

Number.....

Year.....

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PUBLIC SERVICE COMMISSION

ANNUAL REPORT

OF THE

NAME The Washington Water Power Company

LOCATION 1411 E. Mission, Spokane, WA 99202

Check No. 257416
4-3-91
\$25.00
Washington Water
Power Company

ELECTRIC UTILITY

CLASS _____

TO THE

Public Service Commission OF MONTANA

FOR THE YEAR ENDING December 31, 1990

DO NOT ROLL OR FOLD

HISTORY OF COMPANY

Give full title of utility The Washington Water Power Co. Municipal or private plant Private

Period covered by this report January 1, 1990 to December 31, 1990

Location of plant Noxon, Montana

Location of principal office Spokane, Washington

Date when company was originally organized and date of any reorganization or consolidation March 13, 1889

Date when company first began to sell electricity March 13, 1889

Names of cities or towns supplied with electricity Noxon, Mt. (dam facilities only)

Water Power, Steam or Oil Water Power (15% owner of Colstrip 3&4)

Population of territory supplied 12

Total plant capacity 397 Mwh (Nameplate rating)

Name of owning, controlling or operating corporation, if any N/A

Names of corporations owned, controlled or operated Pentzer Corporation

What public service, if any, other than the sale of electricity, does this plant furnish? None

LIST OF DIRECTORS*

Name	Residence	Length of Term	Term Expires
Paul Redmond	E. 1411 Mission, Spokane, WA	3 yrs	1993
Jim Harvey	E. 1411 Mission, Spokane, WA	3 yrs	1993
Jean Silver	N. 7102 Audubon Dr., Spokane, WA	3 yrs	1991
David Clack	E. 325 Sprague, Spokane, WA	3 yrs	1992
Duane Hagadone	PO Box 1178, Coeur d'Alene, Id	3 yrs	1992
Edward Kiemle	1010 WA Mutual Bldg., Spokane, WA	3 yrs	1991

*Municipal plants give here members of board of public works, or governing commission

LIST OF OFFICERS

Official Title	Name	Residence
President	Jim Harvey	E. 1411 Mission, Spokane, WA
Vice-President	Rob Fukai	Same
Secretary	Terry Sums	Same
Treasurer	Larry Pierce	Same

INCOME ACCOUNT

Operating Revenues									
1	Commercial and industrial earnings	375	220	167					
2	Municipal contract earnings								
3	Sales of electric current to other public utilities	954	345	553					
4	Miscellaneous earnings from operation								
5									
6	Total operating revenues							4706	54720
Operating Expenses									
7	Maintenance	229	675	73					
8	Power	112	034	244					
9	Transmission and transformation	107	869	12					
10	Distribution	653	694	9					
11	Consumption								
12	Commercial								
13	General	805	154	09					
14	Undistributed								
15	Total of above items							2328	41087
16	Depreciation							424	32090
17	Contingencies (extraordinary)								
18	Taxes							679	53568
19	Total operating expenses							3432	26745
20	Net operating revenue or deficit							1274	27975
21	Non-operating revenues							1678	6833
22	Gross income or deficit							1442	14808
Deductions from Gross Income									
23	Interest on funded debt	509	725	55					
24	Interest on real estate mortgages								
25	Interest on floating debt								
26	Contractual sinking fund requirements	821	811						
27	Miscellaneous deductions	481	690	2					
28	Total							566	11268
29	Net income or deficit							876	03540
Disposition of Net Income									
30	Stock dividends	653	280	20					
31	Appropriations to municipal funds (munic. plants only)								
32	Other payments from net income								
33	Total							653	28020
34	Surplus or deficit for year							222	15520
35	Surplus or deficit at beginning of year							671	74786
36	Adjustment during year (profit and loss account)							225	55775
37	Surplus or deficit at close of year (as per Balance Sheet)							897	30561

TABLE I.—SALES OF ELECTRIC CURRENT TO OTHER PUBLIC UTILITIES
 Details of Item 3 Income Account

	Name of Purchasing Utility	Rate	K. W. Hours	Amount
1	Idaho Power Company	.0165	437,789,000	7,226,239
2	Montana Power Company	.0169	82,623,000	1,396,644
3	Pacific Gas & Electric	.0216	58,104,000	1,256,609
4	Pacific Power & Light	.0237	541,604,000	12,852,322
5	Portland General Electric	.0181	441,414,000	7,997,220
6	Puget Sound Power & Light	.0278	907,929,000	25,249,257
7	Sierra Pacific Power Company	.0181	131,214,000	2,375,195
8	Southern California Edison	.0237	280,416,000	6,653,941
9	Others	.0252	1,205,133,672	30,427,026

TABLE II.—MISCELLANEOUS EARNINGS FROM OPERATIONS
 Details of Item 4 Income Account

	Classification	Rate	K. W. Hours	Amount
1				
2				
3	N/A			

TABLE III.—NON-OPERATING REVENUES
 Details of Item 21 Income Account

	Items	Revenues	Expenses	Profit
1				
2				
3	Total	19,792,662	2,603,829	16,788,833

TABLE IV.—GENERAL EXPENSE

		Items	Total
1	General office salaries	1	11,378,008
2	General office supplies and expenses	1	5,112,102
3	Law expenses—general	1	1,955,109
4	Miscellaneous general expenses	10	6,207,019
5	Total (line 13 Income Account)	13	25,652,238

TABLE V.—UNDISTRIBUTED EXPENSE
 Give Details

		Items	Total
1	N/A		
2			
3			
4			
5			
6	Total (line 14 Income Account)		

DEPRECIATION

Explain here in detail the basis upon which the deduction from revenues on account of depreciation as shown in the "Income Account" is founded and also the method by which the amount in question was derived. State specifically whether the deduction is designed to cover the total estimated depreciation for the year of all the depreciable property of the plant. If the amount deducted can be so divided as to show separately the estimated depreciation for the different classes of property, as buildings, apparatus, distribution, equipment, etc., such division should be made. It is probable that at some future date the deduction to be made for depreciation will be required to be based upon the rate of depreciation of different classes of property or equipment and so reported, as distinct from a rate of depreciation for the property as a unit. The amount here deducted will be carried to the "Depreciation Reserve."

Item	Value	Life	Age	Annual Per Cent	Amount
Colstrip #3	150,083,626 22	35	7	3.014	452063000
Colstrip #4	104,885,284 97	35	5	3.015	330743400
Nixon Rapids Dam * (see detail)	100,000,831 62	*	31	Sinking Fund	44176500
Transmission Plant	53,155,104 20	Var.	N/A	2.370	125781600

TABLE VI.—TAXES

Details	Total Amount
1	
2	
3	
4 Total (line 18 Income Account)	

TABLE VII.—DEPRECIATION RESERVE ACCOUNT

Income and Disbursements	Items	Total
1 Income		
2 By balance of account 19 None		
3 By income from investment of fund		
4 By transfer from revenue (line 16 Income Account)		
5 By transfer from		
6		
7		
8		
9 Total income		
10		
11 Disbursements		
12 By amount expended for reconstruction and replacements		
13		
14		
15		
16 Total		
17 By amount expended for construction, additions and extensions		
18		
19		
20		
21		
22 Total disbursements		
23 By balance of account 19		

TABLE VIII.—SINKING FUND ACCOUNT

	Income and Disbursements	Items	Total amount
1	Income: <i>None</i>		
2	By balance on account 19		
3	By income from investment of fund		
4	By transfer from revenue (Inc. Acct. 26)		
5	By transfer from		
6			
7	Total income		
8	Disbursements:		
9	For		
10	For		
11	For		
12	Total disbursements		
13	By balance of account 19		

TABLE IX.—RESERVE ACCOUNT

	Income and Disbursements	Items	Total amount
1	Credits <i>None</i>		
2	By balance of account 19		
3	By income from investments of funds		
4	By transfer from revenue		
5	By transfer from		
6			
7	Total credits		
8	Debits		
9	For		
10	For		
11	For		
12			
13			
14			
15	Total debits		
16	By balance of account 19		

TABLE X.—MATERIAL AND SUPPLIES

	Stock Accounts	On hand first of year	Debits during year *	Credits during year *	On hand close of year
1	Fuel	2525314			5224964
2	Power plant supplies	3925852			4279169
3	Electric line material	3978489			4351907
4	Transformers				
5	Meters				
6	Lamps and lamp supplies				
7	Electric appliances				
8	Miscellaneous stock	973445			1153054
9	Stores Expense Undistributed	45207			(76853)
10					
11					
12					
13					
14					
15					
16					
17	Totals (last column to Balance Sheet)	11,358,307			14,932,141
	* Not Available				

TABLE XI.—SUMMARY OF EMPLOYES AND WAGES

	Occupations	Av. No. of Employees	Total Wages
1	Superintendence		
2	Engineers		
3	Hydraulic works employes	11	539432
4	Boiler plant employes		
5			
6	Station electrical employes		
7	Laborers		
8			
9	Substa. and transformer stationmen		
10			
11	Overhead line repair employes		
12			
13	Lamp trimmers and inspectors		
14	Meter men		
15	Other employes		
	Total		
	Add executive officers and salaries		
	Grand Total	11	539432

TABLE XII.—COST OF PLANT AND EQUIPMENT

	Items	Cost beginning of year			Additions or deductions during year (Enter deduc's in red)			Cost close of year		
	Intangible:									
1	Organization									
2	Franchises	193	078						193	078
3	Rights, licenses, etc.									
	Tangible:									
4	Land (used in operation of property)	40,065	789		7527				40,073	316
5	Buildings, fixtures, grounds (used in operat'n of prop'ty)									
	Power Plant Equipment:									
6	Steam power plant equipment	146,144	793		334,044				146,478	837
7	Hydraulic power works equipment									
8	Hydraulic power plant equipment	71,508	946		370,867				71,879	813
9	Boiler plant equipment	113,224	412		265,661				113,490	073
	Transmission and Transformation:									
10	Transmission system	38,597	574		116,625				38,714	199
11	Substation and transformer station equipment	13,508	918		48,602				13,557	520
	Distribution:									
12	Distribution system	165	141						165	141
13	Transformers		897							897
14	Meters		29							29
15	Commercial lamps and lamp equipment									
16	Municipal contract lighting system									
17	General office equipment	3	717		2221				5	938
18	Stores department equipment									
19	Utility equipment	238	453		647				239	100
20	Miscellaneous equipment	2,260	282		1146				2,259	136
	Miscellaneous Construction and Equipment Expenditures:									
21										
22										
23										
24										
25	Cost of plant purchased (in lieu of plant constructed)									
26	Total cost of plant and equipment	425,912	029		114,504	8			427,057	077

TABLE XIII.—CAPITAL STOCK

	Classification	No. of shares authorized	Par value of shares	Total par value authorized	Total amount issued and outstanding	Dividends declared	
						Rate	Amount
1	Preferred stock	100000000	100		125000000		8723048
2							
3	Common stock	100000000	100		421034818		56664972
4							
5							
6	Total						

TABLE XVII—SECURITIES OF OTHER COMPANIES OWNED OR CONTROLLED

	Name	Total par value	Rate of income	Income received	Valuation
1	Stocks: <i>None</i>				
2					
3					
4	Total stocks				
5	Bonds:				
6					
7					
8					
9	Total bonds				
10	Other investments				
11					
12					
13					
14	Total other investments				
15	Total investments				

ASSETS

TABLE XVIII.—BALANCE SHEET

LIABILITIES

1	Property and Plant:					34	Capital Liabilities:						
2	Cost beginning of year	1	0	2	7	1	1	8	7	4	9	3	5
3	Construc'n&equip. cur'nt fiscal yr.						36	Capital stock common	5	1	7	1	2
4	Cost close of year	1	0	4	1	4	1	9	7	8	1	2	0
5	Treasury Securities:						37	Funded debt	5	5	9	8	4
6	Treasury stock						38	Mortgage Liabilities:					
7	Treasury bonds						39	Real estate mortgages					
8	Investments:						40	Other mortgages					
9	Stocks & bonds of other companies						41	Sinking Fund Liabilities:					
10	Other investments	1	2	9	3	5	4	42	Depreciation reserve				
11	Sinking Fund Assets:						43	Sinking fund					
12	Sinking Fund						44	Special funds					
13	Special Funds						45	Current Liabilities:					
14	Current Assets:						46	Notes and bills payable	2	2	0	8	2
15	Cash	(4	1	6	0	8	47	Accounts payable	1	0	7	6
16	Notes						48	Matured interest on funded debt unpaid	1	1	0	3	1
17	Accounts receivable	3	1	0	7	4	49	Matured int. on notes, bills pay'ble unpd.					
18	Interest and dividends receivable						50	Dividends unpaid					
19	Material and supplies	1	1	3	5	8	51	Deposits					
20	Miscellaneous current assets	2	1	5	6	6	52	Miscellaneous current liabilities	1	1	9	1	6
21	Prepaid Accounts:						53	Accrued Liabilities:					
22	Prepaid Insurance						54	Accrued insurance					
23	Prepaid taxes						55	Taxes accrued	1	5	1	5	3
24	Prepaid interest						56	Unmat. int. on funded debt accrued					
25	Miscellaneous prepaid accounts						57	Unmat. int. on notes, bills payable acr'd					
26	Open accounts	1	7	1	4	2	58	Dividends accrued					
27	Deficit	1	0	9	0	5	59	Miscellaneous liabilities accrued					
28							60	Open accounts	1	3	7	6	4
29							61	Surplus					
30							62						
31							63						
32							64						
33	Total assets	1	4	0	1	5	0	65					
							66	Total liabilities	1	4	0	1	5

TABLE XIX.—CENTRAL STATION EQUIPMENT

	Apparatus	No.	Total Capacity
1	Boilers		H. P.
2	Steam engines—reciprocating		H. P.
3	Steam turbines		H. P.
4	Water wheels		H. P.
5	Arc light generators—A. C.		K. W.
6	Arc light generators—D. C.		K. W.
7	Direct current generators (other than arc)	5	396,800 K. W.
8	Alternating current generators (other than arc)		K. W.
9	Exciters		K. W.
10	Rotaries		K. W.
11	Motor generators used as motors		K. W.
12	Motor generators as generators		K. W.
13	Booster sets		K. W.
14	Step-up transformers		K. W.
15	Step-down transformers		K. W.
16	Motors		
17	Switchboards		
18			
19			
20			
21			
22			

TABLE XX.—SUB-STATION AND TRANSFORMER EQUIPMENT

	Apparatus	At.....		At.....		At.....	
		No.	Total Capacity	No.	Total Capacity	No.	Total Capacity
1	Rotaries						K. W.
2	Motor generators as motors						K. W.
3	Motor generators as generators						K. W.
4	Booster sets					1	533,000 K. W.
5	Storage batteries, at 1 hour rating						K. W.
6	Step-down transformers					9	N/A K. W.
7	Meters						
8	Lightning arresters						
9							
10							
11							

TABLE XXI.—COMMERCIAL CONSUMERS

	CLASSIFICATION	Number of Consumers		Connected load in K. W.	Annual consumption in K. W. Hours	Number of consumers on meter basis	Per cent of consumers on meter basis
		Receiving service during entire year of report	Receiving service during period less than year of report				
1	Power	2		NA	93,024,000	2	100%
2	Lighting, Heating and Cooking						
3	Residences	12		NA	212,000	12	100%
4	Business	5		NA	210,000	5	100%
5	Miscellaneous						
6	Total						

TABLE XXII.—STATISTICS

Station Statistics

Number of kilowatt hours generated by all methods 2,059,445,000

Maximum station output in any one day K. W. Hrs.; date NA

Minimum station output in any one day K. W. Hrs.; date NA

Is light and power service furnished throughout the day? If not, state hours. Yes

What is the maximum demand factor for the year covered by this report?* NA

What is the load factor for the year covered by this report?† NA

Monthly Record of Station Output in Kilowatt Hours

January.....	151,101,000	May.....	298,187,000	September.....	90,467,000
February.....	108,536,000	June.....	327,817,000	October.....	124,762,000
March.....	113,315,000	July.....	219,103,000	November.....	146,176,000
April.....	263,356,000	August.....	94,226,000	December.....	128,399,000

*The maximum demand factor = $\frac{\text{Maximum load on station for fifteen minutes}}{\text{Maximum available capacity of the station}}$

†The load factor = $\frac{\text{Total K. W. hours generated during the year}}{\text{Max. load in K. W. for fifteen minutes} \times \text{av. of hrs. per day of service} \times 365}$

MONTANA PUBLIC SERVICE COMMISSION

ANNUAL REPORT - SUPPLEMENTAL SCHEDULE

SALE, TRANSFER, OR RETIREMENT OF ASSETS

For each sale, transfer or retirement of utility plant with a total combined value (higher of original book cost or selling price) of \$50,000 or more assigned/allocated to Montana list the following information: plant description; plant account number; work order number; item ever rate based (y=yes, n=no); transaction date; transaction type (s=sale, t=transfer, r=retirement); affiliate transaction (y=yes, n=no); mortgage release required (y=yes, n=no); transaction amount indexed with a (c) for original book cost or a (p) for selling price; and gain/(loss) resulting from the transaction. Each plant item which requires a mortgage release must be reported regardless of its value. Use additional pages as needed. The schedules must be numbered in the lower right corner in the blank provided - SS__.

	Plant Description	Plant Account Number	Work Order Number	Item Ever Rate Based (Y,N)	Transaction Date	Transaction Type (S,T,R)	Affiliate Transaction (Y,N)	Mortgage Release (Y,N)	Transaction Amount		Gain/(Loss) (000)
									(000)	(C,P)	
1	None										
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											

Washington Water Power

1. * DETAIL FOR NOXON RAPIDS DEPRECIATION LIVES

<u>Account</u>	<u>Life</u>
330.3	100 yrs
331	75 yrs
332	100 yrs
333	65 yrs
334	45 yrs
335	55 yrs
336	75 yrs

2. COMMUNICATION EQUIPMENT (Acct. 397)

<u>Value</u>	<u>Life</u>	<u>Age</u>	<u>Annual %</u>	<u>Amount</u>
2,258,845.30	Var.	N/A	4.20	94,896.00

Washington
STATE OF MONTANA,
County of Spokane } ss.

We, the undersigned, on our oath do severally say that the foregoing return of the.....
....., an electric utility, has been prepared under
our direction from the original books, papers and records of said utility and declare the same to be
a complete and correct statement embracing all the financial transactions of the utility during the
period for which this return is made.

John W. Buegel

CONTROLLER

Subscribed and sworn to before me this 20th day of May, 1991

Terri Palumbo

My Commission Expires 8/27/91

