Department of Energy



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

FREEDOM OF INFORMATION ACT/PRIVACY PROGRAM

November 19, 2018

In reply refer to: FOIA BPA 2018-01598-F

Douglas J. Albright Actuation Test Equipment Company 3393 Eddie Road Winnebago, IL 61088

Email: <u>DudleyDevices@Aol.com</u>

Dear Mr. Albright,

This communication is the Bonneville Power Administration's (BPA) final response to your request for agency records made under the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). Your records request was initially received by BPA on September 11, 2018. Your records request was formally acknowledged on October 18, 2018.

Request

"...any memos and reports regarding a tally of the water-spilling schedule on the Columbia River that is being mandated by the U.S. Federal Court [to include] records of spilling as far back as it has been ordered by the Court."

Information Provided & Request Clarifications

In partial response to your request, the agency provided you, via email on September 13, 2018, some publicly available information responsive to your request. The agency's Duty Scheduling office provided you the following internet links:

Reports: http://pweb.crohms.org/tmt/documents/ops/

USACE parent sites: http://www.nwd.usace.army.mil/Missions/Water/Columbia/ and http://www.nwd.usace.army.mil/Missions/Water/Columbia/Water-Control-Data/

On September 19, 2018, via reply email, you indicated that the above links "...have the information in a general form, but I was hoping for something more specific." On September 20, 2018, via reply email, BPA responded with the following link(s) more granularly responsive to your request:

Technical Management Team Main Page: http://pweb.crohms.org/tmt/

That information was provided by the Technical Management Team, an inter-agency technical group responsible for making recommendations on dam and reservoir operations. Of specific interest to you may be the data and reports at the following two subsections:

Water Quality Data

TDG Gauge Detailed Reports — http://pweb.crohms.org/ftppub/water_quality/tdg/ Spill Reports - % — http://pweb.crohms.org/ftppub/water_quality/spill/

And:

Documents & Reports

Water Management Plan — http://pweb.crohms.org/tmt/documents/wmp/
Fish Passage Plan (FPP) — http://pweb.crohms.org/tmt/documents/fpp/

On September 19, 2018, you also narrowed your request to, "...a tally of how much spilling is mandated at each dam by percentage, time periods and a correlation to dollars for the spilled water on an annual basis."

On October 22, 2018, you further also narrowed your request to, "...a 1-minute executive overview of the spill magnitude... [and/or] ...a handout that says something like, 'we've been spilling half the water half of the year at an annual cost of \$xxx this year...' with some tabular data showing these criteria going back a few years. This is the one I want."

Response

Records searches were conducted in the agency's Long Term Power Planning offices and Revenue Requirement, Repayment & Financial Strategy offices. Responsive records were provided to the FOIA Office. BPA is herein releasing 2 pages in full. Those agency records accompany this communication.

The two records provided by the Revenue Requirement, Repayment & Financial Strategy offices are responsive to the annual cost portion of your request. More specifically, row 28 of "FW Costs through 2017 for Council" shows the total annual cost of hydro system operations for fish and wildlife, which includes, but is not limited to, spill operations for anadromous fish. BPA does not quantify the cost of spill alone. Similarly, the "UNSLICED Annual Average Hydro Operations Effects" row of the second file shows actual and forecast costs of hydro system operations for fish and wildlife. Again, these cost figures include more operations than solely spill for anadromous fish.

Spill operations are planned and implemented on a project by project basis. Thus, spill operations are described at the project level (see Fish Passage Plan link provided, above), rather than as a system total.

Fee

There are no FOIA fees applicable to the fulfillment of your request for BPA records.

Certification

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the records release and determinations described above. Your FOIA request BPA-2018-01598-F is now closed with all available agency records provided.

Appeal

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

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

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to OHA.filings@hq.doe.gov, including the phrase "Freedom of Information Appeal" in the subject line. (The Office of Hearings and Appeals prefers to receive appeals by email.) The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE's records are situated, or (4) in the District of Columbia.

You may contact BPA's FOIA Public Liaison, Jason Taylor, at the address at the letter header for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services National Archives and Records Administration 8601 Adelphi Road-OGIS College Park, Maryland 20740-6001 e-mail at ogis@nara.gov telephone at 202-741-5770 toll free at 1-877-684-6448 facsimile at 202-741-5769 Questions about this communication may be directed to James King, CorSource Technology Group LLC, at jiking@bpa.gov and 503.230.7621.

Sincerely,

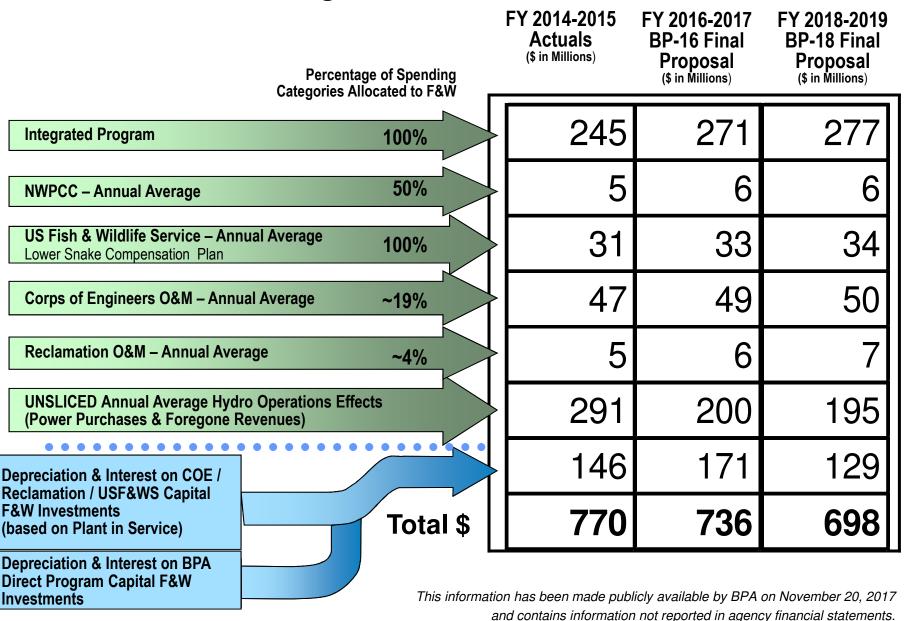
Candice D. Palen

Freedom of Information/Privacy Act Officer

Responsive records attached

anlible

Total Annual Average Cost of BPA Fish & Wildlife Actions



Total Cost of BPA Fish & Wildlife Actions

COST ELEMENT	1978-1980	1981	1982	1983	1984	1985	1986	1987	1988	1989 1	1990	1991	1992 199	93 19	994 1	995 199	16 19	1998	1999	2000	2001	2002	2003	2004	2005 2000	3 2007	2008	2009	2010	2011	2012	20	13	2014	2015	2016	2017	1980 through 201
CAPITAL INVESTMENTS 1/																																						
BPA FISH AND WILDLIFE				-		10.2	2 8.0	4.7	7.7	8.3	16.2	17.7	11.2	17.3	20.5	32.5 2	26.0	28.1 22	.0 14.3	7 13	1.9 16.5	6.1	11.6	8.5	12.2 3	5.4 35.	25.5	27.4	40.0	90.	.2 5	57.5	52.1	37.4	21.4	16.0	5.4	
BPA SOFTWARE DEVELOPMENT COSTS							-		-				-													0.9 1.0	1.3	0.6	1.2	0.	.8	0.4	0.0	0.1	1.4	1.2	1.4	
ASSOCIATED PROJECTS (FEDERAL HYDRO)	30.0	17.9	61.7	7 55.1	9.0	46.4	4 9.1	78.6	7.6	5.3	4.5	4.0	0.9	85.8	39.4	39.3 4	45.1 ((42.6)	14.	47	.0 6.2	8.8	68.4	75.9	53.8 36	0.0 60.	37.3	135.7	56.4	103	.0 11	14.5	103.6	101.7	81.4	34.1	58.9	2,
TOTAL CAPITAL INVESTMENTS	30.0	17.9	61.7	7 55.1	9.0	56.6	5 17.1	83.3	15.3	13.6	20.7	21.7	12.1 1	03.1	59.9	71.8 7	71.1 ((14.5) 22	.0 28.8	3 60	.9 22.7	14.9	80.0	84.4	66.0 39	6.3 96.	64.2	163.7	97.6	193.	.9 17	72.3	155.7	139.2	104.1	51.4	65.6	2,
PROGRAM EXPENSES					-			-	-	-			-																									
A DIRECT FISH AND WILDLIFE PROGRAM	2.3	2.3	4.6	9.1	19.6	15.9	9 19.6	22.2	18.8	23.0	32.8	33.0	67.0	49.6	55.9	71.4 €	68.5	82.2 104	.9 108.2	108	1.2 101.	137.1	140.7	137.9	135.8 13	7.9 139.	148.9	177.9	199.6	221	.1 24	18.9	239.0	231.8	258.2	258.1	254.7	4
H & WILDLIFE SOFTWARE EXPENSE COSTS																																	0.2	0.3	0.1	0.0	0.0	
PPLEMENTAL MITIGATION PROGRAM EXPENSES 20																					2.9	7.1	6.5	7.8	0.0	0.0	0.0	0.0	0.0	0.	.0	0.0		0.0	0.0	0.0	0.0	
MBURSABLE/DIRECT-FUNDED PROJECTS ²											-		-		-																							
O & M LOWER SNAKE RIVER HATCHERIES		0.5	1.0	0 2.2	3.6	5.4	4 4.9	5.8	5.1	7.6	8.3	8.7	11.2	11.2	12.4	12.7	11.5	11.8 11	.4 13.0	12	14 12.	14.9	15.1	17.3	17.2 2	0.1 19.3	19.4	20.8	23.3	24	.5 2	22.0	28.7	31.0	30.9	28.6	26.0	
O & M CORPS OF ENGINEERS	15.0	5.4	7.6	6 9.1	10.0	11.4	4 15.8	20.7	10.5	12.3	11.5	11.8	13.3	14.0	16.9	17.8 1	18.2	18.9 18	.5 19.5	19	.7 23.	28.2	30.3	32.3	32.5 3	1.8 32.	34.4	34.3	36.5	40.	.3 4	11.1	39.2	47.8	46.4	48.2	46.8	
O & M BUREAU OF RECLAMATION							-		-				-	1.2	1.3	1.3	1.5	1.5 2	.7 2.6	3 1	.8 3.0	3.8	3.1	3.9	3.9	4.5 3.1	4.3	4.5	5.2	5.	.0	5.3	5.6	6.6	2.6	6.0	7.0	
NW POWER AND CONSERVATION COUNCIL ALLOCATED @ 50%		0.2	2.9	9 2.9	2.4	3.1	1 3.0	3.2	3.4	3.7	3.6	3.8	3.9	4.1	4.3	4.3	4.2	3.7 3	.7 3.4	1 3	1.7 3.7	4.0	4.0	3.7	4.3	4.3 4.3	2 4.1	4.7	4.7	4	.5	4.6	5.0	4.9	4.9	5.4	5.4	
SUBTOTAL (REIMB/DIRECT-FUNDED)	15.0	6.1	11.5	5 14.2	16.0	19.9	9 23.7	29.7	19.0	23.6	23.4	24.3	28.4	30.5	34.9	36.1 3	35.4	35.9 36	.4 38.9	37	.6 42.5	50.9	52.6	57.2	57.9 6	0.7 60.	62.2	64.3	69.7	74.	.3 7	73.0	78.5	90.3	84.9	88.2	85.2	
TOTAL OPERATING EXPENSES	17.3	8.4	16.1	1 23.3	35.6	35.8	B 43.3	51.9	37.8	46.6	56.2	57.3	95.4	80.1	90.8	107.5 10	03.9 1	118.1 141	.3 147.1	1 145	i.8 146.5	195.1	199.8	202.9	193.7 19	8.6 199.	211.1	242.1	269.3	295.	.3 32	21.9 3	317.70	322.40	343.17	346.34	339.93	6
OGRAM RELATED FIXED EXPENSES 4																																						
INTEREST EXPENSE	15.0	6.4	9.2	2 12.1	12.7	15.3	3 17.1	22.2	24.3	24.5	26.0	29.2	31.4	40.6	46.1	44.9 5	51.1	52.4 48	.9 49.4	1 48	1.4 49.1	48.5	49.9	53.3	56.4 5	3.4 76.	76.9	78.7	80.5	79.	.2 8	30.6	89.1	83.4	89.2	85.6	58.6	1
AMORTIZATION EXPENSE						0.1	1 0.5	0.8	1.1	1.7	2.4	3.6	4.8	5.5	6.8	8.5 1	10.6	12.4 14	.1 15.3	3 16	i.1 16.8	17.2	17.4	17.5	17.4 1	7.4 22.5	24.4	24.6	25.0	28.	.3 3	30.2	35.7	38.7	41.3	42.5	42.5	
DEPRECIATION EXPENSE	9.0	2.4	3.2	2 3.8	3.9	4.3	3 4.5	5.5	5.6	5.7	5.9	5.4	5.7	7.5	8.4	10.2 1	11.4	11.5 11	3 114	1 11	.8 12.3	12.5	13.2	14.6	15.9 1	6.7 14.0	14.9	16.7	18.0	19.	.6 2	20.7	18.6	19.2	20.1	20.1	20.3	
TOTAL FIXED EXPENSES	24.0	8.8	12.4	4 15.9	16.6	19.7	7 22.1	28.5	31.0	31.9	34.3	38.2	41.9	53.6	61.3	63.6 7	73.1	76.3 74	.1 76.	1 76	i.3 78.2	78.2	80.5	85.4	89.7 8	7.5 112.	116.2	120.0	123.5	127.	.2 13	31.5	143.4	141.3	150.6	148.2	121.4	2
GRAND TOTAL PROGRAM EXPENSES	41.3	17.2	28.5	5 39.2	52.2	55.5	5 65.4	80.4	68.8	78.5	90.5	95.5	137.3 1	33.7	152.1	171.1 17	77.0 1	194.4 215	.4 223.2	2 222	.1 224.7	273.3	280.3	288.3	283.4 28	6.1 312.	327.3	362.1	392.8	422	.5 45	53.4	461.1	463.7	493.7	494.6	461.3	ε
FORGONE REVENUES AND POWER PURCHASES								-		-																												
REGONE REVENUES		3.0	14.0	0 1.0	8.0	27.0	19.0	9.0	10.0	15.0	15.0	15.0	23.0	45.0	62.0	7.1 8	81.7 1	107.8 116	.5 197.8	193	L1 115.9	12.6	79.2	21.7	182.1 39	7.4 282.	273.5	142.8	99.4	156.	.7 15	52.2	135.5	122.7	195.8	76.6	9.6	3
A POWER PURCH. FOR FISH ENHANCEMENT					12.0	17.0	74.0	11.0	40.0	40.0	40.0	40.0	59.0 1	04.0	111.7	63.5		- 6	.4 47.1	64	.8 1,389.6	147.8	171.1	191.0	110.8 16	8.2 120.	274.9	240.3	310.1	70.	.7 3	38.5	85.8	196.2	67.5	50.3	(20.5)	4
TOTAL FOREGONE REVENUES AND POWER PURCHASES		3.0	14.0	1.0	20.0	44.0	93.0	20.0	50.0	55.0	55.0	55.0	82.0 1	49.0	173.7	70.6 8	81.7 1	107.8 121	.9 245.4	257	.9 1,505.6	160.4	250.3	212.7	292.9 56	5.6 403.	548.5	383.1	409.5	227.	.4 19	90.7	221.3	318.9	263.3	126.9	(10.9)	
TOTAL PROGRAM EXPENSES, FOREGONE REVENUES, & POWER PURCHASES	41.3	20.2	42.5	5 40.2	72.2	99.5	5 158.4	100.4	118.8	133.5	145.5	150.5	219.3 2	82.7	325.8	241.7 25	58.7 3	302.2 337	.3 468.6	3 480	.0 1,730.2	433.7	530.6	501.0	576.3 85	1.7 716	0 875.8	745.	3 802.	3 649	9.9 6	44.1	682.4	782.6	757.0	621.5	450.4	16
CREDITS									-		-				-					_	_									1								
(10)(C)				-	-		-						-	-	-	(45.2) (2	25.5) ((29.7) (35	.7) (46.0) (50	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			(77.0)	(57.7) (7	6.4) (66.	(100.5)	(99.5	i) (122.8	(85.	.3) (7	77.0)	(84.1)	(103.9)	(77.7)	(72.6)	(53.7)	(1
H COST CONTINGENCY FUND				+	 		+	-	-	-	-	-	-	-	-		-	-	+ -	1	- (246.5	1	(78.7)	-			<u> </u>	<u> </u>	<u> </u>	+	-	-	-	-		-		(2
TOTAL CREDITS its information has been made publicly available by BPA on 3/20/2018. The figures st				1	l		-		-	-	-							(29.7) (35			.4) (583.1	(66.4)	(152.3)	(77.0)	(57.7)	6.4) (66.	(100.5)	(99.5	(122.8	(85.	.3) (7	77.0)	(84.1)	(103.9)	(77.7)	(72.6)	(53.7)	

1. Capital investments include both BPAs direct Fish and Wildle Program capital investments, funded by pBPA. Treature borrowing, and "Associated Projects", which include capital investments at Corps of Engineers' and Bureau of Reclamation projects, funded by appropriations and most by BPA. The negative amount in FY 1997 reflects a decision to reverse "plant-in-sension" investment that we now actually placed investments and composed projects. The amount experience associated with program capital investments and composed projects. The amount experience associated with projects and control in the projects and control in the projects. The amount experience associated with projects.

2/ Includes High Priority and Action Plan Expenses and other supplemental programs.

3/ "Reimbursable/Direct-Funded Projects" includes the portion of costs BPA pays to or on behalf of other entities that is determined to be for fish and wildlife purposes.

4/ "Fixed Expenses" include depreciation, amortization and interest on investments on the Corps of Engineers' projects, and amortization and interest on the investments associated with BPA's direct Fish and Wildlife Program.

 240.9 Total for credit calculation
53.7 Credit = 22.3% of total