunnion Friction Testing		
1	Turbidity Sensor Communication	\$ 1,000	
4	Turbine Oil Level Indication	\$ 15,000	Why the need now?
1	Turbine Shaft Seals	\$ 30,000	Are these leaking and is one year unit 1 and this year unit 2?
	Unit 1 Major Inspection& Cleaning		
	Unit 1 Turbine Hub & Discharge Ring Recoating		
	Unit 2 Major Inspection & Clearing		
	Unit 2 Turbine Hub & Discharge Ring Recoating		
	Unit Control Board Meter Replacement		
	Unit Turbine Gage Board Inputs into SCADA - Design		
2	Upper Guide Bearing Oil Sample Ports	\$ 4,000	
	Warehouse Repairs		
	Operations	\$ 262,600	
	1D Sediment Transport Study		

Status	FY23 Budget Items	BPA Question
2	Advertising - Dam	\$ 1,200
1	CFP Cell Phones	\$ 8,400 Why the increase?
1	CFP Telephones	\$ 10,800 Why the increase?
1	CFP Vehicle Verizon Connect	\$ 2,300 Why the increase?
1	COMMUNICATIONS - RADIOS, ETC	\$ 8,100
1	Communications Fiber - User Fee	\$ 48,500
1	Computer & Supplies	\$ 6,000 Why the increase?
1	Dam Safety Consultant	\$ 64,000
1	Electric Utilities - Secondary Power Feed	\$ 11,800
1	Fall Protection Equipment	\$ 6,000
1	FERC Dam Movement Survey	\$ 8,800
1	FR Clothing - CFP	\$ 9,500
1	GARBAGE SERVICE - OPERATIONS	\$ 2,400
1	Operator Remote SCADA Communications	\$ 9,000
1	Operator Supplies - Dam	\$ 1,500
	Portable Restrooms - Dam	
1	Respirator Fit Testing	\$ 1,500
1	Rope Access Gear	\$ 4,500
1	Security/Plant Locks	\$ 300
4	Secimentation Report	\$ 50,000 What is this for?
	Secimentation Report Annual Updates	\$ -
1	Secimentation Survey	\$ 5,800
	Shelving & Furniture	
2	Subscriptions, Prints, Copies and Maps	\$ 2,200
	Recreation	\$ 306,760
1	Advertising	\$ 3,600
1	Boat Launch Sediment Removal	\$ 5,000
1	Building Maintenance	\$ 3,200
	Campground Fire Pits Graveling	
4	Shelving & Furniture	\$ 125,000 What is the actual need, seems high. Is this for all of the temporary offices?
1	Campground Internet	\$ 3,200
1	Campground Reservation Software	\$ 5,200
4	Campground Restroom Improvements	Was this work completed in '22?
1	Campground Telephone	\$ 1,500
1	Campground Wood Chips	\$ 500
1	Contract Septic and Water Services	\$ 27,000
	Contract Services (Backhoe, Gravel)	\$ -
1	Contract Services (Dock Installation and Removal)	\$ 2,700
4	D Loop Electrical Dsign & Feed Replacements	Was this work completed in '22?
1	Electric Utilities	\$ 11,500 Why the increase?
1	EQUIPMENT REPAIRS - PARK	\$ 3,500
1	GARBAGE SERVICE - RECREATION	\$ 6,600
1	Group B Annual Operating Fee - Falls Road Well	\$ 60
1	MAINTENANCE - GROUND	\$ 3,400
1	MAINTENANCE - SEWER & WATER SYSTEM	\$ 6,400
4	Noxious Weed Control	\$ 6,000 What is this for with the new plan to train existing employees? Is this for material?
1	Operation Supplies	\$ 2,200
1	Port Blakely Road Access Agreement	\$ 30,000
1	Port Blakely Road Maintenance	\$ 13,500
2	Portable Restrooms	\$ 13,000
1	Portable Water and Septic System Testing	\$ 2,200
4	Recreation Assessment	
1	Recreation Tree Removal	\$ 10,000
1	Repairs & Supplies	\$ 10,000

Status	FY23 Budget Items		BPA Question
1	Septic System Maintenance - Recreation	\$ 6,000	
1	Sign Replacements	\$ 2,500	
1	Tools & Equipment - Recreation	\$ 3,000	
	Taxes	\$ 65,100	
1	County Taxes	\$ 700	
1	Ecology Water Tax	\$ 7,500	
1	Privilege Tax	\$ 56,900	
	Training & Travel	\$ 109,110	
2	American Fisheries Society Meeting	\$ 1,500	
2	American Governor Analog Gov Training	\$ 8,500	
2	American Governor School	\$ 8,000	
2	ASDSO Conference	\$ 2,500	
2	AVO Circuit Breaker Maintenance		
2	AVO Electrical Series	\$ 4,350	
2	AVO Substation Maintenance I	\$ 5,000	
2	AVO Thermography I	\$ 5,000	
	AVO Thermography II		
2	CEATI - ANNUAL MEETING	\$ 10,500	Why has this increased?
2	CEATI - ASSET Management Meeting	\$ 1,800	
2	CEATI - DSIG MEETING	\$ 4,400	
2	CEATI - HPEIG MEETING	\$ 4,400	
	CEATI - HPLIG MEETING		
	EPTC Fundamentals of Electricity		
	EPTC Generation Series		
2	EPTC Power Plant Operation	\$ 7,000	
2	EPTC Relay Protection	\$ 3,500	
2	EPTC Switching & Grounding	\$ 7,000	
2	EPTC System Operations Personal Grounding	\$ 1,260	
2	EPTC Transmission Series	\$ 3,600	
2	HSI Online Training	\$ 800	
2	HydroVision	\$ 3,000	
2	NW Hydro Forum	\$ 1,600	
2	NWHA - ANNUAL MEETING	\$ 800	
2	NWHA - WORKSHOP	\$ 2,000	
2	NWPPA - LEADERSHIP TRAINING	\$ 3,400	
	OPERATOR TRAINING DEVELOPMENT 2022		
2	TPC - ELECTRICAL WORKSHOP	\$ 6,000	
2	TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING	\$ 2,400	
2	TRAINING - CRANE	\$ 4,000	
	TRAINING - MANLIFT/FORKLIFT		
2	TRAINING - PESTICIDE APPLICATION	\$ 1,600	
2	TRAINING - WATER & WASTEWATER	\$ 1,200	
2	Wildlife Classes	\$ 4,000	
	Transmission	\$ 62,000	
1	ROW Maintenance	\$ 60,000	
1	Transmission Line Corridor Planting	\$ 2,000	
	Wage, Benefits, & Taxes	\$ 137,900	
1	OT Taxes	\$ 4,500	
1	Social Security Medicare	\$ 133,400	
1	Social Security Medicare - F&W Tech	\$ -	
	Special O&M	\$ 5,121,950	
	General	\$ 1,117,760	
2	A&G Exhibit F	\$ 382,800	
2	ASDSO - Government Membership	\$ 60	
1	Auditing - Accountability	\$ 2,350	

Status	FY23 Budget Items	BPA Question
1	Auditing - Financial	\$ 19,450
	Budget Facilitator	
4	CEATI - MEMBERSHIP	\$ 65,300
2	CEATI - PROJECTS	\$ 15,000
1	Compliance Consultant	\$ 65,000
4	Document Management Software	\$ 30,000
2	Document Scanning	\$ 5,000
1	FERC Annual Fee	\$ 103,000
1	Fire District Payment	\$ 20,000
4	Infrastructure Grant Proposal (HDR)	\$ 50,000
1	INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS	\$ 7,500
1	INSURANCE - EXCESS LIABILITY	\$ 26,000
1	INSURANCE - LIABILITY	\$ 11,000
1	INSURANCE - PROPERTY	\$ 210,000
1	LEGAL SERVICES - BIOP & FERC ISSUES	\$ 25,000
1	LEGAL SERVICES - GENERAL ISSUES	\$ 20,000
2	Long Range Plan Analysis	\$ 35,000 Please provide current LRP for BPA review and justification for necessity of perputary costs.
2	NWHA Membership	\$ 1,000
1	OFFICE SUPPLIES AND EXPENSES	\$ 9,300
2	Records Clean Up	\$ 15,000
	Operations	\$ 57,300
1	CF Vehicle and Equipment Fuel	\$ 31,200 Why has cost doubled from FY22?
1	CF Vehicle Maintenance	\$ 15,000
1	CONSUMABLE SUPPLIES - FIRST AID	\$ 3,200
1	CONSUMABLE SUPPLIES - JANITORIAL	\$ 1,300
1	CONSUMABLE SUPPLIES - SAFETY & PPE	\$ 6,600
	Training and Travel	\$ 26,800
1	ARC FLASH TRAINING	\$ 3,000
2	NWPPA - ADMIN ASST TRAINING	\$ 2,400
2	TRAINING - COMPUTER	\$ 800
1	Training - Confined Space	\$ 8,000
	TRAINING - FALL PROTECTION	
1	TRAINING - ROPE ACCESS	\$ 8,000
2	WPUDA - ADMIN ROUNDTABLE	\$ 600
2	WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING	\$ 4,000
	Wage, Benefits, & Taxes	\$ 3,920,100
1	Employee Medical Insurance	\$ 510,800
	Employee Medical Insurance - F&W Tech	\$ -
1	Employer PERS	\$ 175,600
	Employer PERS F&W Tech	\$ -
1	ES Support Overhead	\$ 527,200
	ES Support Overhead - IS/IT	\$ -
	ES Support Overhead - Purchasing	\$ -
1	ES Support Wages	\$ 754,700
	ES Support Wages - IS/IT	\$ -
	ES Support Wages - Purchasing	\$ -
1	Flu Shot Clinics	\$ 400
1	L&I Employer	\$ 27,500
	L&I Employer: F&W Tech	\$ -
1	Long Term Disability	\$ 4,600
1	Long Term Disability - F&W Tech	\$ -

Status	FY23 Budget Items	BPA Question
1	Misc Pension & Benefits, CDL, Medical Exam, etc	\$ 5,000
	Misc Pension & Benefits, CDL, Medical Exam, etc - F&W Tech	\$ -
1	OT Benefits	\$ 7,400
1	OT Wages	\$ 59,100
1	Paid Family Leave Benefit	\$ 3,400
	Paid Family Leave Benefit - F&W Tech	\$ -
1	PCORI ACA Requirement	\$ 100
1	PL Cash Out	\$ 5,000
1	PL to VEBA Cash Out	\$ 16,000
1	Retiree/COBRA Med Ins - Premiums & Claims	\$ 20,000
1	Short Term Disability	\$ 2,000
	Short Term Disability - F&W Tech	\$ -
1	Standby Pay	\$ 39,500
1	Term Insurance Benefit	\$ 1,200
	Term Insurance Benefit - F&W Tech	\$ -
1	VEBA Benefit	\$ 16,900
	VEBA Benefit - F&W Tech	\$ -
2	Wages	\$ 1,743,700
	Wages - F&W Tech	\$ -
	OR&R	\$ 15,093,900
	Fish & Wildlife	\$ 955,000
	[CHAP] Comprehensive Habitat Action Plan - Wildlife Evaluation	
	Alternative Fishing Derby Site Development - Construction	
	Alternative Fishing Derby Site Development - Design	
3	Kiona Creek Enhancement	\$ 120,000 Need additional information for this project and associated costs and justification in a justification sheet.
	Man-Made Island Canal - Construction	
4	Man-Made Island Canal - Design	\$ 50,000
	Wildlife Meadows Unit #5	
4	Wildlife Mitigation Land	\$ 785,000 Under legal review. BPA cannot support finding at this time.
	Fleet	\$ 90,000
	Mower	
2	RT Fork Lift	\$ 85,000 Why does this need to be purchased now?
	Side By Side	
4	Truck Box Crane	\$ 5,000 Why does this need to be purchased now?
	Vehicle	
	Vehicle for Replacement	
	Vehicle for Rescure Worker	
	Maintenance	\$ 13,723,900
4	5-Ton Bridge Crane	\$ 865,000 Updated JS required. What is the scope.
4	Battery Bank Replacement	\$ 80,000 What is current condition, when was it last replaced?
4	Battery Chargers	\$ 60,000 What is current condition, when was it last replaced?
	Boat Barrier Replacement - Alternative Analysis	
1	Boat Barrier Replacement - Design	\$ 80,000

Status	FY23 Budget Items		BPA Question
4	Boat Barrier Replacement - Installation	\$ 1,800,000	Updated JS required.
4	Debris Barrier Coating & Cathodic Protection - Construction	\$ 3,680,800	How important is this? How does it rank against the boat barrier and spillway rail 4 extension?
	Debris Barrier Coating & Cathodic Protection - Design		
	Downstream Boat Ramp		
1	Downstream Notification Siren - Design	\$ 10,000	
	Downstream Notification Siren - Installation	\$ -	
4	Drainage Gallery Air Supply - Alternative Analysis	\$ 60,000	Isn't this expense?
	Drainage Gallery Air Supply - Design		
	Drainage Gallery Air Supply - Installation		
	Drainage Sump Oil Skimmer - Design		
	Drainage Sump Oil Skimmer - Installation		
4	Elevator Controls - Design	\$ 60,000	
	Elevator Controls - Installation		
	Elevator Roof Access - Design		
1	Elevator Roof Access - Installation	\$ 25,000	
	Exciter Brush Dust Vacuum System		
	Exciter Replacement - Design		
	Exciter Replacement - Phase I		
	Exciter Replacement - Phase II		
	Fire Detection System Upgrade		
	Gantry Crane Controls and Drive Upgrade - Design		
	Gantry Crane Controls and Drive Upgrade - Upgrades		
	Generator Cooling Water Refurbishment		
1	Generator Hatch Cover Seals & Drains	\$ 215,000	
4	Generator Protective Relay Replacement - Design	\$ 100,000	How old is the equipment.
	Generator Protective Relay Replacement - Installation		
1	HVAC AH-1 Replacement Office Area	\$ 50,000	
	Intake Gate Slot Cover - Alternative Analysis		
	Lathe		
	Mobile Diesel Generator & Log Bronc Cover		
	New Facility - Construction		
	New Facility - Design		
2	New Facility - Site Preparation	\$ 1,068,100	Pending permit, assume it's new/temp offices?
	Plant Auxiliary Equipment Inputs into SCADA - Design		

Status	FY23 Budget Items		BPA Question
	Plant Auxiliary Equipment Inputs into SCADA - Installation		
	Revenue Meters		
1	Roadway Gates	\$ 18,000	
	Roadway Lighting		
2	Service Water VFD & Controls Replacement	\$ 16,000	
	Sluice Gate Replacement - CFD & Physical Model Design		
	Sluice Gate Replacement - Construction 1		
	Sluice Gate Replacement - Construction 2		
	Sluice Gate Replacement - Construction 3		
	Sluice Gate Replacement - Design 1		
4	Sluice Gate Replacement - Design 2	\$ 867,700	Updated JS required
	Sonar & Turbidity Sensors		
	South Downstream Abutment Wall Handrail		
	South Well Pump		
	Spillway 1 Apron Repairs		
	Spillway 1 Apron Repairs - Alternative Analysis		
	Spillway 1 Apron Repairs - Design		
	Spillway 4 Gate Uplift Anchoring		
4	Spillway 4 Rail Extension - Construction	\$ 3,768,300	Is this an addition to capability?
	Spillway 4 Rail Extension - Design		
4	Spillway Gate Control - Alternative Analysis	\$ 50,000	Is this expense?
	Spillway Gate Control - Design		
	Spillway Gate Control - Installation		
	Spillway Gate Hoist Covers - Construction		
	Spillway Gate Hoist Covers - Design		
	Spillway Gate Structural Reinforcement		
	Spillway Handrail & Guardrail		
	Station Air Compressor Replacement		
2	Station Service cabinet Inputs into SCADA - Design	\$ 4,000	
	Station Service cabinet Inputs into SCADA - Installation		
	Station Service Circuit Breaker Replacement - Alternative Analysis		
	Station Service Circuit Breaker Replacement - Design		
	Station Service Circuit Breaker Replacement - Installation		
	Surge Arrestor Replacement		
	Tailrace Repairs & Improvements - Alternative Analysis		
	Tailrace Repairs & Improvements - Design		
	Tailrace Repairs & Improvements - Installation		
4	Transmission Line Access - Bridge Replacement	\$ 275,000	Is this expense?
	Trash Rake - Alternative Analysis		
	Trash Rake Construction		

Status	FY23 Budget Items		BPA Question
4	Trash Rake Design	\$ 191,000	Does this need to be completed this year?
	Trash Removal System - Alternative Analysis		
	Trash Removal System - Construction		
4	Trash Removal System - Design	\$ 300,000	Is this part of the trash rake design?
4	Unit Instrumentation - Alternative Analysis	\$ 45,000	The title sounds like a study or expense.
	Unit Instrumentation - Design		
	Unit Instrumentation - Installation		
4	Unit Turbine Gage Board Inputs into SCADA - Installation	\$ 35,000	
	Operations	\$ 105,000	
1	Major Office & Network Equipment	\$ 25,000	
1	Security Improvements	\$ 80,000	
	Recreation	\$ 220,000	
4	Campground & Day Use Park Paving	\$ 150,000	Are these costs based on estimates?
4	Campground A Loop Restroom - Design	\$ 60,000	Has the current restroom failed? How close to failure
	Campground A Loop Restroom - Installation		
	Campground Electrical Replcement - Design		
	Campground Electrical Replcement - Installation		
	Campground Storage Building - Design		
	Campground Storage Building - Installation		
	Copper Canyon Take Out Site Improvements		
2	Day Use Park Flat Water Kayak Take Out	\$ 10,000	

Status	FY23 Budget Items	BPA Question

Lewis Response

In BIOP, needed to build an adult fish release site. Conjunction with US Forest Service, and Tacoma. Is having operational issues. Have a split cost with Tacoma, have responsibility to pay. Sometimes cost share is 50/50, this is rough and a placeholder. No formal request to make changes, but technical committee has noted some issues with the site.

Use existing flood draw down, extend it for a few days to do sediment removal. This is contingency if drawdown doesn't happen. BIOP mitigation, plant 25k rainbow trout in day use fishing pond and reservoir. The criteria is the depth of the fishing pond in several areas affecting the effectiveness of reducing fish stranding during reservoir drawdowns and fishing for the general public, and the filling up of bottom of the fishing pond entrance/exit affecting the net. We observe the depth of the pond and additional sediment deposits.

Dam is series of bridges and sections. Never has been looked at, need to determine frequency of bridge inspections etc. No known issues, but want to check. Wasn't designed with concrete movement consideration. Have done local repair, but need deeper view.

These costs are based on Cowlitz Falls usage (the number of employees with a license). Each department will pay for the number of license they use.

These cost are based on Cowlitz Falls usage

These cost are based on Cowlitz Falls usage

Yes, these are required annual inspections

This is for disposal of the debris that is deposited in the box from raking the trash with the trash rake.

This is for cleaning the drift tube gate sill prior the annual unit maintenance, surveying the erosion of the spillway 1 apron and bulb nose between spillway 3 and 4. WE occasionally, need divers for inspecting the unit trash racks during periods of debris build up.

Lewis Response

This is for a new sensor. We currently do not have level indication in our drainage sump. We do have high level alarms.
This is to get ahead of oil containment/skimmmg/processing issues.

This is a general maintenance item for annual repairs and parts.

This is generally for replacement parts, some small construction projects, and some spare parts

This is an annual fee for access to pricing for rental and contractual fee. This is used in writing and enforcing contracts.

The 10-ton jib crane on the main gantry crane does not have a load cell. The jib crane with the 5-ton SMAG clam bucket have just a 5-ton lifting capacity. This bucket is used to lift logs out of the reservoir, some weighing substantially more than 5-tons. The load cell would add a safety component to the procedure.

The generator bus boots would cover bus connections not currently covered.

This is piping that was never completely completed from original construction. This would complete the oil mist piping from the turbine pit area.

This is annual maintenance costs for parts and material.

This is for a spare jockey pump for the governor system.

This is to add level indication for the governor oil sump.

This is for maintenance parts and some contractual services.

This is mostly for replacement of various instrumentation in the plant. There is some new instrumentation in the plant.

With the new budgeting format of individual line items, there is no general line item to include unanticipated repairs. This is a line item to include these costs.

Have not selected a system yet, have reviewed them and looking to adopt smaller scale system. Maintenance management software will include scheduling work tasks, prioritizing work tasks, and work history. Construction management software will assist project managers in managing individual projects.

The maintenance is performed by Cowlitz Falls crews. This is for parts and material.

Prices have increased, didn't complete the full scope, will be on a 5 year cycle. Need to split some costs with Tacoma as it's their responsibility. The consultant recommendation was to perform rock scaling every 3-5 years.

Lewis Response

We do not have oil bearing level sensors. This is a new sensor. Leading to oil tracking in anticipation of scrutiny. Could increase requirements in new FERC license.

We do not have oil tank level sensors. This is a new sensor.

This is to install piezometers with digital outputs into our SCADA system. This will give us more accurate and consistent piezometer readings.

District resource, as needed, based on actuals. They work on protective relays and metering. Should be included in labor. Late minute addition and should in the future be included with labor. This is additional work that was not performed before. This will greatly increase reliability and reduce unplanned outages. Will look at this more.

We are evaluating how much the annual SCADA support will cost. We do not have a programmer on staff to make modifications to the SCADA system. We will continue to refine this number in the next few weeks.

The service water control system is obsolete. Spare parts and support are no longer available. We also have seasonal occurrence where the service water system is not adequate for the plant needs. We will evaluate and upgrade the system.

This is a FERC Part 12 dam safety requirement to be completed prior to 2024.

This is for parts and material for the annual maintenance on our spillway gates.

The office are for the Cowlitz Falls workforce that does not currently have viable office space inside the dam. The office trailers will be leased. We are waiting on obtaining a building permit from the county. The county has not issued a permit for domestic water usage. We will need to perform some tests prior to approval. The site preparation and office set up is scheduled for 2023.

The cost increase is due to additional work that will be performed and tools that we do not currently have for normal maintenance work.

This is for Verizon service to provide communication to our turbidity sensors.

We do not have turbine oil level indication. This will assist us in determine if we have any oil leakage.

We have issues with wear on the turbine shaft seals. We do experience leaking. These may need replacing every 4-6 years. We like to have a set of shaft seals ready to install for each unit maintenance cycle. Set replaced recently and these costs are for a full set.

Lewis Response

This is a more accurate cost based on actuals. Actuals thru July are \$4,256, and the monthly cost is \$720.

This is a more accurate cost based on actuals. Actuals thru July are \$6,441, and the monthly cost is \$925

This is a more accurate cost based on actuals. Actuals thru July are \$1,135, and the monthly cost is \$190.

This is a more accurate cost based on actuals. Radios and mountain antennas.

This is a new account for computer and supplies that are under the capitalization threshold.

We have a professional services agreement with the consultant.

We have new employees that need to get outfitted.

Yes, this is contracted.

This is purchased through a selected vendor.

This is for staff to communicate to the SCADA system from home.

This is to cover the equipment that we use to perform the rope access and rescue tasks.

This is to satisfy the Ecology requirement for developing a sediment management plan for Cowit Falls. This will also satisfy a FERC requirement for a sediment management plan. WA DEQ requires a plan '27 requirement.

Yes, this is contracted. This clears out the boat launched after each flood season for recreational and project related boat usage.

No. This is for material for general building maintenance.

These are recurring costs for the software.

This work will be performed in fall 2022 after the campground closes.

This is for basic telephone lines at the campground. Actuals thru July are \$930, and the monthly cost is \$135.

This work will be completed in the fall of 2022 after the campground closes.

This is a more accurate cost based on actuals. Actuals thru July are \$6,736, and the monthly cost is \$963.

No. This is for material and supplies for grounds maintenance.

This was for Lewis County Noxious Weeds to assist us in controlling noxious weeds. Lewis County Noxious Weeds will no longer spray for noxious weeds on our land due to a lack of resources. We are currently looking for other options.

This is a more accurate cost based on actuals. Actuals thru July are \$4,595, and the monthly cost is \$660.

We are scheduled to perform this work in fall 2022.

No labor. This is for material and supplies.

Lewis Response

This line item is to pump out our septic system tanks and vaults. Line item 304 is for contractual services to assist us with our septic and water systems.

This is based on actuals. Actuals thru July are \$10,275 - no other costs for the rest of the year

This is for our operating training program. We train each employee to be at journeyman level as a hydro electrician, hydro mechanic, and hydro operator.

Lewis Response

This membership is based on the interest groups. Lewis is a member of the Dam Safety Interest Group, the Hydro Plant Equipment Interest Group, and the Assets Management Interest Group.

This is for the cost of the new District document management software that will be purchased in 2023. This is a recurring cost.

Yes, this is the fee for having Cowlitz Falls document scanned.

Dam safety and sediment are some candidates. Hire outside company to determine which projects are good matches for existing grants. '23 help in writing grant applications that are due in March. Up to \$5M per year.

Need to get the new program setup and then run annually. Did not agree to final method last year with BPA. Need to kickstart for FY24. The \$35,000 is based on a quote from Black & Veatch to perform an annual update to the long range plan.

This is based on a quote from FreeDoc to complete the work started in 2022. FreeDoc will go through and dispose, organize, and archive the Cowlitz Falls documents.

Estimate includes future cost of fuel. Could reduce estimate to FY22 since gas prices are lowering. Actuals thru July are \$14,120, and the average is \$2,000 a month

This is general training for this position. There are several classes that this employee will take to continually develop.

This training will take several years to complete.

Lewis Response

Lewis did receive grant funding from lower Columbia fish recovery. Put these in as placeholders, uncertain of costs to the District. We will place the grant proposal and project details in the Sharefile folder.

This could be deferred and additional funds placed in equipment rental for this item. We do not have a fork lift and need one from time to time to move items and accept deliveries. Long term it makes sense to purchase a fork lift.

We have ongoing projects that require this item to unload and install equipment. We are looking at purchasing this item in 2022 and this can be deleting from the 2023 budget.

Lewis Response

Lined response area with two highlighted blue horizontal bars.

Lewis Response

BPA Narrative	Cherie comment 9/28
<p>Defer - Not enough information to have certainty of costs and responsibility. Defer until figure out Tacoma's cost share and details figured out. Need to review MOU's and gain understanding of organizational responsibility. BPA needs to understand the drivers, need and priority. Has any regulatory body say that it is currently deficient? What are the impacts and consequences to leave as is or defer? What agreements or MOU's are in place with Tacoma regarding this issue? Does this actually qualify as maintenance under the agreement with Tacoma?</p>	
<p>Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Dependent on flows/floods, determine if needed during operating year and if there is under-runs to cover. These activities qualify for the \$350k that is set up for contingency events.</p>	
<p>Mitigation requirement.</p>	
<p>Mitigation requirement.</p>	
<p>Important, but not critical.</p>	
<p>Mitigation requirement.</p>	
<p>Remove - Per Lewis, they can't find contractor, will train staff to perform duties.</p>	
<p>Dam safety and operationally important</p>	
<p>Not critical.</p>	
<p>Defer - Does not seem critical, need more specific information on scope and sections that "need" inspection along with updated costs. Information provided to date does not demonstrate critical need to be included in FY23 budget. Can place on defer list and execute during the OY if funds are available in under-runs. Was an analysis completed for the section of dam regarding the Spillway 4 Crane Rail Extension? If so, is that analysis included in this analysis?</p>	
<p>Move to Exhibit F</p>	
<p>Move to Exhibit F</p>	
<p>Defer - Not certain of the need and benefit. No large construction program at the relatively small project and doesn't appear to be complex enough to warrant construction management software. And, assume that contractors would be managing their work with their own software.</p>	
<p>Annual requirement.</p>	
<p>Critical to operations</p>	
<p>Important, but not critical.</p>	
<p>Critical to operations</p>	
<p>Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs. \$350K fund can cover.</p>	
<p>Ok - routine work.</p>	
<p>Ok - recurring need to support maintenance.</p>	

BPA Narrative	Cherie comment 9/28
Defer - no specific urgency, and wait for either a FERC requirement or demonstrated need due to a known issue or relatively high risk.	
Defer - no specific urgency, and wait for either a FERC requirement or demonstrated need due to a known issue.	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
OK - software, should be rolled up into Ex: F A&G	
Critical, safety - no load cell on one of the hoists.	
Important as it is additional safety but not critical.	
Critical, fire protection - need to make more permanent as it's temporary now. Material cost. And, a safety item providing fire protection.	
Critical, reliability of generating equipment - Annual parts, do one per year. Based on condition. Materials.	
Critical, reliability - critical spare part.	
Defer - no specific urgency, and wait for either a FERC requirement or demonstrated need due to a known issue.	
Important for climate control - materials and contractual services when needed	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
Critical for debris removal.	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
Important but not critical. Could help with efficiency of conducting maintenance and condition assessment and equipment history.	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
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Defer - too many variables and speculative to be budgeted for at this point. Need several years of actual expenditures to develop an estimate for budgeting. Recommend tracking actual expenditures and covering with OY fund under-runs.	
Critical for reliability.	
Defer - Urgency not apparent as it's a continuation of unfinished work. Uncertain as condition. Would like to review the justification of continuation of North Rock Wall Scaling work (study, proposal etc.)? What has changed since original discussion of work, why did costs increase? Will now need a justification sheet.	

BPA Narrative	Cherie comment 9/28
Defer - no specific urgency, and wait for either a FERC requirement or demonstrated need due to a known issue.	
Defer - no specific urgency, and wait for either a FERC requirement or demonstrated need due to a known issue.	
Critical - asset preservation.	
Important - no clear need, seems more important.	
Critical - plant personnel safety.	
Critical - plant personnel safety.	
Critical for plant reliability and monitoring.	
Critical - Safety PPE	
Critical for remote monitoring and operations.	
Defer - Need to validate costs through tracking expenses.	
Critical support for maintenance.	
Critical due to equipment condition and lack of functionality.	
Critical - major feature maintenance.	
Critical - plant safety and fire protection.	
Defer - No urgent need.	
Not critical but already in flight.	
Critical for day to day operations.	
Critical for transformer maintenance and generation reliability.	
Defer - no specific urgency, and wait for either a FERC requirement or demonstrated need due to a known issue.	
Critical - critical spare part.	
Important - allows monitoring of oil for equipment condition monitoring.	

BPA Narrative	Cherie comment 9/28
Important for public communication.	
Critical for comms	
Critical for comms	
Critical for comms	
Critical for comms	
Critical for comms	
Critical for maintaining business	
Critical for safety	
Critical for operation of facility	
Critical for safety	
Requirement of FERC License	
Critical for safety	
Critical operational support	
Critical for monitoring plant and operations	
Critical for operations	
Critical for safety	
Critical for safety	
Critical for security of facility	
Defer - can defer until '24 to '26 in light of high budget amount and demonstrated needs in other areas.	
Operational requirement	
Important for operational support	
Critical for operations	
Critical for operations	
Critical for operations	
Defer - Not critical, currently have furnishings.	
Critical support of personnel.	
Critical for operations of campground	
remove - will be done in '22	
Critical support of personnel.	
Critical for operations	
Critical for operations	
Critical for operations	
remove - will be done in '22	
Critical - based on actuals, important for campground operations	
Critical - support of parks	
Critical - safety of visitors and personnel	
Critical - operations	
Critical - operations	
Critical - operations, safety of visitors	
Remove - this will be performed by current personnel.	
Critical - operations	
Important to support visitation.	
Critical to operations and visitor support	
Remove - will be completed in '22	
Critical - safety	
Critical - operations and maintenance	

BPA Narrative	Cherie comment 9/28
Critical - operations and maintenance	
Critical - operations and maintenance	
Critical - operations and maintenance	
Important - not critical	
Important - not critical	
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Important - not critical	
Important - not critical	
Joint Lewis County PUD partial support of Cowlitz Falls Project. This needs updating to integrate other line items for software.	
Important	
Critical - business requirement	

BPA Narrative	Cherie comment 9/28
Critical - business requirement	
Need to review actual costs of membership per year. As previous years may have been increased to accommodate 15 month fiscal year.	
Important - not critical	
Critical - business requirement	
Need to reconcile new software and recurring costs and inclusion in Exhibit F A&G	
Defer - not critical and need to do document clean up first. Do they have a process of scanning documents with current staff? What is the plan for the long term?	
Critical - business requirement	
Critical - support safety	
Defer - Costs are uncertain, Not sure BPA endorses grant work.	
Critical - business requirement	
Critical - business requirement	
Critical - business requirement	
Critical - business requirement	
Critical - business requirement	
Critical - business requirement	
Important work for long range planning.	
Important - close to completion. Needs to be completed before document retention work. Do they have a process of record retention? What is the plan for the long term?	
Critical - plant support	
Critical - plant support	
Critical - plant support	
Critical - plant support	
Critical - plant support	
Critical - Safety Training	
Important - not critical	
Important - not critical	
Critical - safety	
Critical - safety	
Important - not critical	
Important - not critical	

BPA Narrative	Cherie comment 9/28
Defer until permit is received, alternatives discussed, security benefit described and design complete for more accurate estimate of construction. Construction work window is Nov - Feb so expenditures should be separated and staged, design, procurement and then install.	
Defer until USACE permit received, could be several years.	
Critical - safety of public	
Defer - no clear need for this year.	
Defer - No clear imminent failure of poor operational condition.	
Critical for maintenance access.	
Defer - can delay as it's not critical. Anticipating future reliability and support issues. Not required until '25 to satisfy WECC/NERC.	
Critical - office safety	
Important - work already in flight.	

BPA Narrative	Cherie comment 9/28
Critical - security of facility	
Important - VFD's no longer supported.	
Defer - Need more discussion, can defer as it is not urgent:	Can be reasonable deferred if spillway 4 project is deferred due to interdependency of projects
Project already in flight, costs may change when bids are received. Need more conversation and analysis and justification.	
Defer - not an urgent need.	
Important - additional ability to monitor operations.	
Defer - no urgent need. Will need further investigation of options.	Cost qualifies as need JS sheet to provide adequate justification

BPA Narrative	Cherie comment 9/28
Defer - no urgent need. Requesting a study with all three trash related projects to ensure appropriate placement, capacity etc for coordinating the collection and removal of debris.	
Defer - no urgent need. Requesting a study with all three trash related projects to ensure appropriate placement, capacity etc for coordinating the collection and removal of debris.	
Defer - no urgent requirement or need.	
Defer - no urgent requirement	
Critical - operational support	
Critical - security	
Defer - no urgent need or safety of visitors issues cited.	
Defer - no urgent need or safety of visitors issues cited.	
Important - support of recreational users.	

BPA Narrative	Cherie comment 9/28

Mike Wellner 9/28/22

Mike Welner 9/28/22

The image shows a large, empty table with a grid of approximately 35 rows and 5 columns. The table is mostly empty, with only the text 'Mike Welner 9/28/22' in the top-left cell. The rest of the table is blank.

Mike Wellner 9/28/22

NO

Supportive for sake of budget negotiations. However, not supportive of \$85K for forklift when CRPS facilities have obtained forklifts for similar work at a fraction of the price (~\$35K). Note: This line item was originally in the FY21 budget and was removed because CFP indicated it was still satisfactory.

Agree to defer because the JS needs to be updated. The JS (June 2022) does not have the most current information (cost increase) nor did it incorporate previous year questions (load capacity determination). || Questions: (1) Why did the costs increase significantly? Note: Significant cost growth from original \$500K to \$1.367M (2) How was the load capacity of 5 tons determined? What is the largest piece of equipment/component needing to be lifted during maintenance? (3) Does CFP still anticipate the construction work can be completed in one FY? || Does BPA still want the NPV calculated for this project?

Agree to defer because do not have information. What is the scope? Please describe the current need for this project? Why does this work need to start now?

Agree to defer because do not have information. What is the scope? Please describe the current need for this project? Why does this work need to start now?

What funds have been expended in FY22? What remaining portions of design will need to be completed in FY23?

Mike Wellner 9/28/22

I had been supportive of this project and wanted CFP to possibly tie to trash removal assessment (i.e. consideration of boat/debris boom). Now, I agree to defer because an update JS is required and permit required. There has been significant cost growth (\$371k to \$1.96M). Please update the alternatives and cost estimates associated with each on the JS. Please include differing schedules. || Questions: (1) What were the alternatives? Was the "best" value alternative selected? As identified in the JS, though "the new design should take into consideration security improvements," it "might not completely address all security concerns." This boat barrier is to be used as a line of demarcation not necessarily impenetrable. (2) Additionally, Deboie Carlson was informed by CFP that the design would cost \$200K and not all of the design would be complete in FY22 (some to be spent in FY23). What funds have been expended in FY22? What remaining portions of design will need to be completed in FY23?

I am supportive of this project but agree to defer until permit is received. Additionally, the JS will need to be updated. || Questions: (1) BPA submitted question June 29th 2022, asking how the \$60K will be utilized in FY22. Did the drawdown occur this year? What is the status of the design? (2) The costs have increased from \$2.55M (on June 29th 2022 JS) to \$3.74M FY23 budget. Was this increase based on an updated cost estimate? Is CFP waiting for the design to be completed prior to updating the justification sheet?

In old notes there was an act on item for CFP. Did CFP look into the FERC inspection and Part 12 report to see how the item was worked?

Agree to defer because no project information and need original JS submitted. The overall project cost is currently estimated at \$655K and will need a JS. Please describe the current need for this project? Why does this work need to start now?

Agree to defer because no project information and need original JS submitted. The overall project cost is currently estimated at \$185K and will need a JS. Please describe the current need for this project? Why does this work need to start now?

Agree to support.

Agree to support.

Agree to defer because BPA was not provided a JS. The overall project cost is currently estimated at \$150K and will need a JS. Please provide some information on what this work entails.

Agree to support.

Based on the information I have now, I cannot support this work. There needs to be an updated JS, the June 2022 JS does not match the FY23 budget documents (costs, alternatives need to be filled out, etc). || Questions: (1) Have they shared the most recent information with BPA (alternatives considered to ensure not proceeding forward with "wants" instead of "needs")? (2) Do they know the location of the building? Previous JS and discussions, CFP indicated that there are "constraints for the possible location." Have they mitigated risk by addressing location concerns? || (3) Do they have all the permits and environmental/cultural surveys required for site prep? Note: Believe Glen indicated they are targeting to have the permits but we may want to be consistent in approach here (permits should be obtained prior to approving budget line items).

Mike Wellner 9/28/22

What does this consist of/scope (i.e. replacement in kind, quantity)? How many gates were/are being replaced in FY22? How many gates will be replaced in FY23?

What does this scope consist of?

Agree with Cherie. I have been supportive of this project because of compliance issues and supporting CFP's mission (urgent need per 2018 McMillen condition assessment, 2018 HDR report recommended sluice gate replacement in FY23, and 2019 FERC Part 12D independent consultant report indicated sluice gates should be replaced). However, it sounds like in Glen's most recent discussions, CFP was uncertain about scope. Does the current scope address the compliance issues? JS needs to be updated. What is the current status of the project? Based on the schedule from June 21st 2022, JS indicates that the design will not be completed until March 2023. Is this correct?

I am more supportive of this project (recommended alternative) now than I had been last year at this time (pre analysis) but the JS needs to be updated (last dated October 19th 2021). BPA should not approve unless they update the JS for consistency in JS process. Also, \$3.768M is quite a bit for them to expend this year. It may be that this project actually falls over two years which would bring down the OR&R requested amount for FY23. Questions: (1) Is the bridge assessment budget line item related to this project? (2) Please incorporate updated cost estimate and schedule. Currently, JS indicates total overall costs at \$2.568M but the FY23 budget has construction at ~\$4.1M. This seems more accurate with FCRPS crane rail replacement (vs extension) costs but is it based on an updated cost estimate? (3) Did the design follow the recommendations laid out in the alternatives analysis? Which sub-alternative was used (upstream bridge retrofit, new downstream bridge, new pier 9 support, new pier 10 support; table 4-1 of alternatives analysis)? Internal Question: Does BPA still want NPV for this item?

Agree to defer because no JS has been provided; please submit original justification sheet. Please describe the current need for this project? Why does this work need to start now?

Agree towards proceeding forward but have a couple questions. Where did the cost estimate come from? Could the new inputs to SCADA all be completed under the same contract/task order?

Agree to defer because no JS has been provided; please submit original justification sheet. Who owns the towers? LCPUD?

Mike Wellner 9/28/22

Agree to defer because the JS needs to be updated. The new study should have been completed in July 2022. Please update the project costs, schedule, and alternatives to reflect current status. JS also needed to include information discussing the high hydroAMP score in the "additional information" section.

Agree to defer because the JS needs to be updated. || Is CFP waiting to the study/assessment to be completed prior to updating the JS? If not, please include any alternatives you have been informed of. Currently, the JS states "alternatives will be added after study."

Agree to defer because there is no JS. The overall project cost is currently estimated at \$290K and will need a JS. || Please describe the current need for this project? Why does this work need to start now?

Agree towards proceeding forward but have a couple questions. Where did the cost estimate come from? Could the new inputs to SCADA all be completed under the same contract/task order?

Since this work is ongoing for several years, please provide more information as to what work will be accomplished. CFP should consider one larger contract to complete security assessment deficiencies.

Agree to defer because there is no JS. Please provide a new/original justification sheet since project is estimated at \$150K.

Agree to defer because there is no JS. The overall project cost is currently estimated at \$320K and will need a JS. || This project was in the FY22 budget 2022-2028 for \$175K. Was the cost increase based on a cost estimate? || Please describe the current need for this project? Why does this work need to start now?

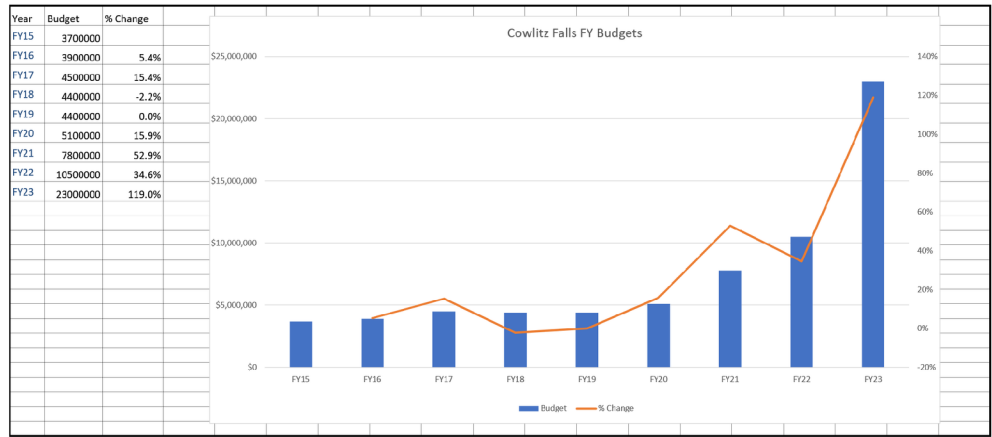
There has been some legal issues/FOIA with the Copper Creek Canyon Take Out site. Is this the project related? Questions: What does this project consist of/scope? How does this correlate to the Copper Creek Canyon Take Out site improvements?

Mika Wellner 9/28/22	

	Budget Year		2023 (Supported)	% Change from '23 Request				FY22
	2022	2023 (Requested)			Difference			
2023 - 2029 O&M								
Fish & Wildlife	\$ 210,380	\$ 238,740	\$ 124,440	48%	\$ 114,300		O&M	\$ 3,119,480.00
Maintenance	\$ 1,767,950	\$ 1,333,900	\$ 579,000	-57%	\$ 754,900		Special O&M	\$ 4,180,950.00
Operations	\$ 330,040	\$ 262,600	\$ 212,600	-19%	\$ 50,000		OR&R	\$ 4,004,670.00
Recreation	\$ 416,800	\$ 306,760	\$ 175,760	-43%	\$ 131,000		Grand Total	\$ 11,305,100.00
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	0%	\$ -			
Training & Travel	\$ 191,850	\$ 109,110	\$ 109,110	0%	\$ -			
Transmission	\$ 63,000	\$ 62,000	\$ 62,000	0%	\$ -			
Wage, Benefits, & Taxes	\$ 113,360	\$ 137,900	\$ 137,900	0%	\$ -			
Grand Total (O&M)	\$ 3,158,480	\$ 2,516,110	\$ 1,465,910	-42%	\$ 1,050,200	\$ 1,050,200		
	Budget Year		2023 (Supported)	% Change from '23 Request				
	2022	2023 (Requested)						
2022 - 2023 Special O&M								
General	\$ 1,004,700	\$ 1,117,760	\$ 972,460	-13%				
Operations	\$ 39,000	\$ 57,300	\$ 57,300	0%				
Training & Travel	\$ 23,800	\$ 26,800	\$ 26,800	0%				
Wage, Benefits, & Taxes	\$ 3,113,450	\$ 3,920,100	\$ 3,920,100	0%				
Grand Total (Special O&M)	\$ 4,180,950	\$ 5,121,960	\$ 4,976,660	-3%				
	Budget Year		2023 (Supported)	% Change from '23 Request				
	2022	2023 (Requested)						
2022 - 2023 OR&R								
Fish & Wildlife		\$ 955,000	\$ -	-100%				
Fleet	\$ 37,000	\$ 90,000	\$ 85,000	-6%				
Maintenance	\$ 2,292,270	\$ 13,723,900	\$ 1,486,100	-89%				
Operations	\$ 75,400	\$ 105,000	\$ 105,000	0%				
Recreation	\$ 1,600,000	\$ 220,000	\$ 10,000	-95%				
Grand Total (OR&R)	\$ 4,004,670	\$ 15,093,900	\$ 1,686,100	-89%				
Grand Total (All Items)	\$ 11,344,100	\$ 22,731,970	\$ 8,128,670	-61%				

O&M	Budget	Expended	% Spent	Completion Rate	
Fish & Wildlife	\$ 210,380	\$ 91,491	43%	75%	
Maintenance	\$ 1,767,950	\$ 265,483	15%	26%	
Operations	\$ 330,040	\$ 81,268	25%	42%	
Recreation	\$ 415,800	\$ 108,054	26%	44%	
Taxes	\$ 65,100	\$ 51,979	80%	137%	
Training & Travel	\$ 191,850	\$ 72,275	38%	65%	
Transmission	\$ 63,000	\$ 3,610	6%	10%	
Wage, Benefits, & Taxes	\$ 113,360	\$ -	0%	0%	
Grand Total (O&M)	\$ 3,158,480	\$ 674,160	21%	37%	58%
Special O&M	2022	Expended	% Spent	Completion Rate	
General	\$ 1,004,700	\$ 624,511	62%	107%	
Operations	\$ 39,000	\$ 26,194	67%	115%	
Training & Travel	\$ 23,800	\$ 190	1%	1%	
Wage, Benefits, & Taxes	\$ 3,113,450	\$ -	0%	0%	
Grand Total (Special O&M)	\$ 4,180,950	\$ 650,895	16%	27%	
OR&R	2022	Expended	% Spent	Completion Rate	
Fish & Wildlife	\$ -	\$ -	#DIV/0!	#DIV/0!	
Fleet	\$ 37,000	\$ 18,095	49%	84%	* lethe purchase in O&M section of budget
Maintenance	\$ 2,292,270	\$ 707,897	31%	53%	
Operations	\$ 75,400	\$ -	0%	0%	* not included in latest report.
Recreation	\$ 1,600,000	\$ 73,389	5%	8%	* moving work to '23
Grand Total (OR&R)	\$ 4,004,670	\$ 820,954	20%	35%	
Grand Total (All Items)	\$ 11,344,100	\$ 2,146,009	19%	32%	

		FY22	Adj					FY22	Adj	Target	
O&M		\$ 3,119,480.00		\$ 1,909,670.00	\$ (1,209,810.00)	OR&R		\$ 4,004,670.00		\$ 6,404,670.00	
	Fish n Wildlife	\$ 210,380.00	\$ (18,000.00)	\$ 192,380.00			Fish n Wildlife	\$ -		\$ -	
	Maintenance	\$ 1,767,950.00	\$ (901,810.00)	\$ 866,140.00			Fleet	\$ 37,000.00		\$ 37,000.00	
	Operations	\$ 291,040.00	\$ (100,000.00)	\$ 191,040.00			Maintenance	\$ 2,292,270.00	\$ 2,500,000.00	\$ 4,792,270.00	
	Recreation	\$ 416,800.00	\$ (60,000.00)	\$ 356,800.00			Operations	\$ 75,400.00		\$ 75,400.00	
	Taxes	\$ 65,100.00		\$ 65,100.00			Recreation	\$ 1,600,000.00	\$ (100,000.00)	\$ 1,500,000.00	
	Training and Travel	\$ 191,850.00	\$ (130,000.00)	\$ 61,850.00							
	Transmission	\$ 63,000.00		\$ 63,000.00							
	Wage, Benefits, and Taxes	\$ 113,360.00		\$ 113,360.00							
Special O&M		\$ 4,180,950.00		\$ 3,980,950.00	\$ (200,000.00)			FY22	FY23 Target	FY23 Proposed	Difference
	General	\$ 1,004,700.00		\$ 1,004,700.00		Grand Total	O&M	\$ 3,119,480.00	\$ 1,909,670.00	\$ 2,516,110.00	\$ (606,440.00)
	Operations	\$ 39,000.00		\$ 39,000.00			Special O&M	\$ 4,180,950.00	\$ 3,980,950.00	\$ 5,096,660.00	\$ (1,117,710.00)
	Training and Travel	\$ 23,800.00		\$ 23,800.00			OR&R	\$ 4,004,670.00	\$ 6,404,670.00	\$ 15,093,900.00	\$ (8,689,230.00)
	Wage, Benefits, and Taxes	\$ 3,113,450.00	\$ (200,000.00)	\$ 2,913,450.00			Grand Total	\$ 11,305,100.00	\$ 12,295,290.00	\$ 22,708,670.00	\$ (10,413,380.00)
Total		\$ 7,300,430.00		\$ 5,890,620.00	\$ (1,409,810.00)	19%					
			Target								
Grand Total	O&M	\$ 3,119,480.00	\$ 1,909,670.00		-38.78%						
	Special O&M	\$ 4,180,950.00	\$ 3,980,950.00		-4.78%						
	OR&R	\$ 4,004,670.00	\$ 6,404,670.00		59.93%						
Grand Total		\$ 11,305,100.00	\$ 12,295,290.00		8.76%						



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

Sent: Thu Sep 03 07:25:34 2020

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

Subject: wildlife manager (CFP)

Importance: Normal

I checked in with someone who is the person who monitors the CFP from WDFW about all the new rules/work that Joe/Chris mentioned would be taking place on the Project which would be requiring a more dedicated person. She told me that as far as she knew there was no new rules coming down (from on high). Currently on the Project in either Wildlife unit 2 or 3 WDFW is requiring some trees be thinned (as an aside: the trees can be sold as is or cut up and sold as firewood to campers); she talked about maintaining mowing; monitoring an area that was a wildlife area but not considered a wildlife unit where it has appeared someone (probable locals) has come in and is maintaining the area for their own use (meaning they grass area is maintaining the area for their own purposes (there are paths – ATV tracts – I remember seeing pictures taken a couple of years ago where there was a feeding area [likely for deer] and a salt lick and lawn chairs set up).

(b)(6)

I also talked to her about license renewal for the Dam. She said one way Lewis could be refused a renewal, from FERC, is if they do not follow FERC Orders in a timely manner. We specifically talked about the issues with the rafter/kayakers. Their License said they had to create an area for them and while they might have done so originally – like creating a place for vehicles to park and cleaned out a path in order for them to take their water craft to the River it is not what the intent of the License request was. In the last several years the rafter/kayakers have been after Lewis to – I’ll use the words – clean up their act. Lewis has done a few things (built a real road – which by the way we paid for but was not in any budget, Joe just had it done – from the 305 road to the take out site; there is a port-a- pot and garbage pick-up and they have done some clearing out of brush for parking and a path). I have been to a few of the meetings between Lewis and the rafter/kayakers (in fact Dave Manary also attended one). I have seen drawings presented by Lewis to show their concept of a completed rafter/kayaker area. Nothing ever gets done (sound familiar?). I kind of went off the original path, so getting back to that – my contact said that since Lewis was not following the License this is an area where they could be pinged from FERC at license renewal. While it is doubtful that just one incident could stop the renewal if FERC looked at all the times Lewis has not completed (or continued to delay) work that could become an issue. I think this is why Chris stresses how important it is to have extra people so those things FERC is telling them to do, will get done sooner so as to not cause any license renewal issues. Should FERC refuse to grant Lewis a license then anyone can come in and take over. They would have to pay something to Lewis for

the Dam – but I’ve no idea how all that works. My contact also said that it could be possible if no one steps up to take over the license they could say the Dam has to be removed. With the huge investment TP has put in on the Northshore Collection and because they already have the two other dams on the Cowlitz they may take over the License. However, I have heard they are looking at maybe disposing a couple of their other projects (Cushman and/or Wynoochee).

One of the other things I plan on doing is talking to a contact at WA Dept of Ecology about the sediment issue. I wanted to check on the things Joe mentioned about sonar/turbidity, studies, monitor and such. When/If I find out anything I will add it to this message so all the information is in one place.

O&M	
Fish & Wildlife	
R	American Fisheries Society (AFS) Membership
NR	CJSPUS ADULT FISH SITE RELEASE ANALYSIS
R	Fish & Wildlife Contract Services (RTL Consulting)
R	Fishing Pond Sediment Removal
R	Habitat & Fish Recovery Services (WDFW)
R	Habitat Management: Fertilizer, Spraying, Plants
R	Kid's Trout Derby
R	Mitigation Trout Program
R	USGS Gauging Station Fees
R	Wildlife Society Membership
Maintenance	
NR	Battery Bank Replacement
NR	Battery Chargers
NR	Bridge Sections Inspection & Analysis
R	Buffer Zone Management
R	CAD Software Licensing
R	Computer Software
NR	Construction Management Software
R	Contract Crane Inspections
R	Contract Diesel Generator Maintenance
R	Contract Drafting Services
R	Contract Maintenance Elevator
NR	Control Room / Office Area Repairs - Construction
NR	Dam Instrumentation
NR	Debris Removal - Trash Rake Debris Box
R	Diving Services
NR	Drainage Gallery Air Supply - Alternative Analysis
NR	Drainage Sump Level Indication
NR	Drainage Sump Study
R	Drainage System
R	Electrical Parts
NR	Elevator Controls - Design
R	Equipment Rental
R	Equipment Watch Annual Fee
R	Fuel - Diesel Generator
NR	Gantry Crane Jib Hoist Load Cell
NR	Generator Bus Boats
NR	Generator Oil Mist Piping
NR	Governor
NR	Governor Jockey Pump
NR	Governor Oil Sump Level Indication
R	HVAC
NR	HVAC AH-1 Replacement Office Area
R	Instrumentation Parts
R	MAINTENANCE - LOG BRONC
R	Maintenance - Unanticipated Dam Repairs
NR	Maintenance Management System
R	Maintenance Supplies for Electric Plant
R	Mechanical & Piping

R	Mechanical Parts
R	Metal
R	Mobile Crane Maintenance
NR	North Rock Wall Scaling
NR	Oil Bearing Level Sensors - Unit 1
NR	Oil Storage Tank Level Sensors
R	Painting & Special Coatings
R	Piezometer Pressure Transmitters
R	Plant Lighting
R	Plant Water Wells & Testing
R	Protection & Control Support
R	Safety Equipment - Non PPE
R	SCADA Network Support
R	SCADA Support
R	Service Air Compressor
NR	Service Water System Rehabilitation
NR	Service Water VFD & Controls Replacement
R	Sluice Gate Bulkhead Seals - Replacement
R	Smoke Detectors & Fire Water Systems
NR	Spillway Gate Control - Alternative Analysis
NR	Spillway Gate Finite Element Analysis
R	Spillway Gates
NR	Station Service cabinet Inputs into SCADA - Design
NR	Temporary Offices
R	Tools & Equipment - Operations
R	Transformer Oil Processing & Testing
NR	Turbidity Sensor Communication
NR	Turbine Oil Level Indication
R	Turbine Shaft Seals
NR	Unit Instrumentation - Alternative Analysis
NR	Unit Turbine Gage Board Inputs into SCADA - Installation
NR	Upper Guide Bearing Oil Sample Ports
	Operations
R	Advertising - Dam
R	CFP Cell Phones
R	CFP Telephones
R	CFP Vehicle Verizon Connect
R	COMMUNICATIONS - RADIOS, ETC
R	Communications Fiber - User Fee
R	Computer & Supplies
R	Dam Safety Consultant
R	Electric Utilities - Secondary Power Feed
R	Fall Protection Equipment
R	FERC Dam Movement Survey
R	FR Clothing - CFP
R	GARBAGE SERVICE - OPERATIONS
R	Operator Remote SCADA Communications
R	Operator Supplies - Dam
R	Respirator Fit Testing
R	Rope Access Gear
R	Security/Plant Locks

NR	Sedimentation Report
NR	Sedimentation Survey
NR	Shelving & Furniture
R	Subscriptions, Prints, Copies and Maps
	Recreation
R	Advertising
R	Boat Launch Sediment Removal
R	Building Maintenance
R	Campground Host
R	Campground Internet
NR	Campground & Day Use Park Paving
R	Campground Reservation Software
NR	Campground Restroom Improvements
R	Campground Telephone
R	Campground Wood Chips
R	Contract Septic and Water Services
R	Contract Services (Dock Installation and Removal)
NR	D-Loop Electrical Design & Feed Replacements
R	Electric Utilities
R	EQUIPMENT REPAIRS - PARK
R	GARBAGE SERVICE - RECREATION
R	Group B Annual Operating Fee - Falls Road Well
R	MAINTENANCE - GROUND
R	MAINTENANCE - SEWER & WATER SYSTEM
R	Operation Supplies
R	Port Blakely Road Access Agreement
R	Port Blakely Road Maintenance
R	Portable Restrooms
R	Portable Water and Septic System Testing
R	Recreation Tree Removal
R	Repairs & Supplies
R	Septic System Maintenance - Recreation
R	Sign Replacements
R	Tools & Equipment - Recreation
	Taxes
R	County Taxes
R	Ecology Water Tax
R	Privilege Tax
	Training & Travel
R	American Fisheries Society Meeting
R	American Governor Analog Gov Training
R	American Governor School
R	ASOSO Conference
R	AVO Circuit Breaker Maintenance
R	AVO Electrical Series
R	AVO Substation Maintenance I
R	AVO Thermography I
R	CEATI - ANNUAL MEETING
R	CEATI - ASSET Management Meeting
R	CEATI - DSIG MEETING
R	CEATI - HPEIG MEETING

R	Clean Currents Conference
R	EPTC Power Plant Operation
R	EPTC Generation Series
R	EPTC Relay Protection
R	EPTC Switching & Grounding
R	EPTC System Operations Personal Grounding
R	EPTC Transmission Series
R	HSI Online Training
R	HydroVision
R	NW Hydro Forum
R	NWHA - ANNUAL MEETING
R	NWHA - WORKSHOP
R	NWPPA - LEADERSHIP TRAINING
R	TPC - ELECTRICAL WORKSHOP
R	TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING
R	TRAINING - CRANE
R	TRAINING - MANLIFT/FORKLIFT
R	TRAINING - PESTICIDE APPLICATION
R	TRAINING - SEL Generator Relay
R	TRAINING - Western Protective Relay
R	TRAINING - Rockwell Automation Fair
R	TRAINING - Factory Talk Training
R	TRAINING - WATER & WASTEWATER
R	Wildlife Classes
	Transmission
R	ROW Maintenance
R	Transmission Line Corridor Planting
	Wage, Benefits, & Taxes
R	OT Taxes
R	Social Security Medicare
R	Social Security Medicare - F&W Tech
	Special O&M
	General
R	A&G Exhibit F
R	ASOSO - Government Membership
R	Auditing - Accountability
R	Auditing - Financial
R	CEATI - MEMBERSHIP
R	CEATI - PROJECTS
R	Compliance Consultant
NR	Document Management Software
NR	Document Scanning
R	FERC Annual Fee
R	Fire District Payment
NR	Infrastructure Grant Proposal (IDR)
R	INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS
R	INSURANCE - EXCESS LIABILITY
R	INSURANCE - LIABILITY
R	INSURANCE - PROPERTY
R	LEGAL SERVICES - BIO* & FERC ISSUES
R	LEGAL SERVICES - GENERAL ISSUES

R	Long Range Plan Analysis
R	NWHA Membership
R	OFFICE SUPPLIES AND EXPENSES
NR	Records Clean Up
	Operations
R	CF Vehicle and Equipment Fuel
R	CF Vehicle Maintenance
R	CONSUMABLE SUPPLIES - FIRST AID
R	CONSUMABLE SUPPLIES - JANITORIAL
R	CONSUMABLE SUPPLIES - SAFETY & PPE
	Training and Travel
R	ARC FLASH TRAINING
R	NWPPA - ADMIN ASST TRAINING
R	TRAINING - COMPUTER
R	Training - Confined Space
R	TRAINING - FALL PROTECTION
R	TRAINING - ROPE ACCESS
R	WPUDA - ADMIN FOUNDTABLE
R	WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING
	Wage, Benefits, & Taxes
R	Employee Medical Insurance
R	Employer PERS
R	ES Support Overhead
R	ES Support Wages
R	Flu Shot Clinics
R	L&I Employer
R	Long Term Disability
R	Long Term Disability - F&W Tech
R	Misc Pension & Benefits, CDL, Medical Exam, etc
R	OT Benefits
R	OT Wages
R	Paid Family Leave Benefit
R	PCORI ACA Requirement
R	PI Cash Out
R	PL to VEBA Cash Out
R	Retiree/COBRA Med Ins - Premiums & Claims
R	Short Term Disability
R	Standby Pay
R	Term Insurance Benefit
R	VEBA Benefit
R	Wages

Account	Account Description	Actual						Total Actual	Total Budget	Total Variance
		7/31/2021	8/31/2021	9/30/2021	10/31/2021	11/30/2021	12/31/2021			
Project Reimbursement / Revenue										
Project Reimbursement										
REV										
2-00-456-200	CF - BPA O&M ADVANCES	(498,960)	(498,960)	(498,960)	(498,960)	(498,960)	(498,960)	(7,484,400)	(7,702,540)	(218,140)
Project Revenue										
REV										
2-00-417-000	CF - CAMPGROUND RENTAL INCOME	(18,926)	(12,789)	(366)				(114,371)	(125,000)	(10,629)
2-00-417-010	CF - CAMPGROUND REVENUES SUBJECT TO SALES TAX	(2,576)		(1,858)				(6,239)		6,239
2-00-417-100	CF - CAMPGROUND MERCHANT SERVICE FEES	2,039	1,407	926				9,620	0	(9,620)
2-00-419-000	CF - INTEREST INCOME	(350)	(348)	(337)	(350)	(338)	(135)	(4,686)	(5,000)	(314)
2-00-456-300	CF - MISC REVENUES							(4,514)	0	4,514
2-00-108-400	CF - SALES OF VEHICLES							(3,850)	0	3,850
Project Reimbursement / Revenue Total		(518,773)	(510,690)	(500,595)	(499,310)	(499,298)	(499,095)	(7,608,441)	(7,832,540)	(224,099)
Admin & General										
General										
Special O&M										
2-00-184-012	CF - EQUIP - TRANSPORTATION EXP	162	2,285	1,536	4,817	5,125	(241)	25,036	35,000	9,964
2-08-921-000	CF - OFFICE SUPPLIES AND EXPENSES	6,593	1,255	142	872	1,290	488	18,013	19,400	1,387
2-09-921-000	CF - A&G EXHIBIT F						443,018	443,018	500,000	56,982
2-08-923-000	CF - PROFESSIONAL SERVICES	10,997	4,553	38,499	10,976	11,495	27,211	238,456	336,100	97,644
2-08-924-000	CF - PROPERTY INSURANCE	1,768	17,025	4,226			17,598	259,406	252,600	(6,806)
2-08-928-000	CF - FERC PERMIT		95,344				17,735	169,816	153,450	(16,366)
2-09-539-002	SPCF - MISC. EXPENSES NON LABOR	0	306	570	0	802	1,698	5,532	10,800	5,268
2-09-542-002	SPCF - STRUCTURES NON LABOR			1,502	214		118	2,593	1,600	(993)
Training										
Special O&M										
2-00-925-102	CF - HEALTH, WELFARE, SAFETY - NON LABOR						7,618	8,610	16,000	7,390
2-09-921-002	SPCF - TRAVEL & TRAINING	2,044	4,876	871	4,800	6,532	2,396	95,145	76,000	(19,145)
Admin & General Total		21,564	125,643	47,345	21,679	25,244	517,638	1,265,626	1,400,950	135,324

4/22/2022

Account	Account Description	Actual						Total Actual	Total Budget	Total Variance
		7/31/2021	8/31/2021	9/30/2021	10/31/2021	11/30/2021	12/31/2021			
Labor										
Wage, Benefits, & Taxes										
O&M										
2-00-408-500	CF - TAXES - EMPLOYER (FICA, MEDICARE, OASI)	7,809	8,370	7,802	11,681	8,220	8,569	113,349	112,500	(849)
Special O&M										
2-00-242-200	CF - MISC LIABILITY EMPLOYEE VAC							0	18,750	18,750
2-00-926-000	CF - EMPLOYEE PENSION AND BENEFITS							180	6,300	6,120
2-00-926-100	CF - RETIREE/COBRA MED INS - PREMIUMS & CLAIMS	1,113	(63)	1,355	1,616	652	994	14,254	25,000	10,746
2-00-926-110	CF - ACTIVE EMP MED INS - PREMIUMS & CLAIMS	11,807	5,653	22,418	12,585	17,551	29,405	379,016	481,500	102,484
2-00-926-140	FLU SHOT CLINICS							112	500	388
2-00-926-200	CF - PERS - EMPLOYER	10,492	10,463	9,811	14,923	10,737	12,162	165,247	151,400	(13,847)
2-00-926-300	CF - TERM INSURANCE - EMPLOYER	92		92	92	101	110	1,209	5,100	3,891
2-00-926-310	CF - LONG TERM DISABILITY INSURANCE - EMPLOYER	236		250	339	314	340	3,388	0	(3,388)
2-00-926-400	CF - W-C1 & W-C6 - EMPLOYER (INDUSTRIAL INS)				5,262		5,186	20,691	17,800	(2,891)
2-00-926-500	CF - WASHINGTON PAID FAMILY MEDICAL LEAVE	155	165	176	230	153	159	2,215	2,400	185
2-00-926-600	CF - VEBA CASHOUT			14,747				16,842	6,300	(10,542)
2-00-926-700	CF - SHORT TERM DISABILITY (EMPLOYER)		1,834					25,463	2,500	(22,963)
2-00-926-710	CF - SICK LEAVE BANK							1,784	0	(1,784)
2-00-926-800	CF - VEBA EMPLOYER CONTRIBUTIONS	908	977	1,105	1,456	1,048	1,186	14,153	14,100	(53)
2-00-926-999	CF SALARIES	111,923	102,889	103,738	153,587	128,095	117,763	1,538,785	1,645,200	106,415
2-00-926-999	ES SALARIES	52,091	51,988	52,141	77,173	47,571	40,057	841,122	1,010,200	169,078
Labor Total		196,625	182,276	213,636	278,943	214,441	215,932	3,137,810	3,499,550	361,740

4/22/2022

Account	Account Description	Actual						Total Actual	Total Budget	Total Variance
		7/31/2021	8/31/2021	9/30/2021	10/31/2021	11/30/2021	12/31/2021			
Operating Expenses										
Fish & Wildlife										
O&M										
2-08-537-010	CF - CFP FISH & WILDLIFE	208	31,752	4,864	6,374	7,940	31,614	87,004	138,600	51,596
General										
O&M										
2-08-537-060	CF - ENDANGERED SPECIES ACT REQUIREMENTS							57	10,000	9,943
2-08-539-000	CF - MISC EXPENSES	22,449	36,144	8,560	23,204	19,301	97,416	338,086	270,000	(68,086)
2-08-544-000	CF - MAINT OF ELECTRIC PLANT - HYDRAULIC	889	3,036	2,559	37,526	63,709	13,357	177,446	182,800	5,354
2-08-545-000	CF - MAINT OF MISCELLANEOUS HYDRAULIC PLA	1,140	2,811	3,907	17,856	7,921	9,326	190,587	420,350	229,763
Operating Expenses										
O&M										
2-08-535-002	CF - OPERATION, SUPERVSN, ENG. - HYDR (NON LABOR)			11,713	3,503			17,766	13,600	(4,166)
2-08-543-000	CF - MAINT OF RESERVOIRS, DAMS & WATERWAYS	5,627	112,115	35,304	47,257	8,044	99,386	389,139	316,400	(72,739)
CF20-128	DEBRIS BARRIER COATING & CATHODIC PROTECTION	20,243	1,972		6,261	3,933	7,081	108,742	160,000	51,258
Recreation										
O&M										
2-08-537-020	CF - RECREATION	2,711	7,704	97,957	7,605	4,759	5,955	160,215	187,500	27,285
2-08-545-020	CF - MAINT OF CAMPGROUNDS	6,493	1,602	80	854	10,054	8,856	46,797	35,700	(11,097)
Transmission										
O&M										
2-08-571-002	CF - MAINT OF OVERHEAD LINES - TRANSMISSION							31,629	35,650	4,021
Operating Expenses Total		59,761	197,135	164,943	150,440	125,662	272,992	1,547,466	1,770,600	223,134

4/22/2022

Account	Account Description	Actual						Total Actual	Total Budget	Total Variance
		7/31/2021	8/31/2021	9/30/2021	10/31/2021	11/30/2021	12/31/2021			
OR&R										
Fish & Wildlife										
OR&R										
CF21-O-154	ALTERNATIVE FISHING DERBY SITE DEVELOPMENT							0	50,000	50,000
2-00-330-010	CF - LAND & LAND RIGHTS - HYDRAULIC, CWIP				1,597			60,385	0	(60,385)
General										
OR&R										
CF16-099	REPLACEMENT OF PROJECT SCADA							120,957	192,000	71,043
CF17-104	5-TON BRIDGE CRANE (2021 CONTESTED)							1,687	0	(1,687)
CF21-O-156	NEW FACILITY - ANALYSIS/DESIGN/SITE TESTING		1,787		3,873	5,090	3,676	30,290	36,800	6,510
CF21-O-157	SPILLWAY HANDRAIL & GUARDRAIL							12,240	70,000	57,760
CF21-O-158	SLUICE GATE REPLACEMENT - CFD & PHYSICAL MODEL DESIGN	31,713	7,853	3,665	15,218	76,953	109,380	244,781	330,000	85,220
CF21-O-159	SONAR & TURBIDITY SENSORS	40,260	2,767	15,386	19,080	4,905	167	82,565	150,000	67,435
CF21-O-160	SPILLWAY 4 RAIL EXTENSION - ALTERNATIVE ANALYSIS			56,567	41,005			121,152	135,200	14,048
2-00-392-012	CF - TRANSPORTATION EQUIPMENT - GENERAL CWIP							62,733	0	(62,733)
Recreation										
OR&R										
CF21-O-147	COPPER CREEK TAKEOUT SITE PARKING		38,250		22,950	35,756	7,650	104,606	135,000	30,394
OR&R Total		71,973	50,656	75,618	103,722	122,704	120,873	841,396	1,099,000	257,604
Taxes										
Taxes										
O&M										
2-08-539-000	ECOLOGY WATER TAX					5,872		11,743	9,400	(2,343)
2-00-408-300	CF - TAXES - BUSINESS & SALES		101	60	10			476	0	(476)
2-08-921-000	COUNTY TAXES							550	900	350
Taxes - Privilege										
2-00-408-200	CF - TAXES - PRIVILEGE						50,717	102,858	52,140	(50,718)
Taxes Total		0	101	60	10	5,872	50,717	115,627	62,440	(53,187)
Expense Total		349,922	555,812	501,602	554,794	493,922	1,178,153	6,907,926	7,832,540	924,614
Net Total		(168,850)	45,122	1,007	55,484	(5,375)	679,058	(700,515)	0	700,515

4/22/2022

2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year							
	2022	2023	2024	2025	2026	2027	2028	2029
Fish & Wildlife	\$ 210,380	\$ 1,193,740	\$ 497,300	\$ 1,290,600	\$ 1,509,700	\$ 903,480	\$ 1,276,570	\$ 399,850
O&M	\$ 210,380	\$ 238,740	\$ 137,300	\$ 340,600	\$ 909,700	\$ 903,480	\$ 726,570	\$ 249,850
American Fisheries Society (AFS) Membership		\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110	\$ 110
CISPU ADULT FISH SITE RELEASE ANALYSIS		\$ 75,000						
Creel Study	\$ 18,000			\$ 50,000	\$ 20,000			
ESA BiOp Studies					\$ 748,000	\$ 758,000	\$ 580,000	\$ 100,000
Fish & Wildlife Contract Services (RTL Consulting)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Fish Gate Position Indicators	\$ 32,000							
Fishing Pond Sediment Removal	\$ 30,000	\$ 30,000						
Habitat & Fish Recovery Services (WDFW)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Habitat Management; Fertilizer, Spraying, Plants	\$ 9,000	\$ 9,000	\$ 9,300	\$ 9,300	\$ 9,300	\$ 9,600	\$ 9,600	\$ 9,600
Kid's Trout Derby	\$ 5,400	\$ 5,600	\$ 5,600	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,000	\$ 6,200
Mitigation Trout Program	\$ 45,000	\$ 47,000	\$ 49,000	\$ 51,000	\$ 51,000	\$ 53,000	\$ 53,000	\$ 55,000
Noxious Weed Control Contractor	\$ 9,300	\$ 9,300	\$ 9,500	\$ 9,500	\$ 9,500	\$ 9,700	\$ 9,700	\$ 9,700
TPU Rearing Facilities Studies				\$ 150,000				
USGS Gauging Station Fees	\$ 41,600	\$ 42,640	\$ 43,700	\$ 44,800	\$ 45,900	\$ 46,980	\$ 48,070	\$ 49,150
Wildlife Society Membership	\$ 80	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90
OR&R	\$ -	\$ 955,000	\$ 360,000	\$ 950,000	\$ 600,000		\$ 550,000	\$ 150,000
(CHAP) Comprehensive Habitat Action Plan - Wildlife Evaluation							\$ 550,000	\$ 150,000
Alternative Fishing Derby Site Development - Construction					\$ 600,000			
Alternative Fishing Derby Site Development - Design			\$ 200,000	\$ 50,000				
Kiona Creek Enhancement		\$ 120,000	\$ 120,000	\$ 750,000				
Man-Made Island Canal - Construction				\$ 150,000				
Man-Made Island Canal - Design		\$ 50,000						

(b)(5)



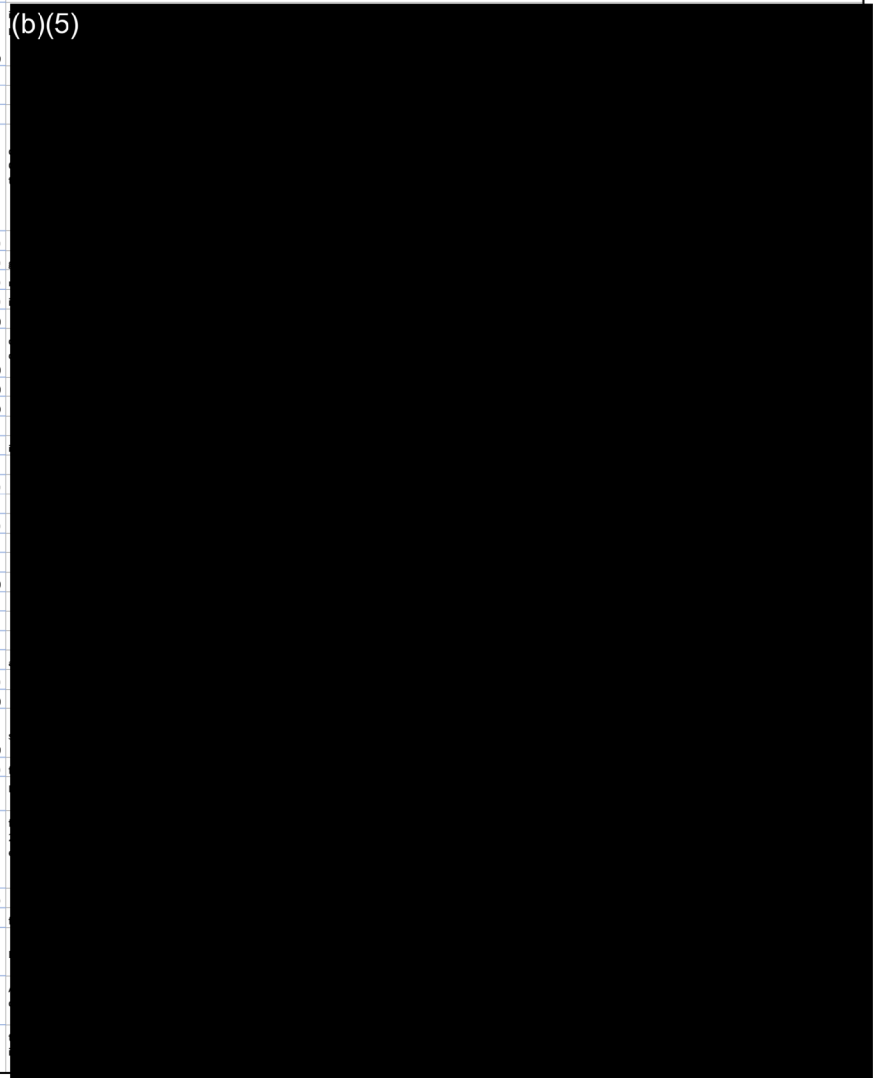
2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year									
	2022	2023	2024	2025	2026	2027	2028	2029		
Wildlife Meadows Unit #5			\$ 40,000							
Wildlife Mitigation Land	\$ -	\$ 785,000								
Fleet	\$ 37,000	\$ 90,000	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000		
OR&R	\$ 37,000	\$ 90,000	\$ 72,000	\$ 30,000	\$ 83,000	\$ 83,000	\$ 45,000	\$ 45,000		
Mower	\$ 22,000									
RT Fork Lift		\$ 85,000								
Side By Side			\$ 30,000	\$ 30,000						
Truck Box Crane		\$ 5,000								
Vehicle	\$ 15,000				\$ 38,000					
Vehicle for Replacement					\$ 45,000	\$ 83,000	\$ 45,000	\$ 45,000		
Vehicle for Resource Worker			\$ 42,000							
General	\$ 1,004,700	\$ 1,094,460	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680		
Special O&M	\$ 1,004,700	\$ 1,094,460	\$ 1,058,560	\$ 1,091,960	\$ 1,118,110	\$ 1,149,210	\$ 1,196,110	\$ 1,229,680		
A&G Exhibit F	\$ 371,600	\$ 382,800	\$ 394,800	\$ 405,600	\$ 418,800	\$ 430,800	\$ 444,000	\$ 457,200		
ASDSO - Government Membership	\$ -	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60		
Auditing - Accountability	\$ 2,300	\$ 2,350	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900		
Auditing - Financial	\$ 19,000	\$ 19,450	\$ 20,200	\$ 20,900	\$ 21,600	\$ 22,400	\$ 23,200	\$ 24,000		
Budget Facilitator	\$ -									
CEATI - MEMBERSHIP	\$ 65,300	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 42,000	\$ 46,000	\$ 46,000		
CEATI - PROJECTS	\$ 30,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000		
Compliance Consultant	\$ 65,000	\$ 65,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 75,000		
Document Management Software		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000		
Document Scanning		\$ 5,000	\$ 5,000	\$ 5,000						
FERC Annual Fee	\$ 100,000	\$ 103,000	\$ 106,100	\$ 109,300	\$ 112,600	\$ 116,000	\$ 119,500	\$ 123,000		
Fire District Payment	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,000	\$ 21,500	\$ 21,850	\$ 22,200		
Infrastructure Grant Proposal (HDR)		\$ 50,000								
INSURANCE - CYBER/CRIME/PUBLIC OFFICIALS	\$ 7,200	\$ 7,500	\$ 7,900	\$ 8,300	\$ 8,750	\$ 9,200	\$ 9,600	\$ 10,100		
INSURANCE - EXCESS LIABILITY	\$ 25,000	\$ 26,000	\$ 27,000	\$ 28,000	\$ 29,000	\$ 30,000	\$ 31,000	\$ 32,000		
INSURANCE - LIABILITY	\$ 10,500	\$ 11,000	\$ 11,500	\$ 12,000	\$ 12,500	\$ 13,000	\$ 13,500	\$ 14,000		
INSURANCE - PROPERTY	\$ 200,000	\$ 210,000	\$ 220,500	\$ 231,500	\$ 243,100	\$ 255,250	\$ 268,000	\$ 281,420		
LEGAL SERVICES - B-OP & FERC ISSUES	\$ 24,200	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		
LEGAL SERVICES - GENERAL ISSUES	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		
Long Range Plan Analysis	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000		
NWHA Membership	\$ 800	\$ 1,000	\$ 1,000	\$ 1,200	\$ 1,200	\$ 1,400	\$ 1,400	\$ 1,600		
OFFICE SUPPLIES AND EXPENSES	\$ 9,300	\$ 9,300	\$ 9,600	\$ 9,600	\$ 9,900	\$ 9,900	\$ 10,200	\$ 10,200		
Records Clean Up		\$ 15,000								
Maintenance	\$ 4,060,220	\$ 15,057,800	\$ 4,091,900	\$ 8,137,600	\$ 9,180,600	\$ 3,829,300	\$ 3,448,800	\$ 3,203,900		

(b)(5)



2023 - 2029 CFP Budget Estimates (2022 for reference)									
(Excludes Wages & Benefits)	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
O&M	\$ 1,767,950	\$ 1,333,900	\$ 1,054,900	\$ 856,600	\$ 904,600	\$ 704,300	\$ 2,376,800	\$ 1,853,900	
230 KV Circuit: Maintenance			\$ 45,000					\$ 45,000	
ARC FLASH STUDY	\$ 35,000								
Automatic Transfer Switch Grouting	\$ 1,000								
AVR Testing				\$ 45,000					
Bridge Sections Inspection & Analysis		\$ 106,000							
Buffer Zone Management	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,600	\$ 3,600	
CAD Software Licensing	\$ 4,500	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	
Computer Software	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	
Construction Management Software	\$ 12,000	\$ 7,600	\$ 7,600	\$ 7,800	\$ 7,800	\$ 8,000	\$ 8,000	\$ 8,200	
Contract Crane Inspections	\$ 17,600	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 16,000	\$ 16,000	
Contract Diesel Generator Maintenance	\$ 10,000	\$ 12,000	\$ 12,000	\$ 14,000	\$ 14,000	\$ 16,000	\$ 16,000	\$ 18,000	
Contract Drafting Services	\$ 50,000	\$ 50,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ 57,500	\$ 59,500	\$ 61,500	
Contract Maintenance Elevator	\$ 15,200	\$ 18,500	\$ 19,000	\$ 19,500	\$ 20,000	\$ 20,500	\$ 21,000	\$ 21,500	
Control Room / Office Area Repairs - Construction	\$ 586,030								
Control Room / Office Area Repairs - Design	\$ 7,500								
Control Room Paperless Recorders	\$ 42,000								
Dam Instrumentation	\$ 2,200	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	
Debris Barrier - Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debris Removal - Trash Rake Debris Box	\$ 6,000	\$ 6,200	\$ 6,200	\$ 6,400	\$ 6,400	\$ 6,600	\$ 6,600	\$ 6,800	
Diesel Generator: Connection to Spillway Gates 2 & 3	\$ 14,000								
Diesel Generator: Load Bank	\$ 8,500								
Diving Services	\$ 16,500	\$ 16,500	\$ 17,000	\$ 17,000	\$ 17,500	\$ 17,500	\$ 18,000	\$ 18,000	
Drainage Pump			\$ 20,000						
Drainage Pump Handrail	\$ 2,500								
Drainage Sump Level Indication		\$ 3,500							
Drainage Sump Study		\$ 48,000							
Drainage System	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	
Electrical Parts	\$ 5,400	\$ 14,400	\$ 14,400	\$ 14,800	\$ 14,800	\$ 15,200	\$ 15,600	\$ 16,000	
Equipment Rental	\$ 17,000	\$ 17,000	\$ 18,000	\$ 18,000	\$ 19,000	\$ 19,000	\$ 20,000	\$ 20,000	
Equipment Watch Annual Fee	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
FERC Part 12 Recommendations			\$ 125,000	\$ 150,000	\$ 150,000	\$ 175,000	\$ 175,000	\$ 200,000	
Forebay and Tailrace Level Sensor Replacement			\$ 45,000						
Fuel - Diesel Generator	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
Gantry Crane Jib Hoist Load Cell	\$ 15,000								
Generator Bus Boots	\$ 8,000								
Generator Oil Mist Piping	\$ 3,000								
Generator Parameter Validation Testing				\$ 120,000					

(b)(5)



2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year									
	2022	2023	2024	2025	2026	2027	2028	2029		
Governor	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	(b)(5)
Governor and Turbine Oil Replacement			\$ 225,000							
Governor Jockey Pump		\$ 4,000								
Governor Oil Sump Level Indication		\$ 5,000								
GSU Transformer #1 Metering CT Replacement	\$ 15,000									
GSU Transformer Maintenance	\$ 3,240				\$ 45,000					
GSU Transformer Oil Processing & Testing	\$ 165,780									
GSU Transformer Testing						\$ 45,000				
HVAC	\$ 3,200	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,800	\$ 3,800		
Inspect Upstream Coating Spillway Gate 4			\$ 60,000							
Instrumentation Parts	\$ 5,400	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Investigate Draft Tube Liner Issues	\$ 25,000									
MAINTENANCE - LGG BRONC	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	
Maintenance - Unanticipated Dam Repairs	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Maintenance Management System	\$ 15,000	\$ 15,000	\$ 17,000	\$ 17,000	\$ 18,000	\$ 18,000	\$ 20,000	\$ 20,000	\$ 20,000	
Maintenance Supplies for Electric Plant	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,400	
Mechanical & Piping	\$ 9,000	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 13,000	\$ 13,000	
Mechanical Parts	\$ 10,600	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	
Metal	\$ 10,000	\$ 13,000	\$ 13,000	\$ 14,000	\$ 14,000	\$ 14,500	\$ 14,900	\$ 15,300	\$ 15,300	
Mobile Crane Maintenance		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
North Rock Wall Scaling	\$ 75,000	\$ 150,000								
Oil Bearing Level Sensors - Unit 1		\$ 24,000								
Oil Bearing Level Sensors - Unit 2			\$ 24,000							
Oil Storage Tank Level Sensors		\$ 6,000								
Painting & Special Coatings	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	
Piezometer Pressure Transmitters	\$ 18,000	\$ 18,000	\$ 18,000							
Plant Lighting	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	
Plant Water Wells & Testing	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	
Protection & Control Support		\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	
Protective Relay Testing				\$ 55,000						
Recoat Top Deck Above Control Room	\$ 3,500									
Repaint Elevator Shaft Exterior	\$ 1,500									
Repaint Stairwell Interior	\$ 500									
Rotor Braided Jumpers	\$ 10,000									
Safety Equipment - Non PPE	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	
Sandblast and Coat Draft Tube Platform Brackets	\$ 3,000									
SCADA Network Support	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	\$ 10,700	
SCADA Support	\$ 120,000	\$ 200,000	\$ 120,000	\$ 124,000	\$ 128,000	\$ 132,000	\$ 136,000	\$ 140,000		
Seismic Study	\$ 150,000									
Septic System Maintenance - Dam				\$ 4,000			\$ 4,000			
Service Air Compressor	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	
Service Water System Design	\$ 2,500									
Service Water System Rehabilitation		\$ 45,000								
Sluice Gate Bulkhead Seals - Replacement		\$ 2,500								
SMAG Power Connection & Cable	\$ 4,500									

(b)(5)



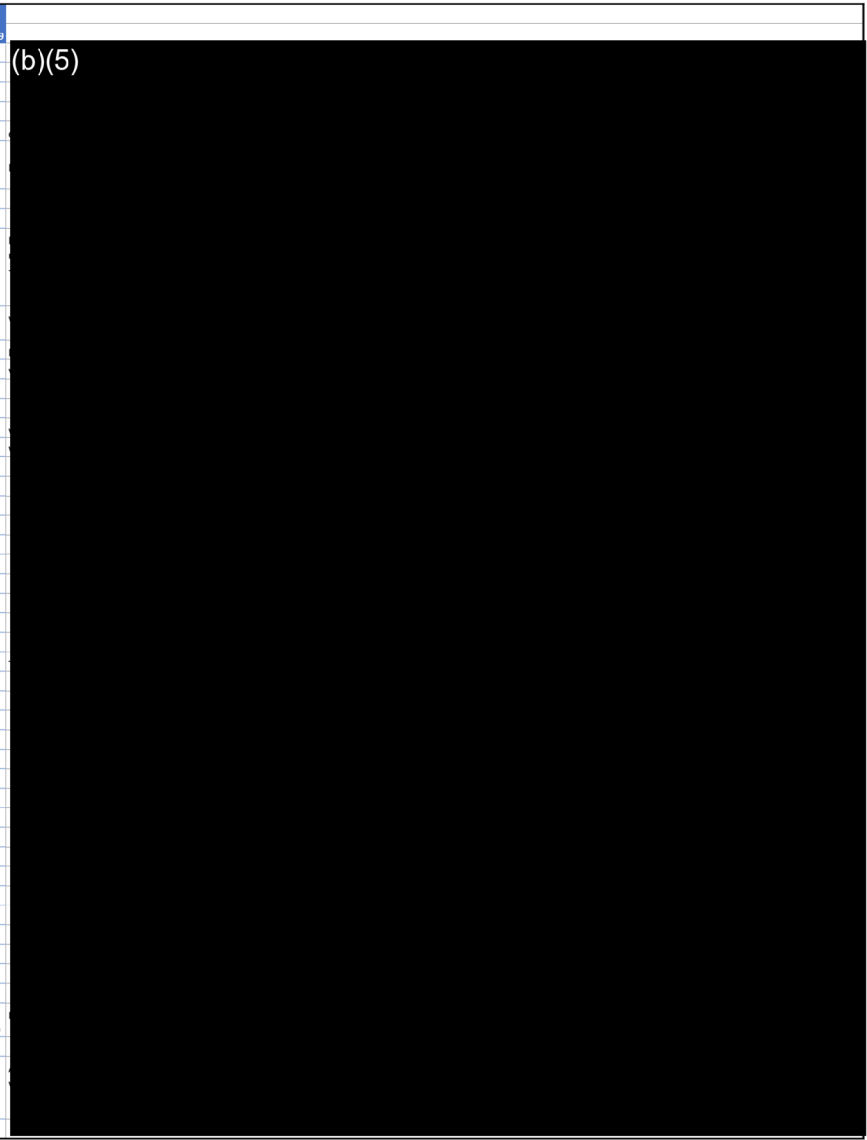
2023 - 2029 CFP Budget Estimates (2022 for reference)	Budget Year								
(Excludes Wages & Benefits)	2022	2023	2024	2025	2026	2027	2028	2029	
Smoke Detectors & Fire Water Systems	\$ 2,600	\$ 3,000	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,800	\$ 3,800	\$ 4,200	
Spillway Gate 4 Bottom Seal Repair			\$ 80,000						
Spillway Gate Finite Element Analysis		\$ 90,000							
Spillway Gates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	
Steel Structures & Equipment: Coating							\$ 600,000		
Structure Maintenance: Concrete, Fencing		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Temporary Offices	\$ -	\$ 230,000	\$ 72,000	\$ 72,000	\$ 72,000				
Tools & Equipment - Operations	\$ 15,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	
Transformer Oil Processing & Testing		\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	
Trunnion Friction Testing	\$ 65,000								
Turbidity Sensor Communication	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	
Turbine Oil Level Indication		\$ 15,000							
Turbine Shaft Seals	\$ 30,000	\$ 30,000							
Unit 1 Major Inspection & Cleaning									\$ 500,000
Unit 1 Turbine Hub & Discharge Ring Recoating									\$ 600,000
Unit 2 Major Inspection & Cleaning							\$ 500,000		
Unit 2 Turbine Hub & Discharge Ring Recoating							\$ 600,000		
Unit Control Board Meter Replacement	\$ 42,000								
Unit Turbine Gage Board Inputs into SCADA - Design	\$ 4,000								
Upper Guide Bearing Oil Sample Ports		\$ 4,000							
Warehouse Repairs	\$ 64,000								
OR&R	\$ 2,292,270	\$ 13,723,900	\$ 3,037,000	\$ 7,281,000	\$ 8,276,000	\$ 3,125,000	\$ 1,072,000	\$ 1,350,000	
5-Ton Bridge Crane	\$ 490,000	\$ 865,000							
Battery Bank Replacement		\$ 80,000							
Battery Chargers		\$ 60,000							
Boat Barrier Replacement - Alternative Analysis	\$ 35,000								
Boat Barrier Replacement - Design	\$ 41,375	\$ 80,000							
Boat Barrier Replacement - Installation		\$ 1,800,000							
Debris Barrier: Coating & Cathodic Protection - Construction		\$ 3,680,800							
Debris Barrier: Coating & Cathodic Protection - Design	\$ 60,000								
Downstream Boat Ramp			\$ 200,000	\$ 50,000					
Downstream Notification Siren - Design		\$ 10,000							
Downstream Notification Siren - Installation		\$ -	\$ 40,000						
Drainage Gallery Air Supply - Alternative Analysis		\$ 60,000							
Drainage Gallery Air Supply - Design			\$ 145,000						
Drainage Gallery Air Supply - Installation				\$ 450,000					
Drainage Sump Oil Skimmer - Design					\$ 45,000				
Drainage Sump Oil Skimmer - Installation							\$ 150,000		
Elevator Controls - Design		\$ 60,000							
Elevator Controls - Installation			\$ 125,000						
Elevator Roof Access - Design	\$ 10,000								
Elevator Roof Access - Installation		\$ 25,000							
Exciter Brush Dust Vacuum System	\$ 92,200								
Exciter Replacement - Design			\$ 125,000						
Exciter Replacement - Phase I				\$ 250,000					
Exciter Replacement - Phase II					\$ 700,000				
Fire Detection System Upgrade							\$ 42,000		
Gantry Crane Controls and Drive Upgrade - Design				\$ 150,000					
Gantry Crane Controls and Drive Upgrade - Upgrades							\$ 600,000		

(b)(5)



2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
Generator Cooling Water Refurbishment			\$ 78,000						
Generator Hatch Cover Seals & Drains	\$ 25,000	\$ 215,000							
Generator Protective Relay Replacement - Design		\$ 100,000							
Generator Protective Relay Replacement - Installation			\$ 50,000						
HVAC AH-1 Replacement Office Area		\$ 50,000							
Intake Gate Slot Cover - Alternative Analysis							\$ 100,000	\$ 150,000	
Lathe	\$ 18,000								
Mobile Diesel Generator & Log Bronc Cover	\$ 25,000								
New Facility - Construction				\$ 1,200,000	\$ 2,000,000				
New Facility - Design			\$ 180,000	\$ 100,000					
New Facility - Site Preparation	\$ 60,000	\$ 1,068,100							
Plant Auxiliary Equipment Inputs into SCADA - Design			\$ 8,000						
Plant Auxiliary Equipment Inputs into SCADA - Installation				\$ 38,000					
Revenue Meters	\$ 24,000								
Roadway Gates	\$ 12,000	\$ 18,000							
Roadway Lighting	\$ 20,000								
Service Water VFD & Controls Replacement		\$ 16,000							
Sluice Gate Replacement - CFD & Physical Model Design	\$ 115,605								
Sluice Gate Replacement - Construction 1			\$ 1,200,000						
Sluice Gate Replacement - Construction 2				\$ 1,400,000					
Sluice Gate Replacement - Construction 3					\$ 5,536,000				
Sluice Gate Replacement - Design 1	\$ 372,000								
Sluice Gate Replacement - Design 2		\$ 867,700							
Sonar & Turbidity Sensors	\$ 25,000								
South Downstream Abutment Wall Handrail	\$ 27,000								
South Well Pump			\$ 3,000						
Spillway 1 Apron Repairs						\$ 300,000			
Spillway 1 Apron Repairs - Alternative Analysis				\$ 60,000					
Spillway 1 Apron Repairs - Design					\$ 50,000				
Spillway 4 Gate Uplift Anchoring				\$ 250,000					
Spillway 4 Rail Extension - Construction		\$ 3,768,300	\$ -						
Spillway 4 Rail Extension - Design	\$ 330,025								
Spillway Gate Control - Alternative Analysis		\$ 50,000							
Spillway Gate Control - Design			\$ 200,000						
Spillway Gate Control - Installation				\$ 75,000					
Spillway Gate Hoist Covers - Construction	\$ 95,000								
Spillway Gate Hoist Covers - Design	\$ 25,000								
Spillway Gate Structural Reinforcement				\$ 500,000					
Spillway Handrail & Guardrail	\$ 226,585								
Station Air Compressor Replacement							\$ 60,000		
Station Service cabinet Inputs Into SCADA - Design		\$ 4,000							
Station Service cabinet Inputs Into SCADA - Installation			\$ 16,000						
Station Service Circuit Breaker Replacement - Alternative Analysis						\$ 60,000			
Station Service Circuit Breaker Replacement - Design							\$ 120,000		
Station Service Circuit Breaker Replacement - Installation								\$ 1,200,000	
Surge Arrestor Replacement						\$ 20,000			
Tailrace Repairs & Improvements - Alternative Analysis			\$ 60,000						
Tailrace Repairs & Improvements - Design					\$ 250,000				

(b)(5)



2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
Tailrace Repairs & Improvements - Installation						\$ 2,000,000			
Transmission Line Access - Bridge Replacement		\$ 275,000	\$ -	\$ -	\$ -				
Trash Rake - Alternative Analysis	\$ 86,850								
Trash Rake Construction			\$ 700,000	\$ 1,070,000					
Trash Rake Design		\$ 191,000							
Trash Removal System - Alternative Analysis	\$ 76,630								
Trash Removal System - Construction			\$ -	\$ 1,700,000					
Trash Removal System - Design		\$ 300,000	\$ 50,000						
Unit Instrumentation - Alternative Analysis		\$ 45,000							
Unit Instrumentation - Design			\$ 45,000						
Unit Instrumentation - Installation				\$ 200,000					
Unit Turbine Gage Board Inputs into SCADA - Installation		\$ 35,000							
Operations	\$ 405,440	\$ 424,900	\$ 373,040	\$ 375,940	\$ 380,880	\$ 381,580	\$ 396,020	\$ 401,620	
O&M	\$ 291,040	\$ 262,600	\$ 230,640	\$ 233,440	\$ 238,280	\$ 238,880	\$ 242,820	\$ 248,320	
1D Sediment Transport Study	\$ 100,000								
Advertising - Dam	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	
CFP Cell Phones	\$ 1,600	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	\$ 8,400	
CFP Telephones	\$ 7,000	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	\$ 10,800	
CFP Vehicle Verizon Connect	\$ 540	\$ 2,300	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900	
COMMUNICATIONS - RADIOS, ETC	\$ 7,900	\$ 8,100	\$ 8,100	\$ 8,100	\$ 8,300	\$ 8,400	\$ 8,400	\$ 8,400	
Communications Fiber - User Fee	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	\$ 48,500	
Computer & Supplies		\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	
Dam Safety Consultant	\$ 62,000	\$ 64,000	\$ 66,000	\$ 68,000	\$ 70,000	\$ 72,000	\$ 74,000	\$ 76,000	
Electric Utilities - Secondary Power Feed	\$ 11,500	\$ 11,800	\$ 12,100	\$ 12,400	\$ 12,400	\$ 12,400	\$ 12,800	\$ 12,800	
Fall Protection Equipment	\$ 6,000	\$ 6,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 1,000	\$ 4,000	
FERC Dam Movement Survey	\$ 8,400	\$ 8,800	\$ 8,800	\$ 9,000	\$ 9,000	\$ 9,200	\$ 9,200	\$ 9,400	
FR Clothing - CFP	\$ 9,500	\$ 9,500	\$ 10,000	\$ 10,000	\$ 10,500	\$ 10,500	\$ 11,500	\$ 11,500	
GARBAGE SERVICE - OPERATIONS	\$ 2,400	\$ 2,400	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,700	\$ 2,700	
Operator Remote SCADA Communications	\$ 8,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,200	\$ 9,200	
Operator Supplies - Dam	\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
Portable Restrooms - Dam	\$ -								
Respirator Fit Testing		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
Rope Access Gear	\$ 3,000	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	
Security/Plant Locks	\$ 300	\$ 300	\$ 340	\$ 340	\$ 380	\$ 380	\$ 420	\$ 420	
Sedimentation Report		\$ 50,000							
Sedimentation Report Annual Updates		\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	
Sedimentation Survey	\$ 5,200	\$ 5,800	\$ 5,800	\$ 6,000	\$ 6,000	\$ 6,200	\$ 6,200	\$ 6,400	
Shelving & Furniture	\$ 7,000								
Subscriptions, Prints, Copies and Maps	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	
OR&R	\$ 75,400	\$ 105,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 95,000	\$ 95,000	
Major Office & Network Equipment	\$ 25,400	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	
Security Improvements	\$ 50,000	\$ 80,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 70,000	\$ 70,000	
Special O&M	\$ 39,000	\$ 57,300	\$ 57,400	\$ 57,500	\$ 57,600	\$ 57,700	\$ 58,200	\$ 58,300	
CF Vehicle and Equipment Fuel	\$ 16,000	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	\$ 31,200	
CF Vehicle Maintenance	\$ 12,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	
CONSUMABLE SUPPLIES - HHST AID	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	
CONSUMABLE SUPPLIES - JANITORIAL	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,300	\$ 1,500	\$ 1,500	
CONSUMABLE SUPPLIES - SAFETY & PPE	\$ 6,500	\$ 6,600	\$ 6,700	\$ 6,800	\$ 6,900	\$ 7,000	\$ 7,100	\$ 7,200	
Recreation	\$ 2,016,800	\$ 526,760	\$ 567,660	\$ 319,760	\$ 593,460	\$ 833,280	\$ 334,780	\$ 346,260	
O&M	\$ 416,800	\$ 306,760	\$ 307,660	\$ 319,760	\$ 320,460	\$ 332,280	\$ 334,780	\$ 346,260	

(b)(5)

2023 - 2029 CFP Budget Estimates (2022 for reference)									
	Budget Year								
	2022	2023	2024	2025	2026	2027	2028	2029	
(Excludes Wages & Benefits)									
Advertising	\$ 3,000	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600
Boat Launch Sediment Removal	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Building Maintenance	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Campground Fire Pits Graveling	\$ 500								
Campground Hosts	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 150,000	\$ 155,000	
Campground Internet	\$ 3,000	\$ 3,200	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600	
Campground Reservation Software	\$ 5,000	\$ 5,200	\$ 5,200	\$ 5,400	\$ 5,400	\$ 5,400	\$ 5,600	\$ 5,600	
Campground Restroom Improvements	\$ 30,000								
Campground Telephone	\$ 1,300	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,700	\$ 1,700	
Campground Wood Chips	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	
Contract Septic and Water Services	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	\$ 27,000	
Contract Services (Backhoe, Gravel)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contract Services (Dock Installation and Removal)	\$ 2,500	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ 2,900	\$ 2,900	
D-Loop Electrical Design & Feed Replacements	\$ 30,000								
Electric Utilities	\$ 6,400	\$ 11,500	\$ 11,700	\$ 11,900	\$ 12,100	\$ 12,300	\$ 12,500	\$ 12,700	
EQUIPMENT REPAIRS - PARK	\$ 3,200	\$ 3,500	\$ 3,700	\$ 3,700	\$ 3,700	\$ 3,700	\$ 4,200	\$ 4,200	
GARRAGE SERVICE - RECREATION	\$ 6,400	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,900	\$ 6,900	\$ 6,900	
Group B Annual Operating Fee - Falls Road Well	\$ -	\$ 50	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	\$ 60	
MAINTENANCE - GROUND	\$ 3,200	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600	
MAINTENANCE - SEWER & WATER SYSTEM	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	
Noxious Weed Control	\$ 5,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,500	\$ 6,500	
Operation Supplies	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,400	\$ 2,400	
Port Blakely Road Access Agreement	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	
Port Blakely Road Maintenance	\$ 13,500	\$ 13,500	\$ 14,000	\$ 14,000	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500	
Portable Restrooms	\$ 2,300	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000	
Potable Water and Septic System Testing	\$ 2,000	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,400	\$ 2,400	
Recreation Assessment	\$ 90,000								
Recreation Tree Removal	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Repairs & Supplies	\$ 10,000	\$ 10,000	\$ 11,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,900	\$ 12,900	
Septic System Maintenance - Recreation	\$ -	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ 6,000	\$ -	\$ 6,000	
Sign Replacements	\$ 2,200	\$ 2,500	\$ 2,500	\$ 2,600	\$ 2,600	\$ 2,720	\$ 2,720	\$ 2,800	
Tools & Equipment - Recreation	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,400	\$ 3,400	\$ 3,600	\$ 3,600	\$ 3,800	
OR&R	\$ 1,600,000	\$ 220,000	\$ 260,000		\$ 273,000	\$ 501,000		\$ -	
Campground & Day Use Park Paving		\$ 150,000			\$ 164,000			\$ -	
Campground A Loop Restroom - Design		\$ 60,000							
Campground A Loop Restroom - Installation			\$ 260,000						
Campground Electrical Replacement - Design				\$ 64,000					
Campground Electrical Replacement - Installation					\$ 322,000				
Campground Storage Building - Design				\$ 45,000					
Campground Storage Building - Installation					\$ 179,000				
Copper Canyon Take Out Site Improvements	\$ 1,600,000								
Day Use Park Flat Water Kayak Take Out		\$ 10,000							
Taxes	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
O&M	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100	\$ 65,100
County Taxes	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	\$ 700	
Ecology Water Tax	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	
Privilege Tax	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	\$ 56,900	
Training & Travel	\$ 215,650	\$ 135,910	\$ 129,060	\$ 91,400	\$ 90,300	\$ 82,300	\$ 80,700	\$ 80,700	
O&M	\$ 191,850	\$ 109,110	\$ 112,760	\$ 67,100	\$ 63,500	\$ 64,500	\$ 50,000	\$ 50,000	
American Fisheries Society Meeting	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	
American Governor Analog Gov Training	\$ 7,000	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500			
American Governor School		\$ 8,000	\$ 8,000						
ASDSO Conference	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
AVO Circuit Breaker Maintenance		\$ 5,000							
AVO Electrical Series	\$ 4,350	\$ 4,350							
AVO Substation Maintenance I		\$ 5,000	\$ 5,000						

(b)(5)

2023 - 2029 CFP Budget Estimates (2022 for reference) (Excludes Wages & Benefits)	Budget Year							
	2022	2023	2024	2025	2026	2027	2028	2029
AVO Thermography I		\$ 5,000						
AVO Thermography II			\$ 5,000	\$ 5,000	\$ 5,000			
CEATI - ANNUAL MEETING	\$ 3,000	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500
CEATI - ASSET Management Meeting		\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
CEATI - DSG MEETING	\$ 2,200	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400
CEATI - HPEIG MEETING		\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400	\$ 4,400
CEATI - HPLIG MEETING	\$ 2,800							
EPTC Fundamentals of Electricity	\$ 7,200							
EPTC Generation Series	\$ 3,600							
EPTC Power Plant Operation		\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
EPTC Relay Protection		\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
EPTC Switching & Grounding		\$ 7,000	\$ 7,000					
EPTC System Operations Personal Grounding	\$ 1,260	\$ 1,260	\$ 1,260					
EPTC Transmission Series	\$ 3,600	\$ 3,600	\$ 3,600	\$ 3,600				
HSI Online Training	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
HydroVision	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
NW Hydro Forum	\$ 800	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600
NWHA - ANNUAL MEETING	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800
NWHA - WORKSHOP	\$ 500	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
NWPPA - LEADERSHIP TRAINING	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400
OPERATOR TRAINING DEVELOPMENT 2022	\$ 130,000							
TPC - ELECTRICAL WORKSHOP	\$ 4,350	\$ 6,000	\$ 3,000					
TPC - MECHANICAL FUNDAMENTALS AND TROUBLESHOOTING	\$ 2,390	\$ 2,400	\$ 2,400					
TRAINING - CRANE		\$ 4,000	\$ 6,000			\$ 6,000		
TRAINING - MANLIFT/FORKLIFT			\$ 4,000					
TRAINING - PESTICIDE APPLICATION	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600	\$ 1,600
TRAINING - WATER & WASTEWATER	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
Wildlife Classes	\$ 4,000	\$ 4,000	\$ 4,000					
Special O&M	\$ 23,800	\$ 26,800	\$ 16,300	\$ 24,300	\$ 26,800	\$ 17,800	\$ 30,700	\$ 30,700
ARC FLASH TRAINING		\$ 3,000					\$ 3,000	
NWPPA - ADMIN ASST TRAINING	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400	\$ 2,400
TRAINING - COMPUTER	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 800	\$ 1,000	\$ 1,000
Training - Confined Space		\$ 8,000			\$ 10,000			\$ 11,000
TRAINING - FALL PROTECTION	\$ 8,000			\$ 8,000			\$ 8,000	
TRAINING - ROPE ACCESS	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 9,000	\$ 10,000	\$ 10,000
WPUDA - ADMIN ROUNDTABLE	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 800	\$ 800
WPUDA/APPA/NWPPA - ACCOUNTANT TRAINING	\$ 4,000	\$ 4,000	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 5,500	\$ 5,500
Transmission	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000
O&M	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 60,000	\$ 60,000	\$ 60,000
ROW Maintenance	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Transmission Line Corridor Planting	\$ 3,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000			
Wheeling	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000
Wheeling	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000
Transmission Wheeling - Offset Entry	\$ 768,000	\$ 791,000	\$ 815,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000	\$ 839,000
Grand Total	\$ 8,846,290	\$ 19,441,670	\$ 7,731,620	\$ 12,303,360	\$ 13,922,150	\$ 8,226,250	\$ 7,742,080	\$ 6,671,110

(b)(5)

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

Date: April 22, 2022
To: Debbie Carlson, Cowlitz Falls Project Manager
From: Bradley Ford, CPA, Chief Financial Officer
Re: Operating Working Capital

Per Sections 9(a)(3)(A) and 9(a)(3)(B) of the AMENDATORY CONTRACT FOR POWER PURCHASE Contract No. 1 DE-MS79-91BP93212 executed between the BPA and the District dated May 23, 1991, a true up is to be performed of actual Operating Working Capital as compared to the budgeted amount for the operating year. The difference either reduces or increases the next month's BPA reimbursement by the amount of unexpended funds or over expended funds.

OY 2021 Operating Working Capital reconciliation:

Cash in Bank	12/31/2021	\$1,708,287
Add/(Subtract):	Due From ES	2,107
	A/P Accrual	(398,216)
	Payroll Accrual	(98,663)
	Taxes Accrual	(50,738)
	Operating Working Capital	<u>(350,500)</u>
	Excess	\$ 812,277



EXHIBIT F - Operating Period

2021 Calculation (REVISED)

Subtract Items:	Actual 2021
Oceans Satellite Phones-Vendor# 20425	397
Moss Adams Financial Audit-Vendor# 11266	28,539
SAO Accountability Audit-Vendor# 11292	3,393
SAO Review Audit-Vendor# 11292 CPA Review	1,697
Legal Retainer-Vendor# 10367	100,008
Fire District Payments-Lewis Co Fire District No. Multiple vendors	59,480
Compliance Consultant-Vendor# 20188	26,668
Bank Analysis-Vendor #10260	50
Downtown Office Water-Vendor# 20519	1,380
Morton Business License-Vendor# 10983	40
Workplace Enhancements	0
Chehalis Operations - Building Maintenance	95,121
Chehalis Operations - Janitorial	26,099
Property Insurance	337,643
Mowing/Admin Cost Working With EPA	2,839

CY2021 Electric System A&G Cost Pool Total - Budget	\$ 2,738,200
CY2021 Electric System A&G Cost Pool Total - Actual	\$ 2,693,458
Adjustments:	
Subtract Items that are direct billed to CFP	\$ (220,181)
Subtract Items that have no benefit to CFP	\$ (463,173)
Add Chehalis & Morton Admin Building Insurance	\$ 10,129
Adjusted CY2021 Electric System A&G Cost Pool Total	\$ 2,020,233
	CFP Amount
CY 2021 Allocation Factor = three-year average (2017 -2019) 18.70%	\$ 377,784

EXHIBIT F - Operating Period

2021 Calculation

Year	Source: Audited Financial Statements						Source: District Data		
	Total Utility Plant			Total Operating Revenues			Total Wages		
	ES	CFP	Total	ES	CFP	Total	ES	CFP	Total
2017	185,623,794	158,206,197	343,829,991	72,691,900	11,811,195	84,503,095	9,633,657	1,236,641	10,870,298
2018	189,613,525	158,294,032	347,907,557	74,171,998	11,151,871	85,323,869	10,198,539	1,117,983	11,316,523
2019	193,349,500	158,249,986	351,599,486	80,472,600	11,420,736	91,893,336	10,724,272	1,347,976	12,072,249

Year	Total Utility Plant CFP / Total		Total Operating Revenues CFP / Total		Total Wages CFP / Total	
2017	46.00%		14.00%		11.40%	
2018	45.50%		13.10%		9.90%	
2019	45.00%		12.40%		11.20%	

weighting percentage		20%	40%	40%	
Year	Total Utility Plant CFP / Total	Total Operating Revenues CFP / Total	Total Wages CFP / Total	Annual 3-factor %	
2017	9.20%	5.60%	4.60%	19.40%	
2018	9.10%	5.20%	4.00%	18.30%	
2019	9.00%	5.00%	4.50%	18.50%	

CFP Average 18.70%

Year	Total Utility Plant ES / Total		Total Operating Revenues ES / Total		Total Wages ES / Total	
2017	54.00%		86.00%		88.60%	
2018	54.50%		86.90%		90.10%	
2019	55.00%		87.60%		88.80%	

weighting percentage		20%	40%	40%	
Year	Total Utility Plant ES / Total	Total Operating Revenues ES / Total	Total Wages ES / Total	Annual 3-factor %	
2017	10.80%	34.40%	35.40%	80.60%	
2018	10.90%	34.80%	36.00%	81.70%	
2019	11.00%	35.00%	35.50%	81.50%	

ES Average 81.30%

The calculation of ES Average is included for completeness ONLY

→ x-check: sum CFP + ES = 100%

TRUE

Brad,

Thank you for providing the FY21 actuals from the CFP. BPA has review FY21 actuals and would appreciate confirmation of the following results:

1. Debris Barrier Coating and Cathodic Protection – Design
Justification Sheet amount: \$280,046
Prior actuals to date: \$231,065
Remaining of budgeted after actuals: \$48,981

2. New Facility – Site Preparation
Justification Sheet amount: \$919,828
Prior actuals to date: \$30,290
Remaining of budgeted after actuals: \$889,538

3. 2ea 5-ton Bridge Cranes
Justification Sheet amount: \$650,000
Prior actuals to date: \$13,687
Remaining of budgeted after actuals: \$636,313

4. Sluice Gate Replacement – CFD & Physical Model Design (ONLY)
Justification Sheet amount: \$398,145
Prior actuals to date: \$312,926
Remaining of budgeted after actuals: \$85,219

5. Spillway Handrail and Guardrail
Justification Sheet amount: \$110,000
Prior actuals to date: \$30,240
Remaining of budgeted after actuals: \$79,760

6. Please confirm the FY21 actuals for the control room repairs project. It was BPA's understanding that there should have been ~\$48,256 expended in FY21 for this project, but it does not seem to be annotated in the FY21 EOY actuals summary.
7. Please confirm the FY21 actuals for the temporary offices. It is our understanding that some funding may have been spent to perform tests/drilling, but it does not seem to be annotated in the FY21 EOY actuals summary. Was this performed as part of the new facility – site preparation?

Thank you,

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

Sent: Fri Jun 24 13:13:52 2022

To: Sonoda,Cherie D (BPA) - PGAC-RICHLAND; Todd,Wayne A (BPA) - PGA-6; Manary,David (BPA) - LG-7; Smith,Glen A (BPA) - PG-5

Subject: FW: OY 2022 CFP Budget

Importance: Normal

Attachments: 2022 CFP Budget - Changes.pdf; 2022 CFP Budget Expense Categories - Summary.pdf; 2022 CFP Budget Expense Categories - Detail (a).pdf; 2022 CFP Budget Expense Categories - Detail (b).pdf; 2022 CFP Budget - Summary.pdf; 2022 CFP Budget OR&R - Detail.pdf; 2022 CFP Budget Reimbursement Schedule.pdf; 2023 - 2028 CFP Budget - Estimates.pdf

I have not looked at these documents. Brad said the budget itself is pretty much the same one they sent to us in December.

Joe has sent three messages pertaining to money for the CFP:

1 – funding (~\$25K) for HDR to do a study to see if the CFP is eligible for funding from the infrastructure bill; he stated they had an overall underrun of dollars in the OY 2022 budget which would cover this task (it is possible they COULD get as much as \$5M)

2 – funding (~\$15.6K) for Free Doc to help the CFP in cleaning up and organizing their documents (I do wonder what was done with the part time people that were hired to do this work a few years ago and what does their admin do?)

3 – the boat barrier funds have been expended for OY 2022 (design has been included – but it costs \$200K); Joe said not all the \$200K would be spent in OY 2022 and could be moved out to OY 2023 so they thought about

increasing the OY 2022 budget OR defer to OY 2023) (this tells me that the underrun that was mentioned in #1 doesn't make sense

From: Brad Ford <bradf@lcpud.org>
Sent: Friday, June 24, 2022 12:18 PM
To: Carlson,Debbie (BPA) - PGAC-RICHLAND <dcarlson@bpa.gov>
Subject: [EXTERNAL] OY 2022 CFP Budget

Hi Debbie,

As we briefly discussed this morning, attached are updated CFP OY 2022 Budget documents and a recap of the changes to classifications, staffing, OR&R, expenses and reimbursements.

I am looking forward to our meeting on Monday, June 27.

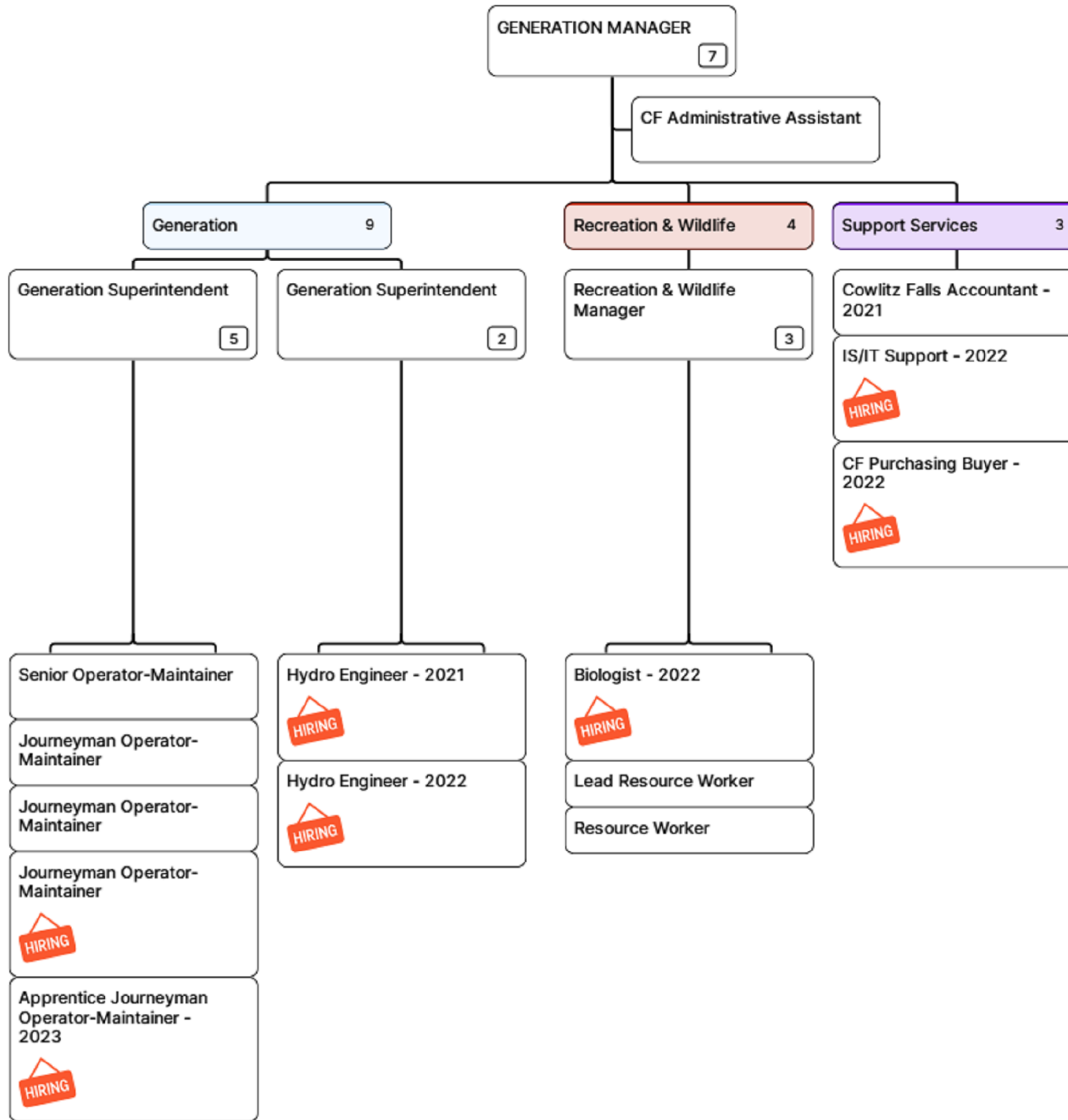
Have a great weekend!

Brad

360.740.2417

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Maintenance O&M

Bridge Sections Inspection & Analysis

- What is the scope of work for this analysis? Which sections (piers, contraction joints, other non-linear interfaces)? Entirety of the bridge deck?
- This entry was not in previous budget cycles, what is the reasoning for needing to complete this year?
- Will the results from this bridge section inspection and analysis be used for the “Spillway 4 Rail Extension” project, or no additional concerns?

Internal comments: During previous FY22 JS discussions regarding the “Spillway 4 Rail Extension,” I brought up concerns on load capacity and if the bridge deck analysis had been completed. I believe CFP indicated that a structural analysis had been completed previously. After obtaining the “Spillway 4 Rail Extension” Alternative Analysis, McMillen indicated the mobile crane alternative (without cribbing) would overload the deck indicating some load analysis was completed for this project. It is possible that McMillen was only looking at specific loads and sections of the dam, but it would be good to clarify/ensure what load analysis has been completed. Note: I did see CFP indicated this has “never been looked at” which seems different from my previous understanding so it would be good to clarify the scope for the “bridge sections inspection & analysis” entry.

Special O&M

Temporary Office Space

- What is the current estimate?
- Do you have the required permits? If not, when do you expect them?
- What is the expected timeline after permits are received?

Additional questions/comments:

- Please update the JS.
 - What is the current cost of this project? The anticipated budget costs (\$446K) are not lining up with the JS.
 - Is CFP leaning towards the recommend alternative #1 (total \$200K) or alternative #2 (~\$690K)? It seems like the recommended alternative #1 but the JS needs to be updated to reflect intended annual costs of \$72K through FY26.
 - Note: BPA and CFP worked on a JS with LCPUD edits incorporated November 29th 2021. It seems CFP/LCPUD did not use the latest JS when making updates on the May 26th 2022 JS. Costs are a little different for alternative #2: costs identified were \$59.2K (Actuals), \$25K (design January –

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April 2022), and \$600K (construction August – November 2022).

- Schedule needs to be updated on the JS.

Internal Discussion: As you indicated above, it appears CFP is still waiting on the permit for well/water system. Similar to FY22 budget, I recommend that not all funds are approved until permit is obtained and have updated JS (please see column L of “Draft 2023-2029 Budget” excel file for additional information). Note: On JS, CFP comment indicated CFP/LCPUD will not do anything until water issue is resolved.

Procurement Supervisor – Increase percentage from 15% to 50% from '22 to '23.

- What additional workload was added to this position in support of CPF to warrant such an increase?
- Please identify the new workload tasks and estimated hours to complete each task for '23.

Purchaser buyer (2) – two positions increasing CFP, one from 0% to 70% and one from 10% to 30% from '22 to '23.

- This looks like one of the three positions that is in dispute.
- What additional workload was added to this position in support of CPF to warrant such an increase?
- Please identify the new workload tasks and estimated hours to complete each task for '23.

Administration Position – Increase charging to Cowlitz Falls from 0% to 5% from '22 to '23.

- What duties have increased to warrant the change?
- Please identify the new workload tasks and estimated hours to complete each task for '23.

F&W Technician

- This looks like a disputed position.
- Looking for the workload and duties for this position as it would appear that, with Tacoma taking over fish related issues, the workload for a fish biologist and technician should have decreased. What new workload or duties that are not being supported by Tacoma would this position accomplish?
- Please identify the new workload tasks and estimated hours to complete each task for '23.

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CF Network Admin/Network Admin II – Increase in combined charges of 105% from '22 to '23 (90% and 15% respectively).

- This looks like the third disputed position.
- What changed in IT support of CFP that requires the additional manpower?
- What specific duties and estimated annual personnel hours are required to support the additional workload?

Business Services Manager – Increase from 0% to 12.5% from '22 to '23.

- What changed to prompt support from the Business Services Manager?
- What is the estimated annual personnel hours needed to support this change?

Long Range Plan Analysis

- In FY22, the overall task order Revision 1 was ~\$112K to revise and setup a mutually agreed upon LRP. How much of the task order has been executed in FY22, so far?
- Will there be a larger cost for this budget line item in FY23? It seems like there could be a larger upfront cost.

Document Management Software

- Is this an annual contract cost for document/data retention?
 - What is the scope of work? Is this software only?
- Did you receive a quote for this annual cost? Are they guaranteeing \$30K per year (i.e. no inflation for out years)?
- What type of information does CFP/LCPUD intend to store? CFP only?
- Is this going to cause any security issues?

Document Scanning

- Is this to be contracted out?
- Is this scanning documents for the document management software?
- Does this line item overlap with records clean up?
- BPA has concern this will become a long term budget line item if no annual targets per year. Please quantify how much work needs to be completed in total and what the contractor is to complete annually.

Records Clean Up

- Organizing and filing seems like standard/routine responsibilities. Is this part of CFP/LCPUD staff and admin annual tasks? Could you assist by informing BPA of how this work differs from typical day to day organization?
- What was the impetus for this budget line item being added in FY23? Document management software and document scanning?