

Quarterly Business Review (QBR)

May 5, 2015
10:00 am– 2:00 pm
Rates Hearing Room

To participate by phone that does not charge long distance, please dial: 1-203-955-5797
If you are calling long distance, please dial: 1-877-973-6571
When prompted, enter access code: 7925408#

Live Meeting: <https://www.livemeeting.com/cc/bpa/join>

Meeting ID: 9NTZMH
Entry Code: NdXP5`4|P

Here at BPA we take safety very seriously. Our motto is “No job is so important and no service so urgent that we cannot take time to perform our work safely. In the event that the alarm sounds during this meeting, please calmly file out the exit nearest you and meet in Holladay Park for further instructions.

Time	Min	Agenda Topic	Slide	Presenter
10:00	5	Review Agenda	2	Mary Hawken
10:05	15	CFO Spotlight	~	Nancy Mitman
Financial Highlights				
10:20	10	BPA Library Document Archives	3-41	Kevin Owen, Libby Burke
10:30	30	<ul style="list-style-type: none"> ▪ Review of 2nd Quarter Financial Results ▪ Review of 2nd Quarter Forecast 	42-55	Mary Hawken, Cheryl Hargin, Danny Chen, Kyna Alders, Will Rector
11:00	10	Slice Reporting	56-61	Sunny Donato, Janice Johnson
11:10	10	Review of 2nd Quarter Capital Financial Results & Forecast	62-64	Kathy Rehmer, Kyna Alders
11:20	5	Capital Project Status Report	64-69	Dennis Naef
Other BPA Topics				
11:25	30	Re-balancing BPA's Investment Portfolio Prioritization Cycle 4	70-78	Mike DeWolf, Doug Ballou, Jim Hallar
11:55	65	Lunch	~	~
1:00	15	Tucannon River Wind Line	79-81	Amit Sinha
1:15	15	Next Steps from IPR 2	82	Mary Hawken
1:30	5	Debt Service Reassignment Update	83-87	Alex Lennox, Anita Mertsching
1:35	25	Status Update on Long-Term Rate Forecasting Initiative	88-92	Brian McConnell, Dave Manary
2:00	~	Adjourn	~	~

BPA Library Document Archives Digitization Project

**History of the Annual Reports
Information, Artwork, Maps, Charts**

Kevin Owen
Manager, Financial Statements

Libby Burke
Librarian, Archivist

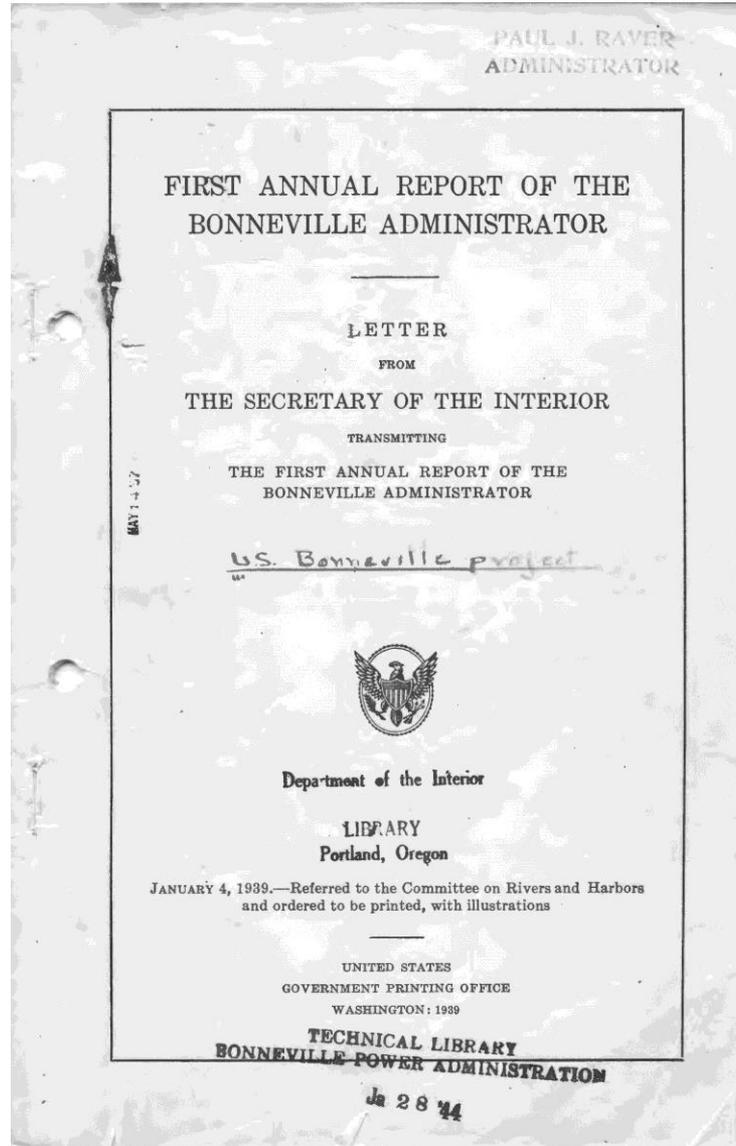
BPA Annual Reports

- Annual Report primary purpose: comply with statutory requirements
- Secondary purpose: informational—needed for business
 - Available to public and customers

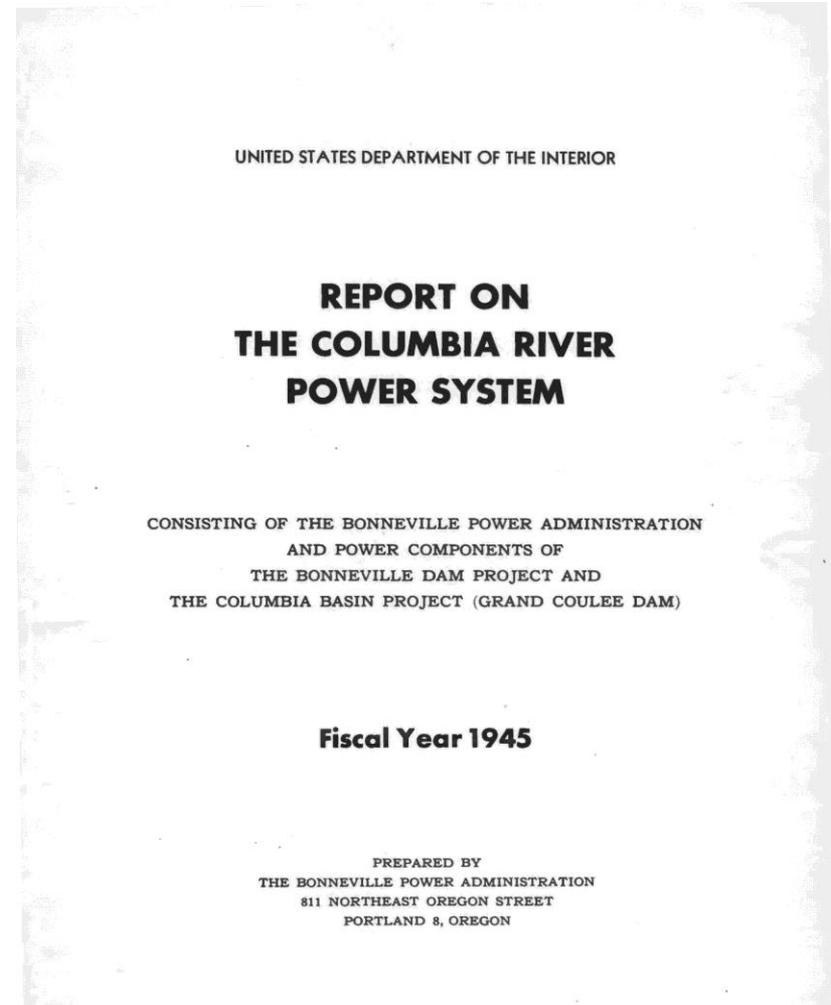
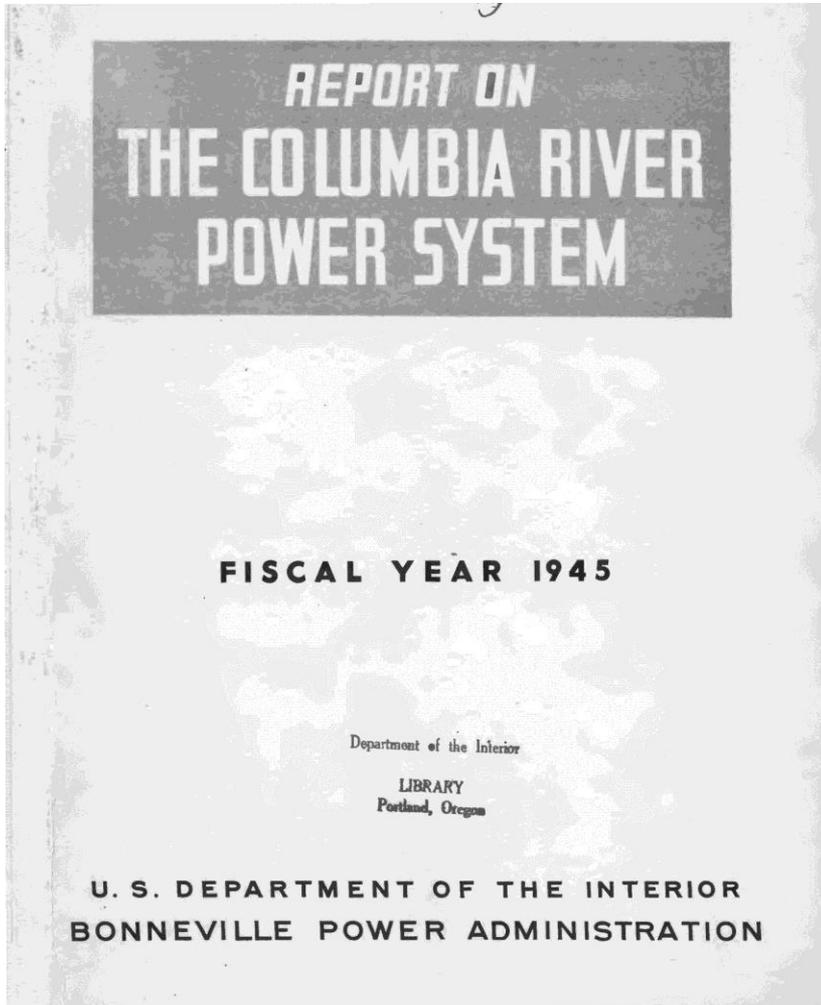
BPA Annual Reports

- Reasons for posting older Annual Reports
 - Trace history of system
 - See how plans changed
 - Trace functions through maps and illustrations
 - Look at photographs
 - Study Financial statements

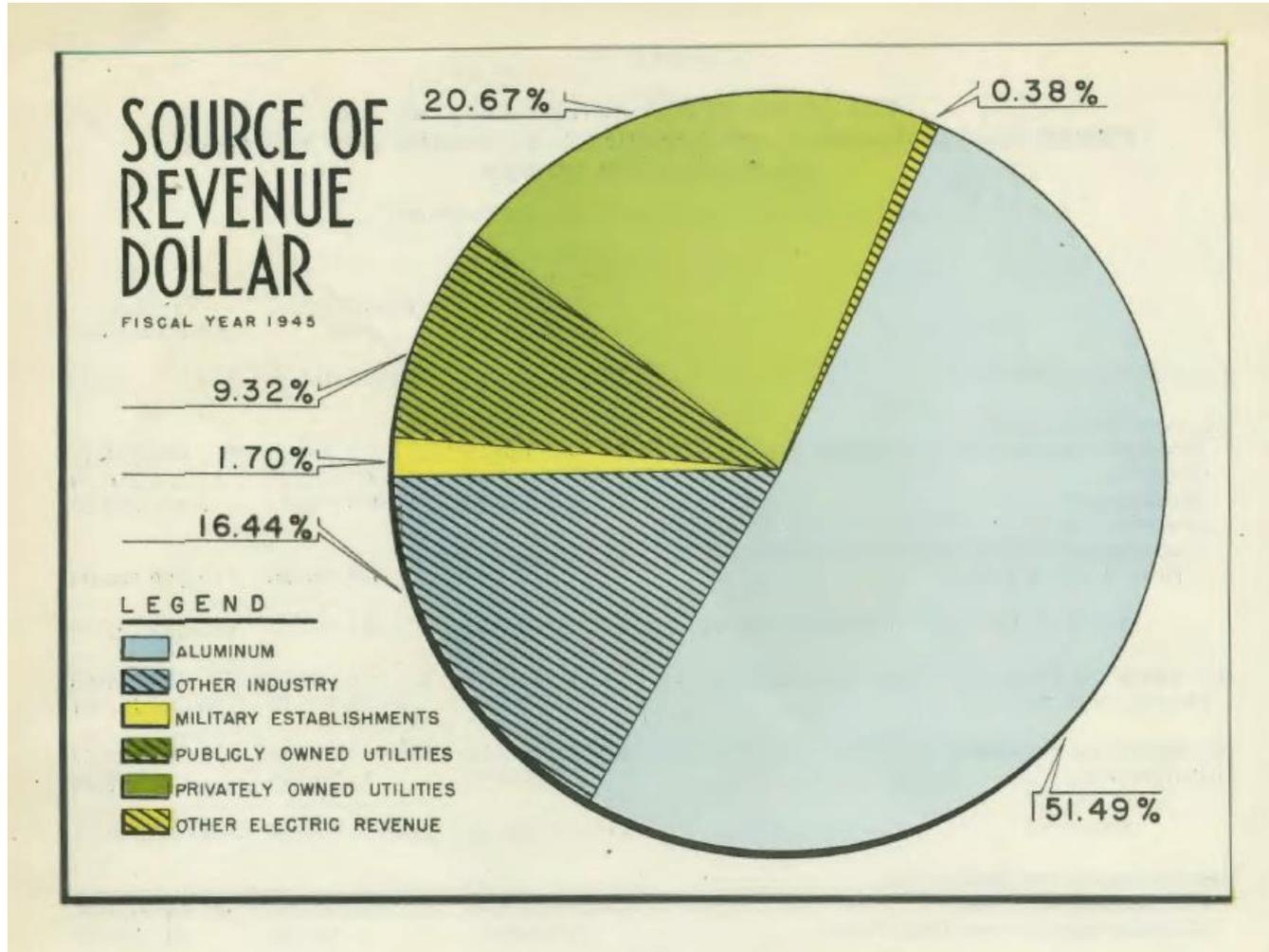
BPA Annual Report – 1938



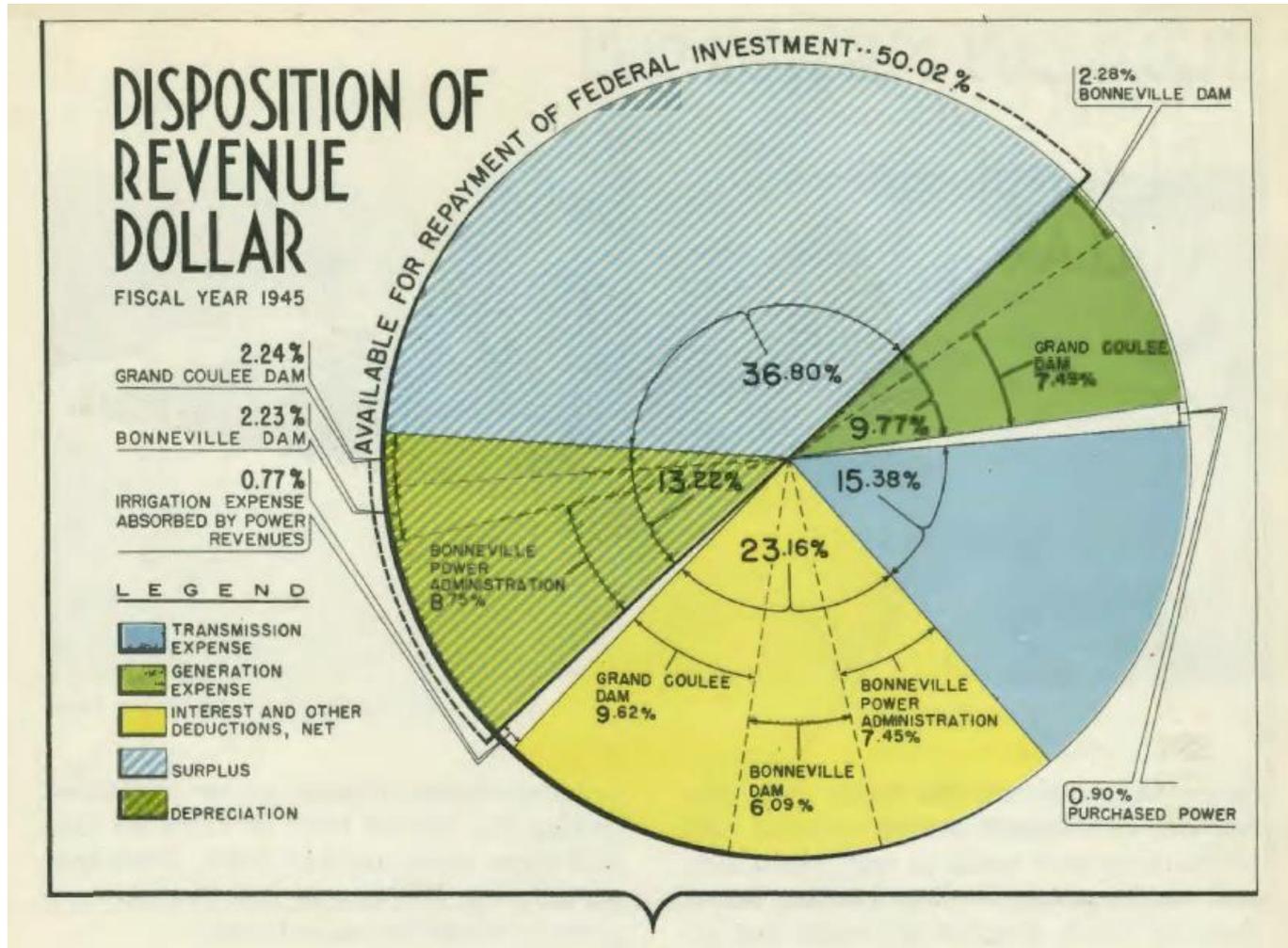
First stand-alone BPA Annual Report – 1945



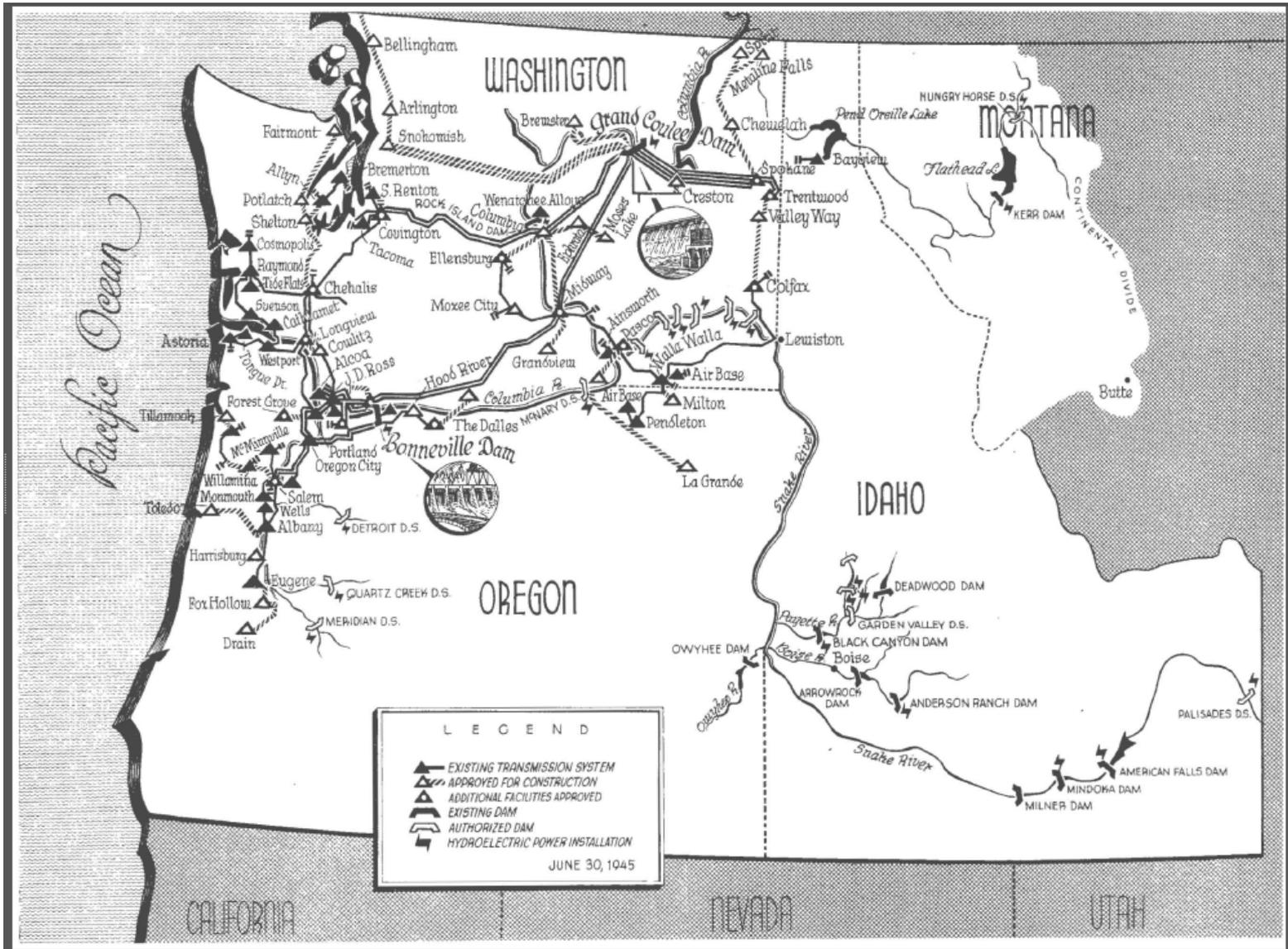
First stand-alone BPA Annual Report – 1945



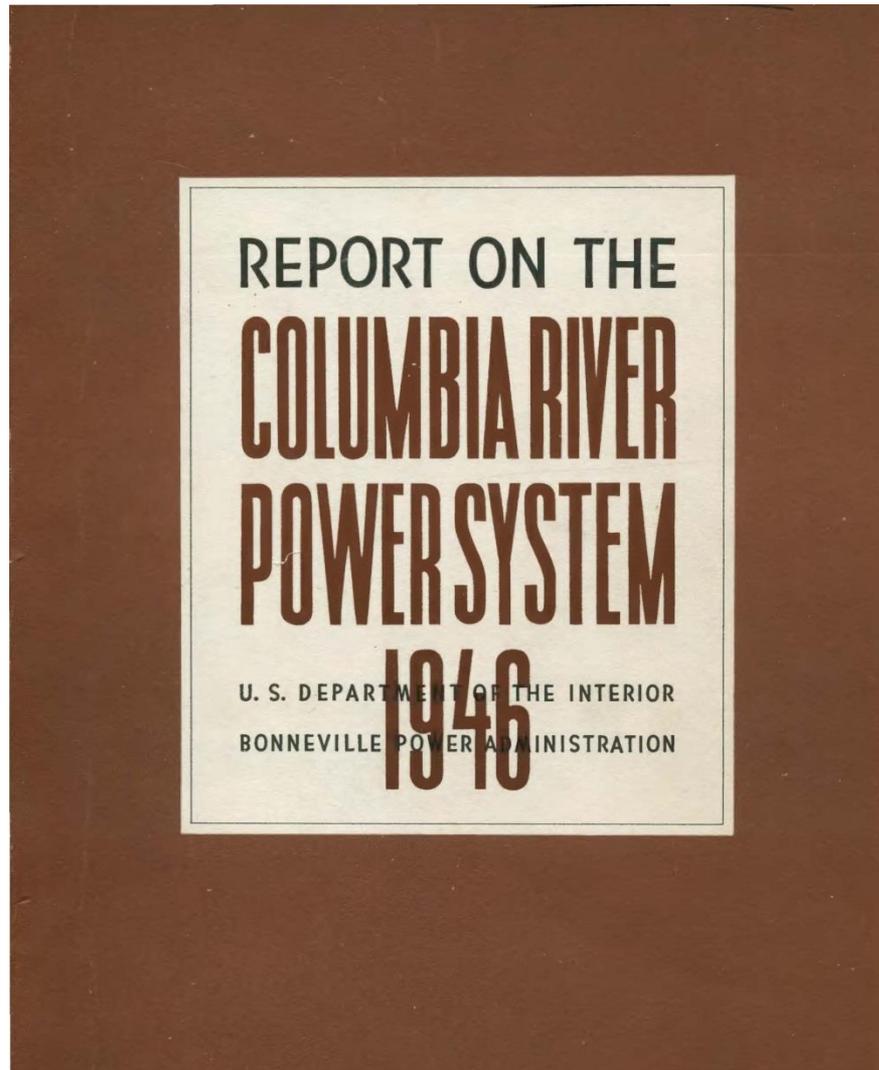
First stand-alone BPA Annual Report – 1945



BPA Annual Report – 1945 - map



BPA Annual Report – 1946 – cover



BPA Annual Report – 1946

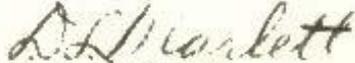
April 9, 1947

TO ALL EMPLOYEES:

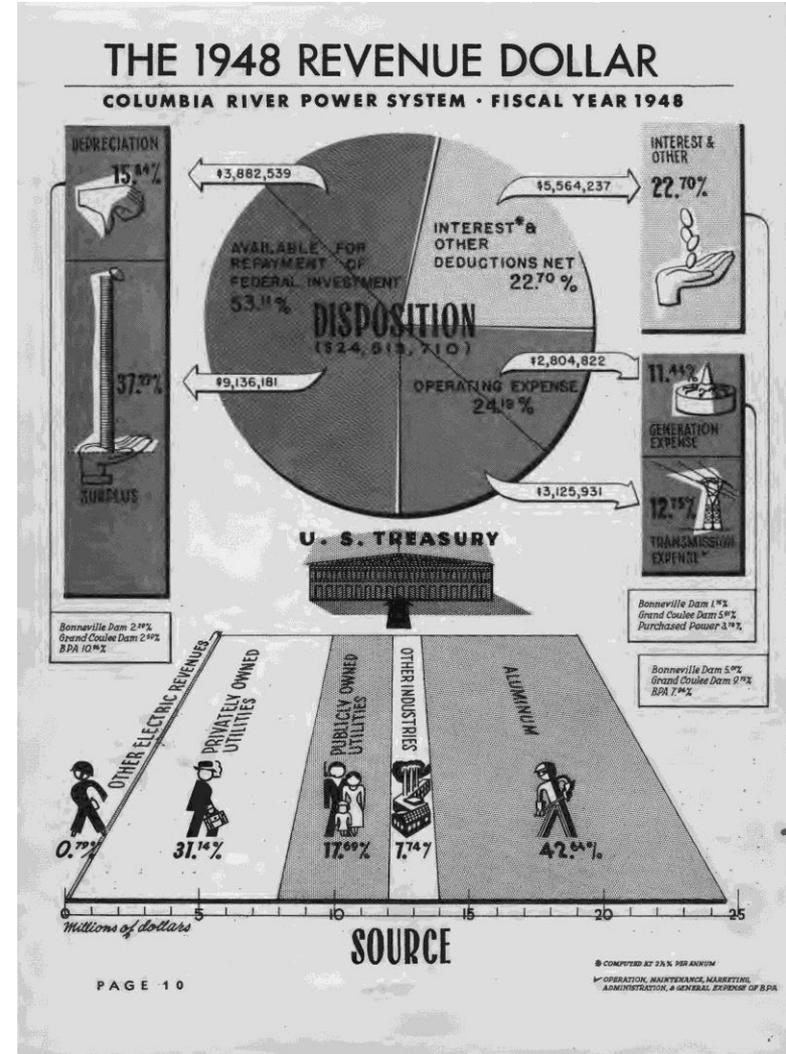
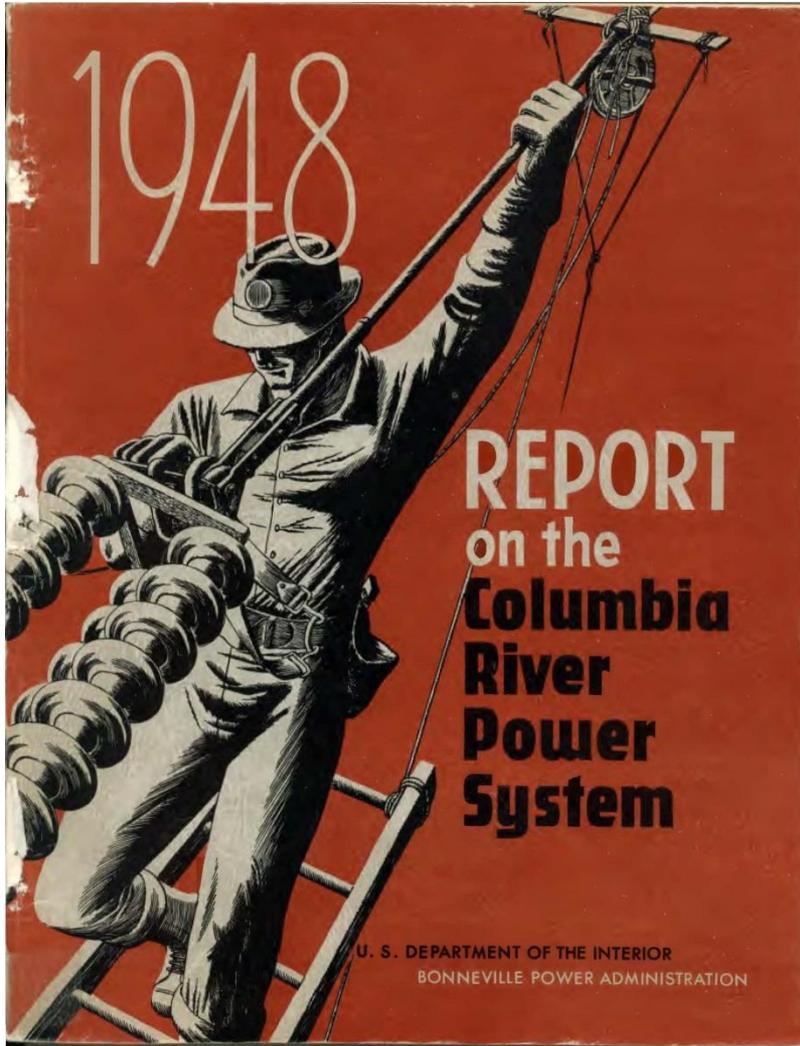
Here is your Annual Report for the Fiscal Year 1946. Yes, this is really your report as you are the people who have made it possible. All we in the Administration did was to compile the results of the work that you did during the past year and add pictures, maps, etc.

We feel that if you, the employee, receive a copy of this report and read it, you will have a better understanding of the aims and accomplishments of the Administration. It will also give you a broader understanding of the overall picture of BPA and through this you will receive answers to many questions that confront you in your every day meetings with the general public.

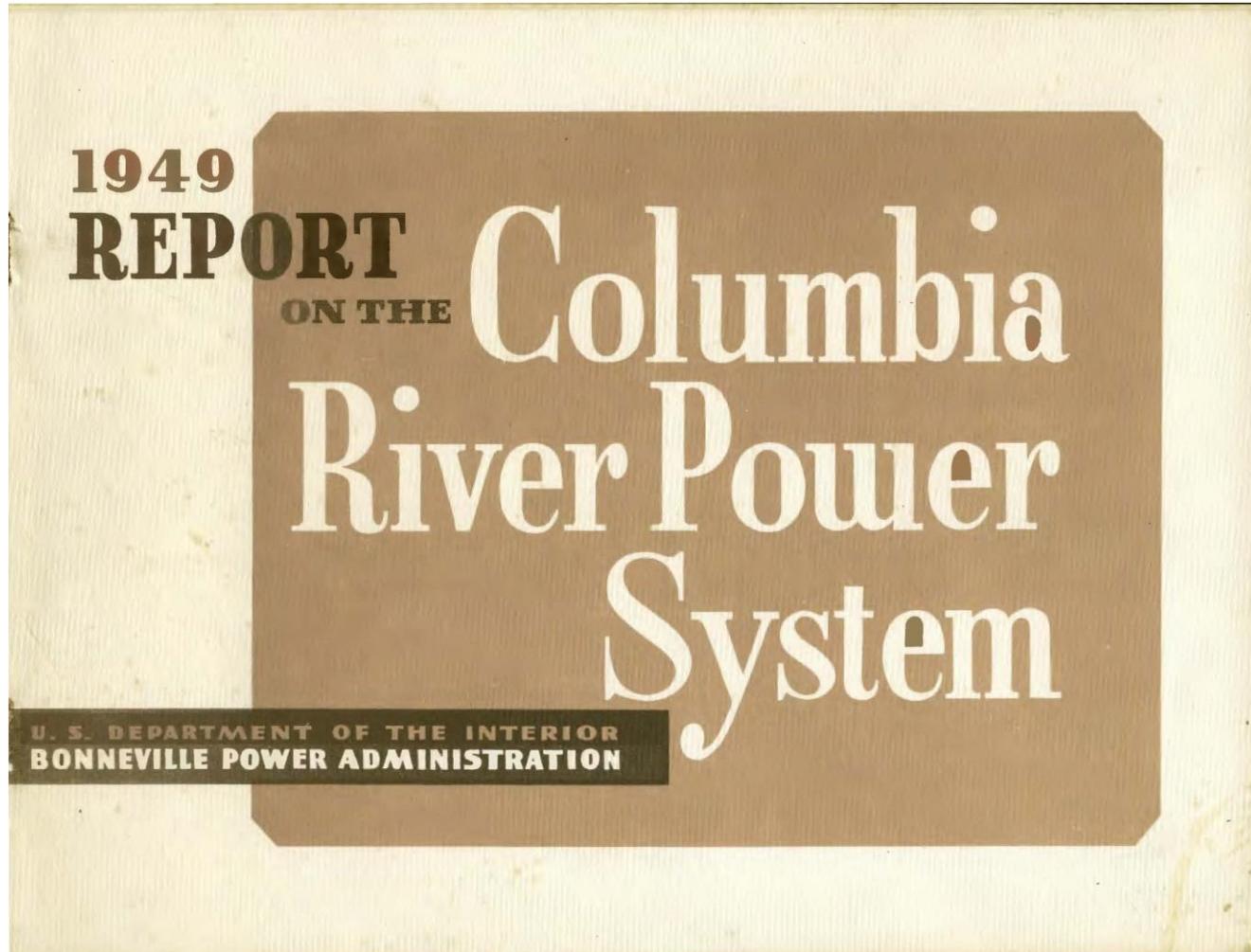
We trust that you will enjoy reading this report as much as we enjoyed compiling it.


D. L. MARLETT
Assistant Administrator

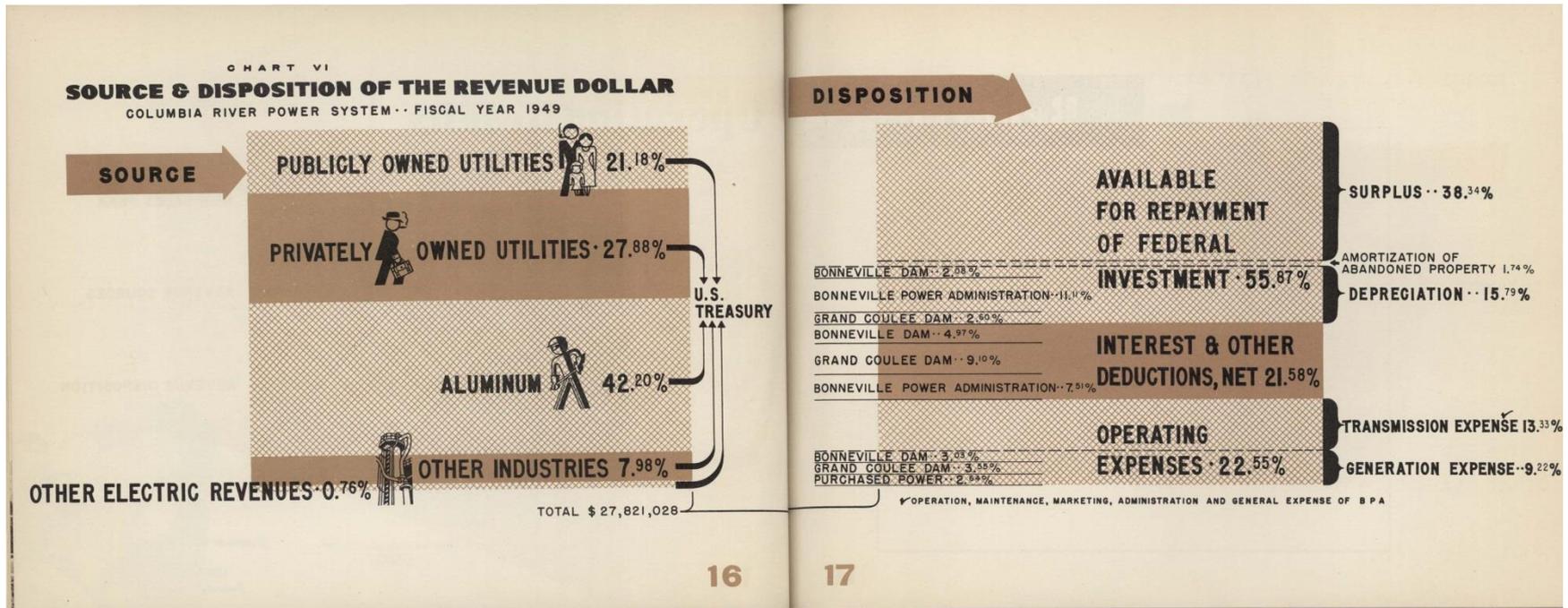
BPA Annual Report - 1948



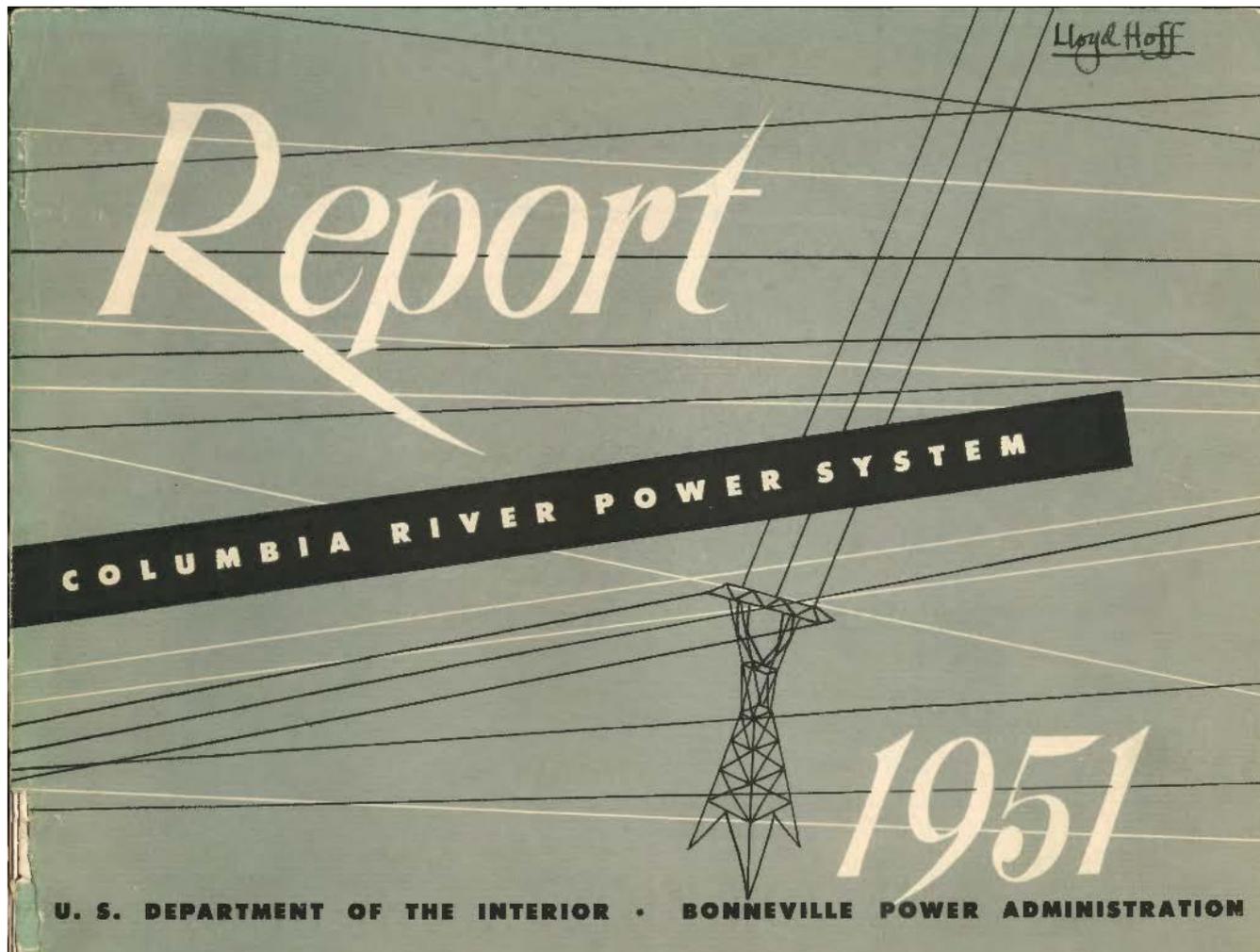
BPA Annual Report - 1949



BPA Annual Report - 1949

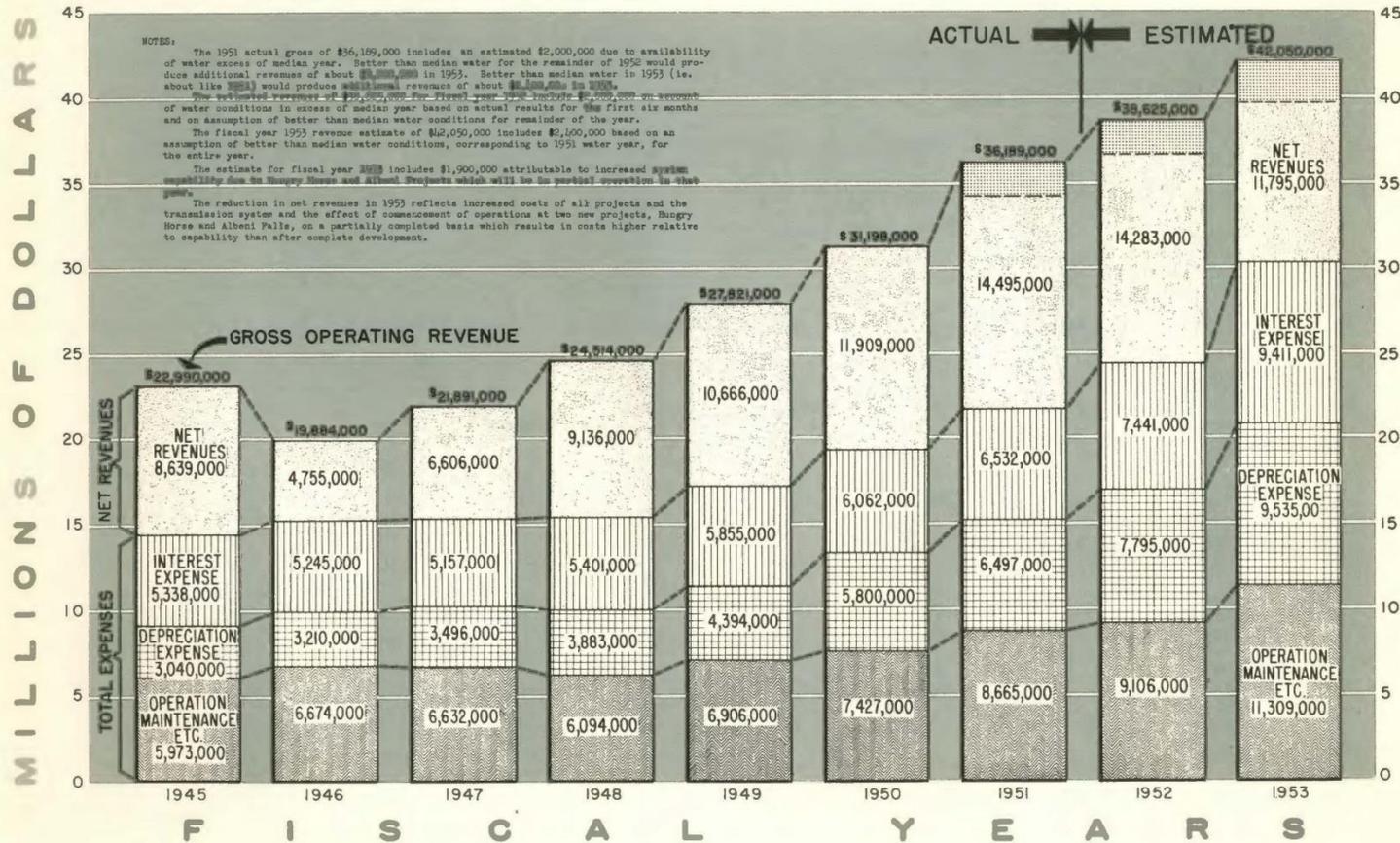


BPA Annual Report – 1951 – cover



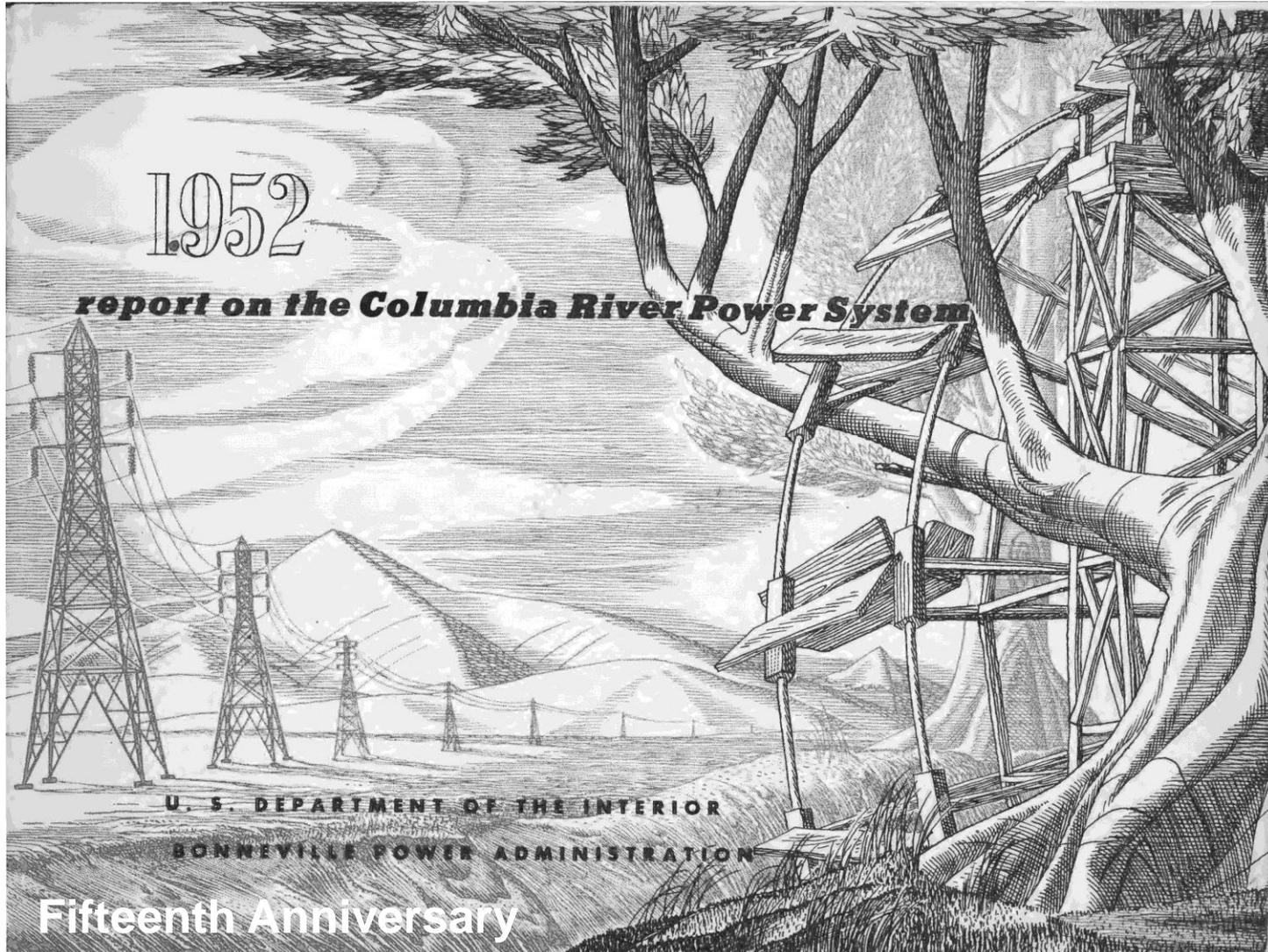
BPA Annual Report - 1951

COLUMBIA RIVER POWER SYSTEM CONDENSED AND COMBINED REVENUES & EXPENSES 1945-53

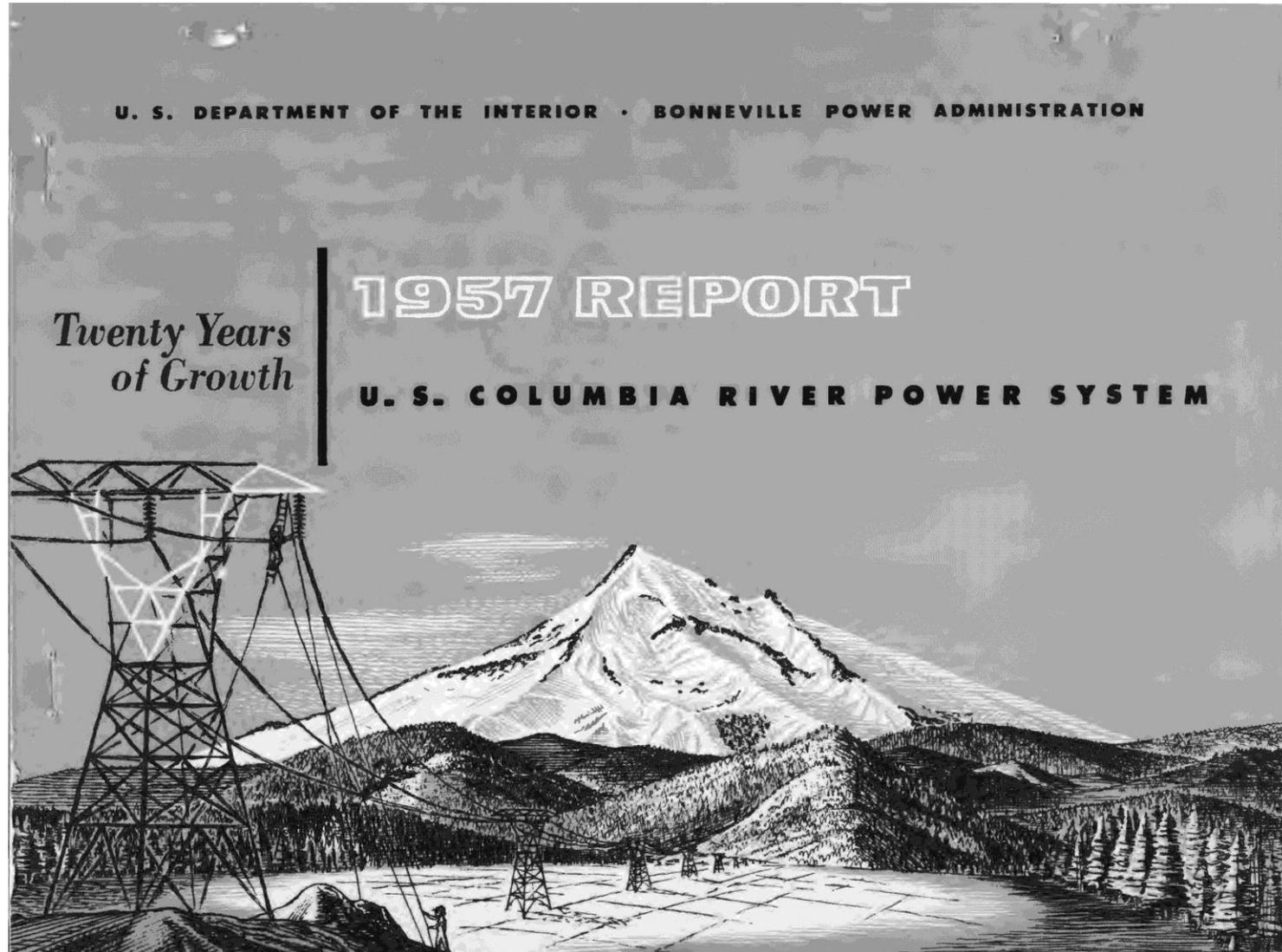


PREPARED BY BONNEVILLE POWER ADMINISTRATION FROM AUDITORS REPORTS-1945-51, ARTHUR ANDERSEN CO. C.P.A.

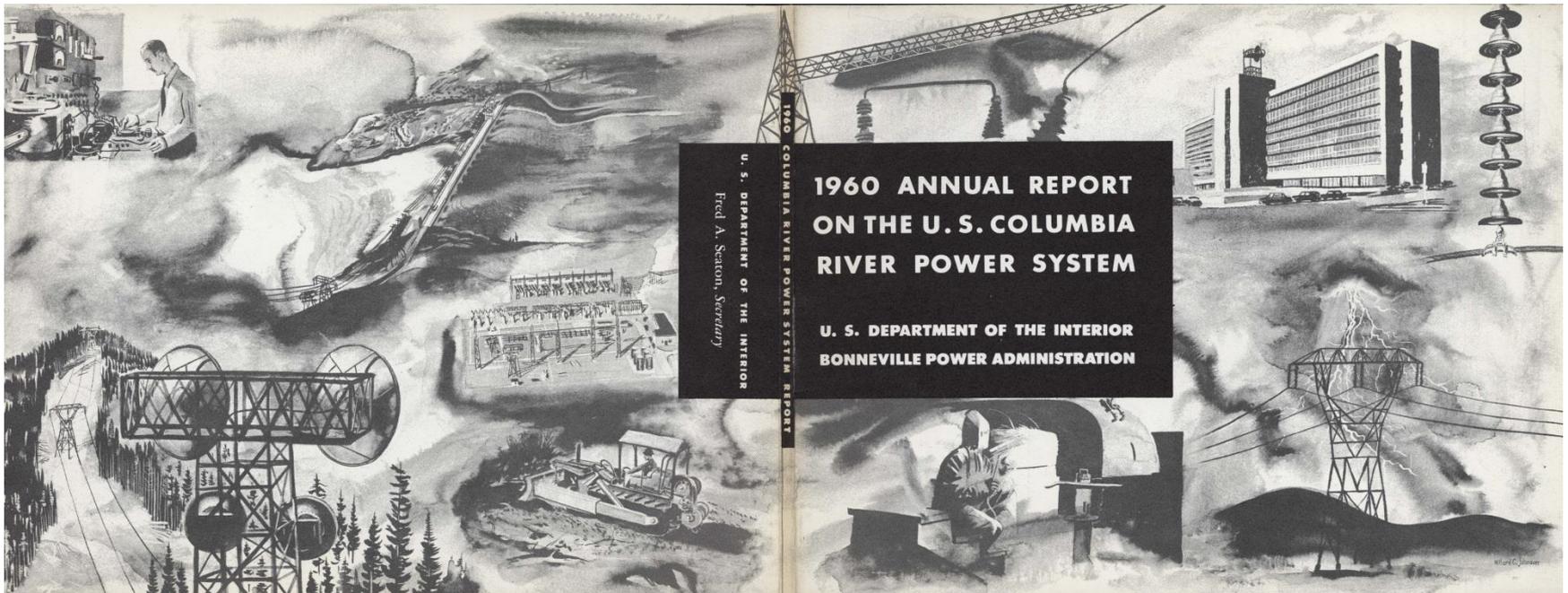
BPA Annual Report - 1952



BPA Annual Report - 1957



BPA Annual Report - 1960



BPA Annual Report - 1960



BPA Annual Report - 1960

Letter of Transmittal

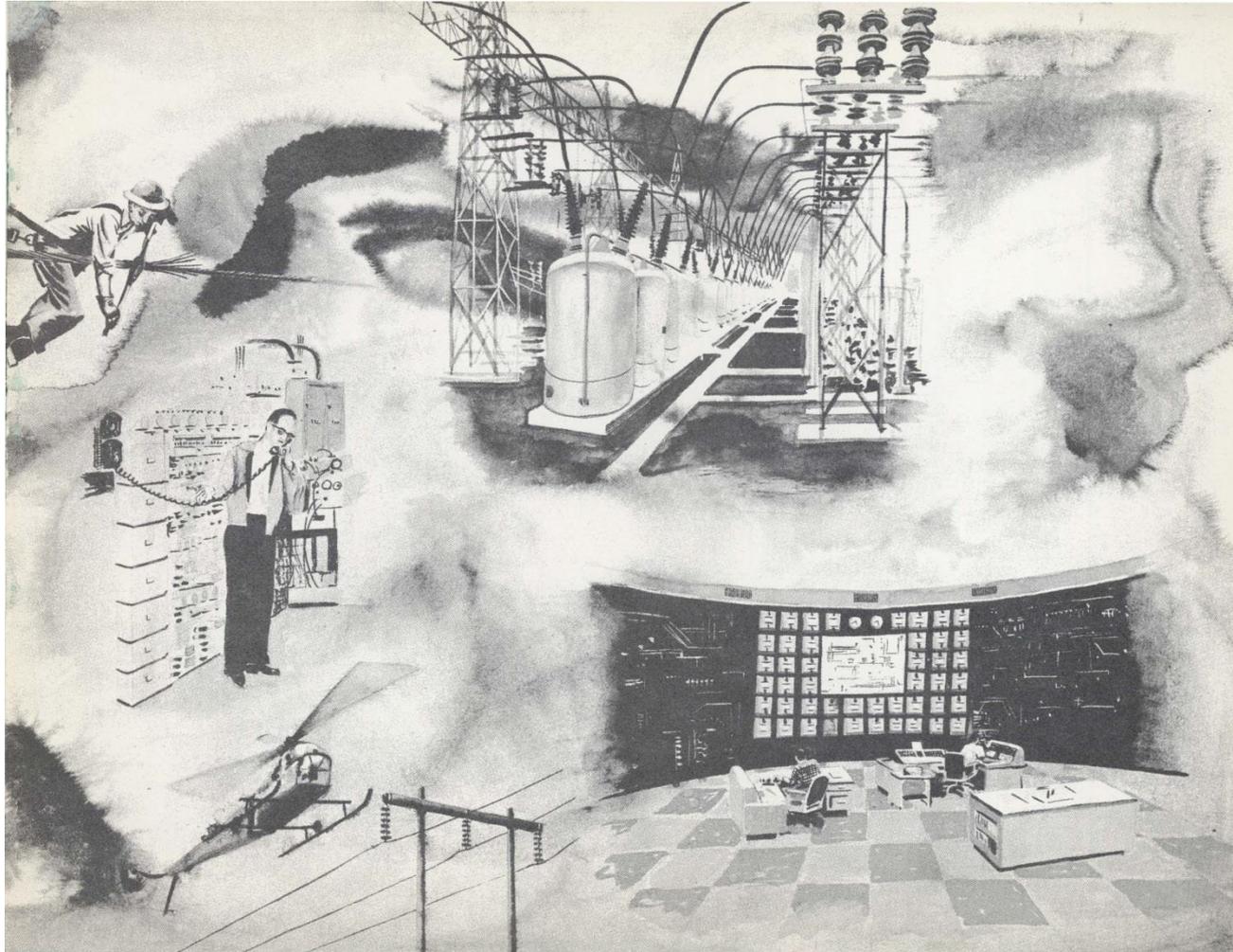
December 15, 1960

Hon. Fred A. Seaton
Secretary of the Interior
Washington, D. C.

Dear Mr. Secretary:

I herewith respectfully submit the Twenty-third Annual Report of Bonneville Power Administration as specified in subsection 9(c) of the Bonneville Project Act. The report is an accounting of the marketing and transmission of electric energy generated by Federal multipurpose dams in the Administration's marketing area of Oregon, Washington, northern Idaho, Montana west of the Continental Divide, and a small segment of northwest Nevada.

BPA Annual Report – 1960 – inside back cover



BPA Annual Report - 1961



BPA Annual Report - 1961

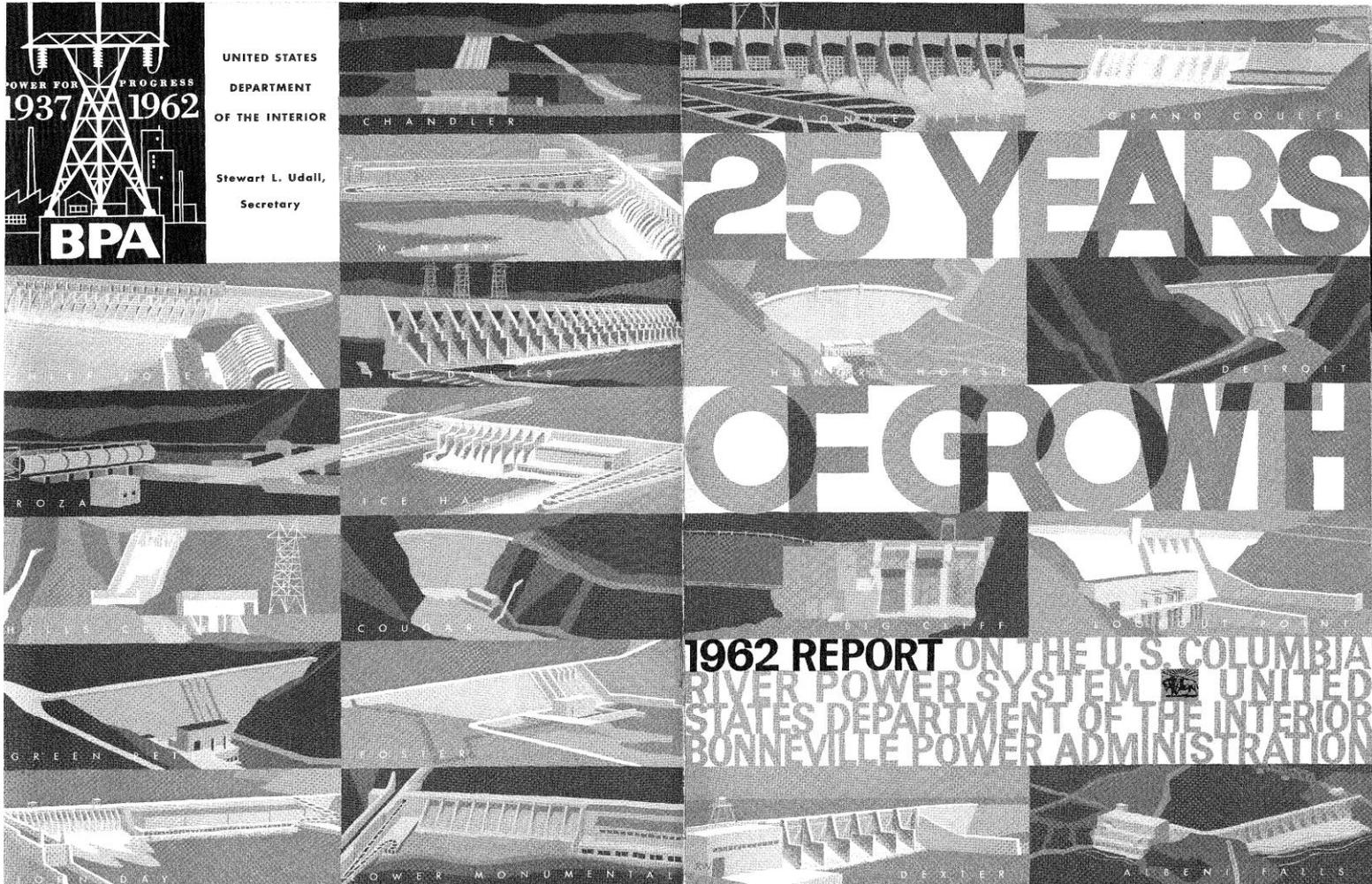


A helicopter takes off with a lead line to span a precipitous canyon in the Cascade range with a high voltage BPA transmission line.

BPA Annual Report - 1961



BPA Annual Report – 1962 – cover spread



BPA Annual Report – 1962 – note from JFK



August 20, 1962

When you help build a region, you help build your nation. This is the real significance of Bonneville Power Administration's first 25 years.

The Bonneville Project Act, signed 25 years ago by President Franklin D. Roosevelt, expressed the aspirations of the Pacific Northwest with respect to its unique endowment of water resources. It foresaw what wide distribution of electric power at low cost could do for the region and the nation, and it provided the vehicle to accomplish this goal.

Today the evidence is all around us. People of the Pacific Northwest use more electricity--for their homes, their farms, their businesses, their industries--than the residents of any other region. More than 99 percent of the area's farms are electrified. Northwest industry has built and thrived and expanded on Columbia River power. Electric rates of all utilities, public and private, in the Bonneville marketing area are some of the lowest in the nation.

Other regions also have benefited. The economic growth of the Pacific Northwest has created a bigger market for Detroit cars and Pittsburgh steel and Boston shoes and Atlanta textiles. The list is almost without end, and proves again that the economic vitality of one region affects the economic vitality of all other regions.

Twice in Bonneville's relatively short life-span our nation has been required to fight wars to preserve freedom. On each occasion, Bonneville's great hydro and transmission resources played an important role in victory.

Bonneville's first 25 years point the way to ever bigger contributions to the economic growth and prosperity and security of our nation.

The job of developing the hydroelectric potential of the Columbia River system is less than half done. May the past achievements of the Bonneville Power Administration serve as an inspiration to get on with the job in the years ahead.

BPA Annual Report – 1962 -- news

The 1-year contract was designed to provide the required experience in the complex scheduling of coordinating operation of over 100 projects represented by the participating utilities.

A new 1-year coordination agreement is under negotiation to provide additional experience and knowledge looking forward to a proposed long-term contract.

RESOURCES FOR THE FUTURE

Conservation of hydroelectric resources requires careful advance planning and scheduling. U. S. Columbia River multipurpose projects must be planned in close cooperation with other Federal agencies to assure the fullest utilization of flood control, irrigation, navigation and recreational benefits as well as power. Construction of these projects must be scheduled to meet insofar as possible the rapidly growing power demands of the region.

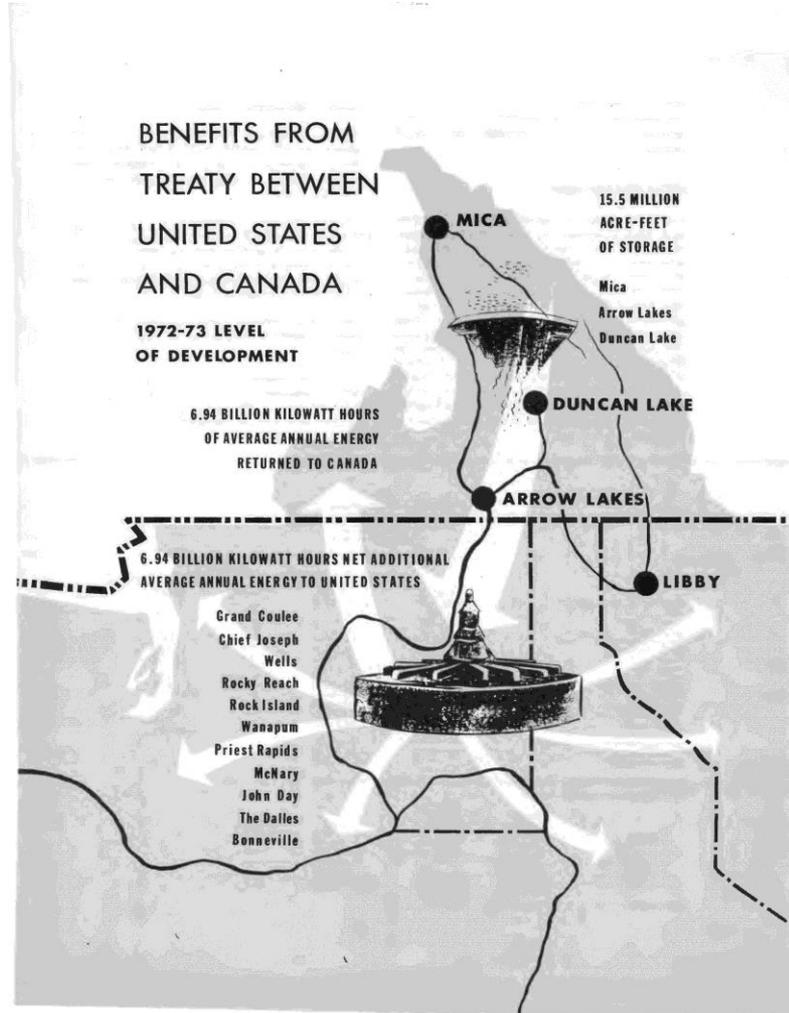
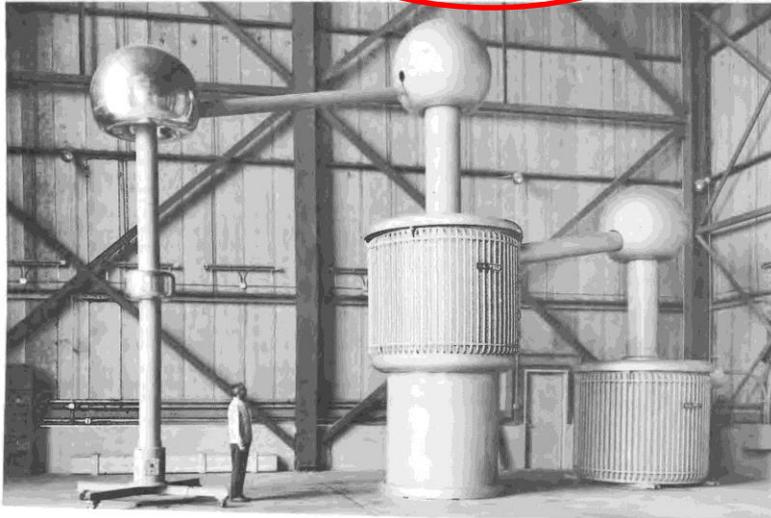
BPA during the year consistently emphasized the importance of early construction of key projects in the Snake River Basin such as Little Goose

Bruces Eddy and Asotin projects, the Knowles project, in western Montana, and similar feasible projects.

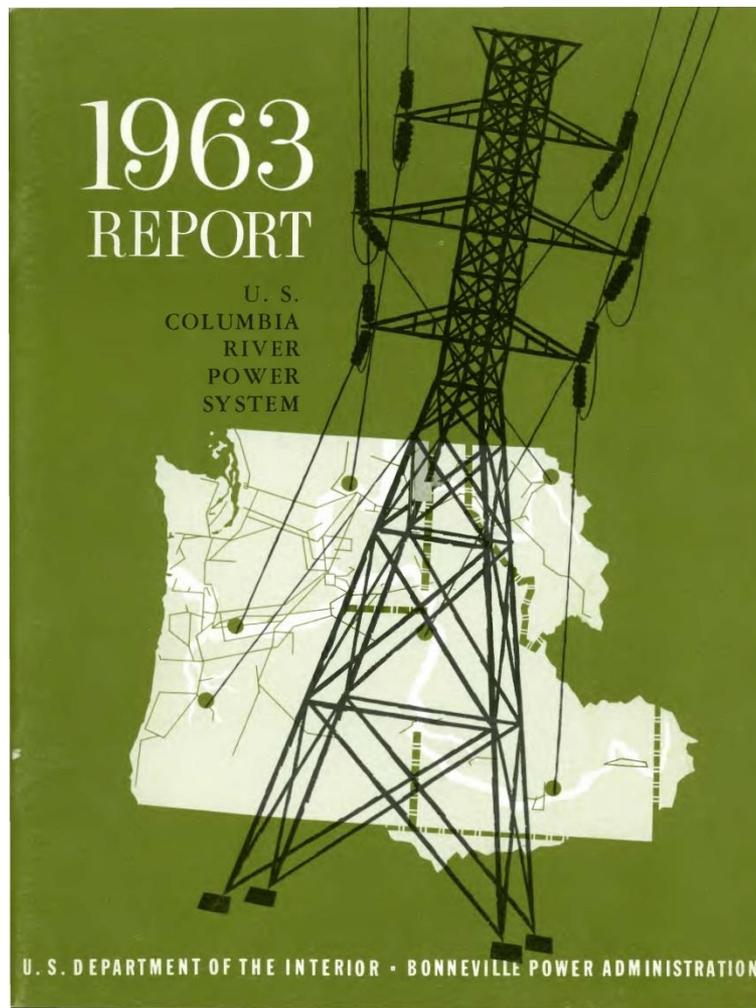
The greatest single remaining potential hydroelectric resource in the region is the storage which could be provided through ratification of the Columbia River Treaty. Completion of the three proposed storage projects in Canada and Libby Dam in the United States would add about 2,000,000 kilowatts of dependable capacity to U.S. power resources. If the Canadian Treaty is not ratified, alternative resources must be developed.

HANFORD

Bonneville Power Administration staff members worked closely with the Washington Public Power Supply System and the Atomic Energy Commission on plans before Congress to authorize a program for construction of generating facilities for the New Production Reactor at Hanford. The Hanford project if approved this year could provide about 900,000 kilowatts of firm power to meet anticipated power deficits beginning in 1965-66.



BPA Annual Report – 1963 -- cover



BPA Annual Report – 1963 – Hanford N-1



Architect's drawing of nuclear powerhouse at Hanford.

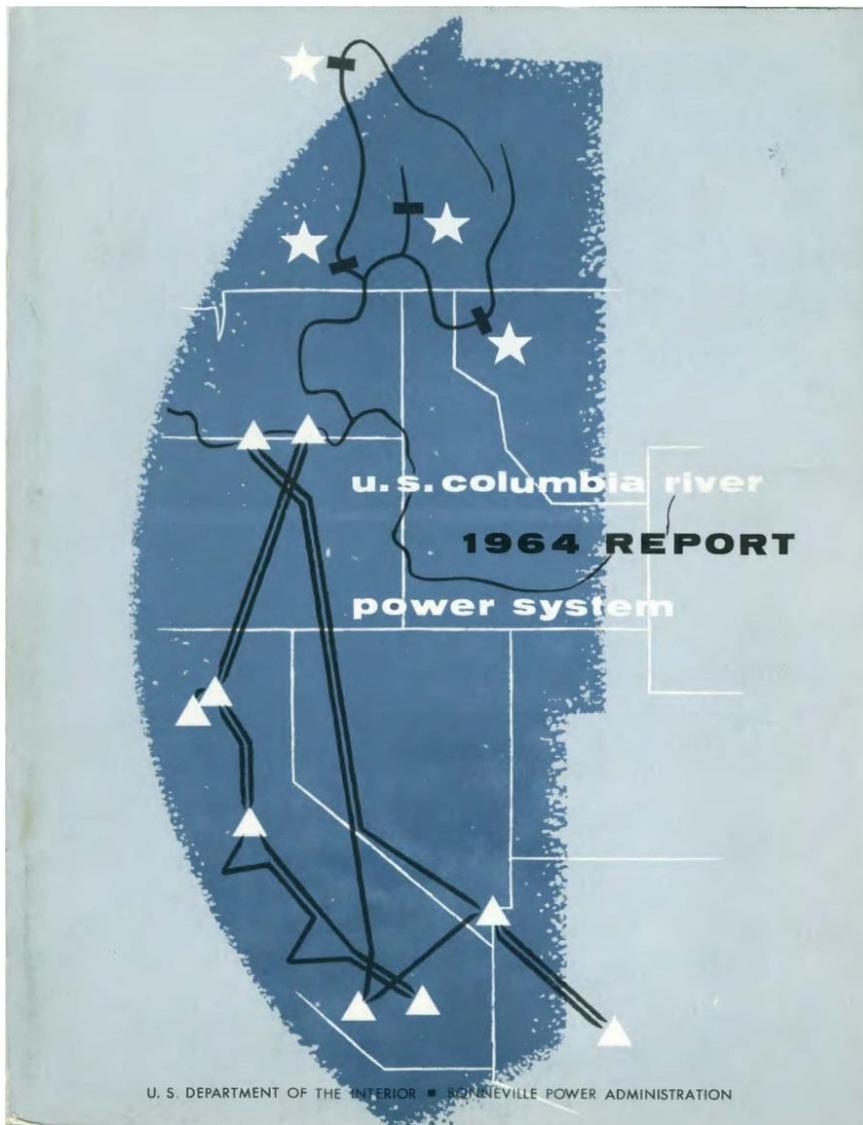
Contents

LETTER OF TRANSMITTAL	→	
ANNUAL OPERATIONS	_____	1
FINANCIAL REPORT	_____	11

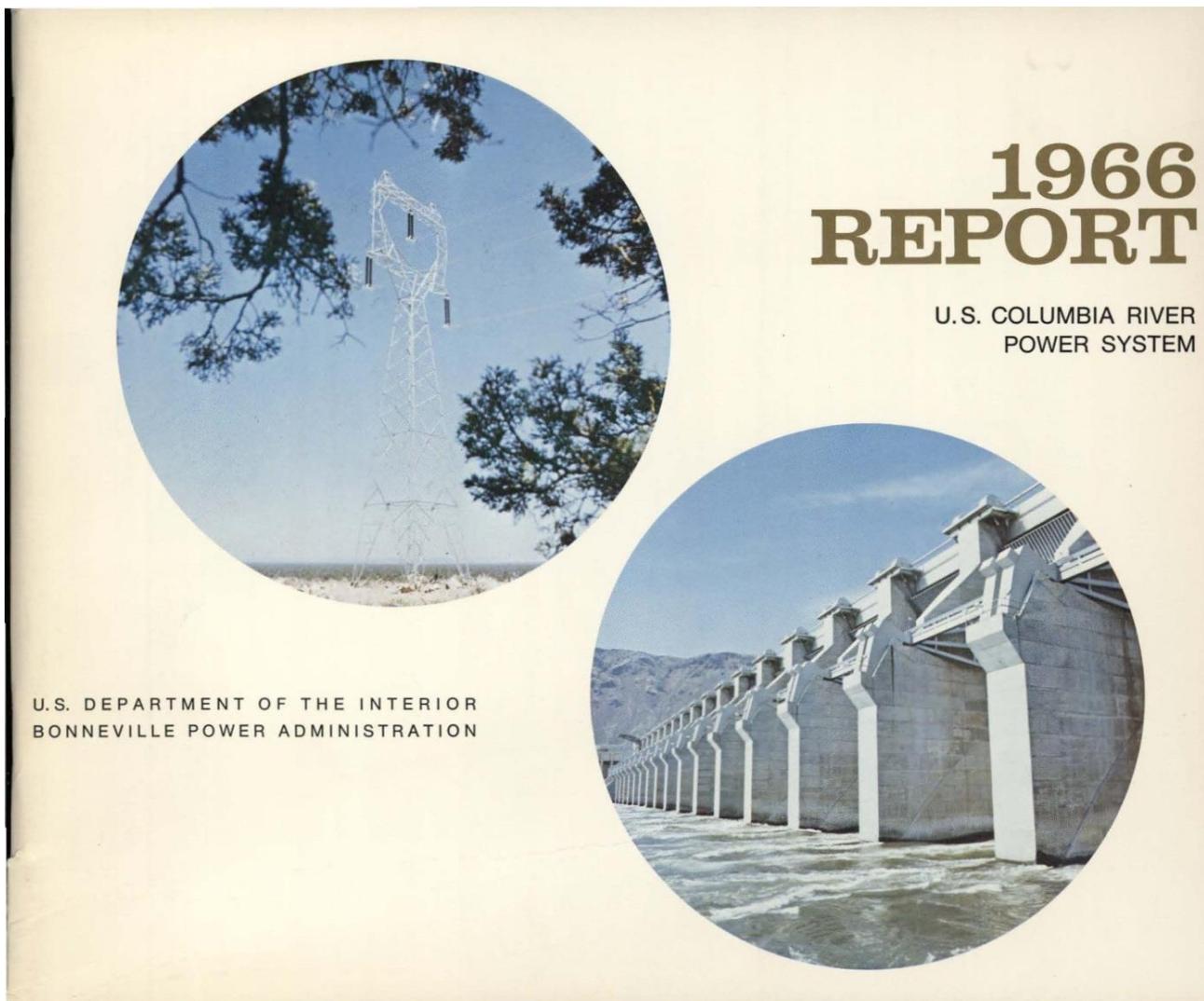
BPA Annual Report – 1963 – HVDC test center



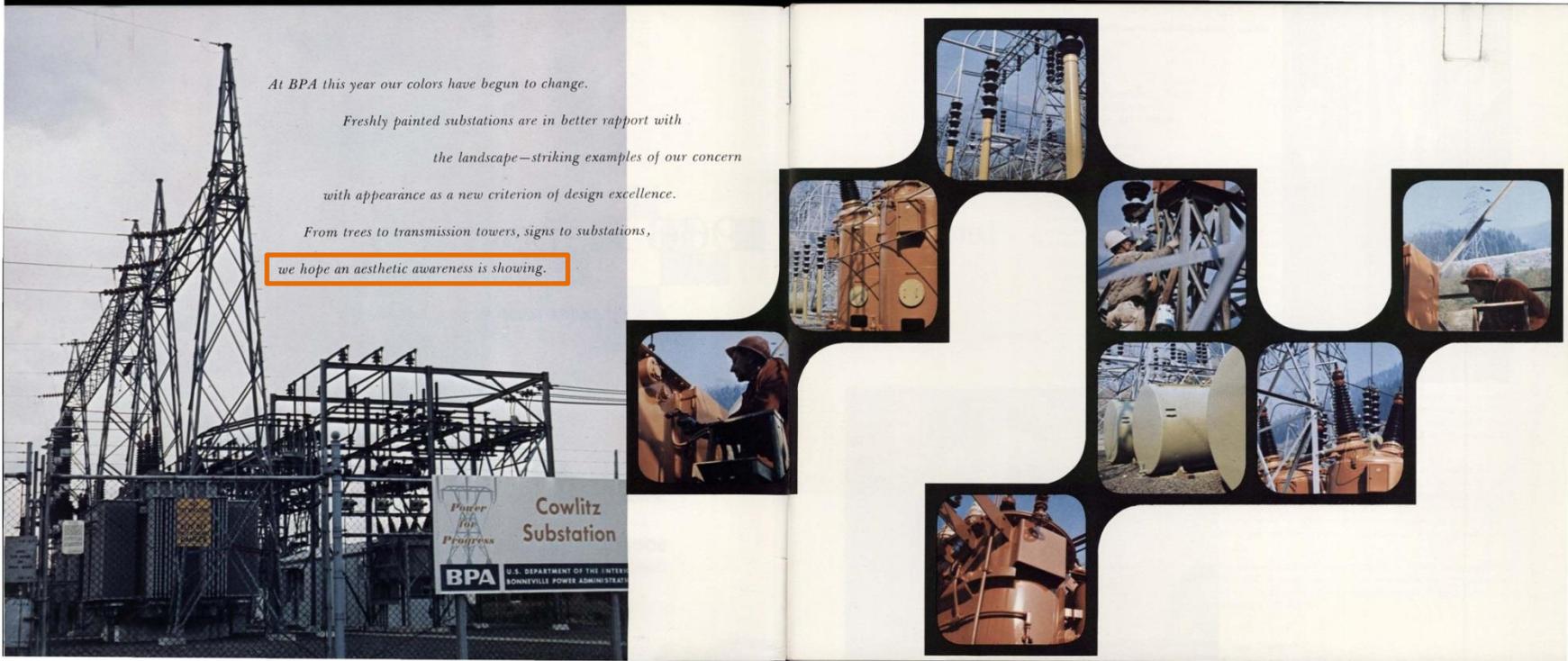
BPA Annual Report – 1964 – cover



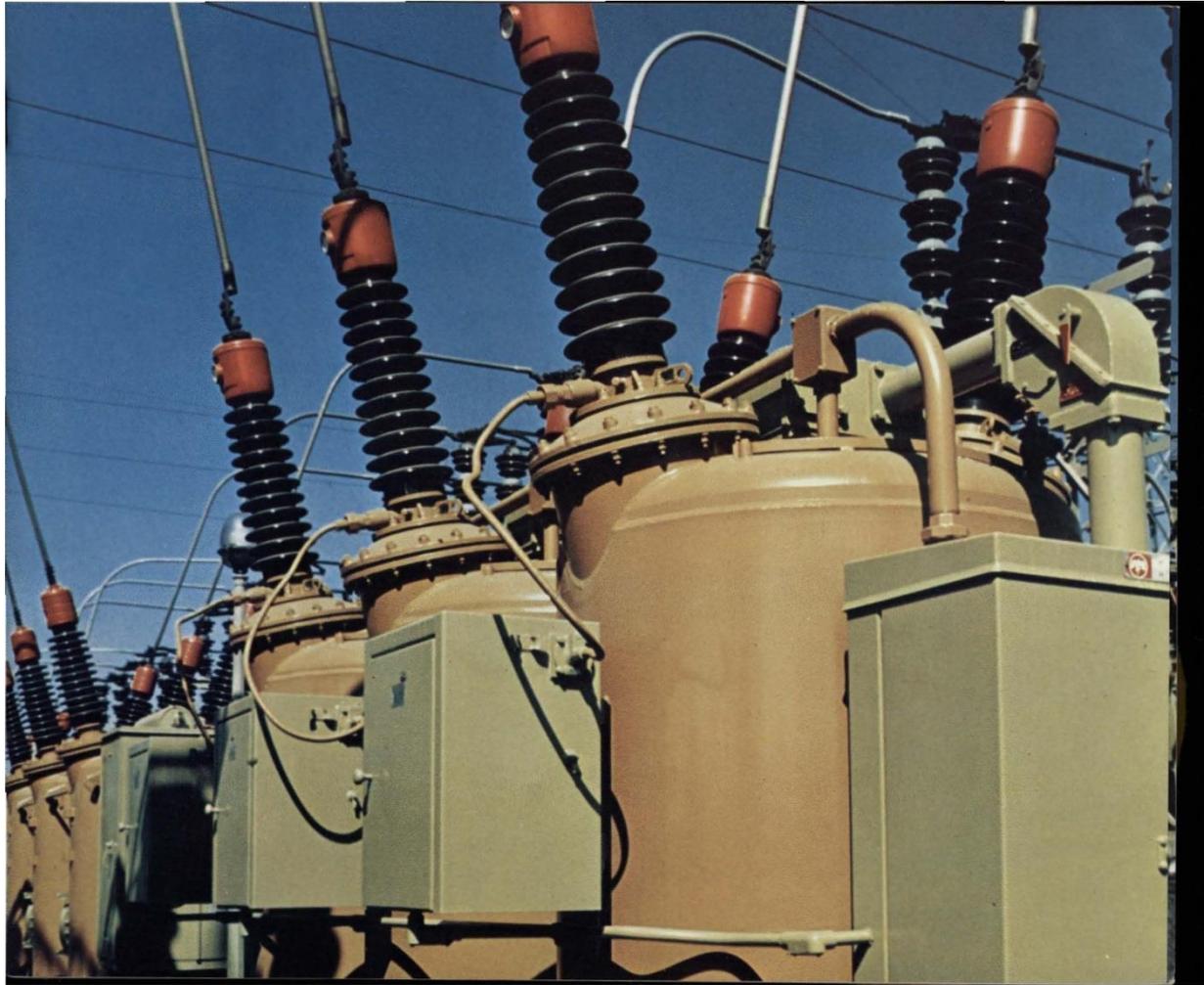
BPA Annual Report – 1966 – cover



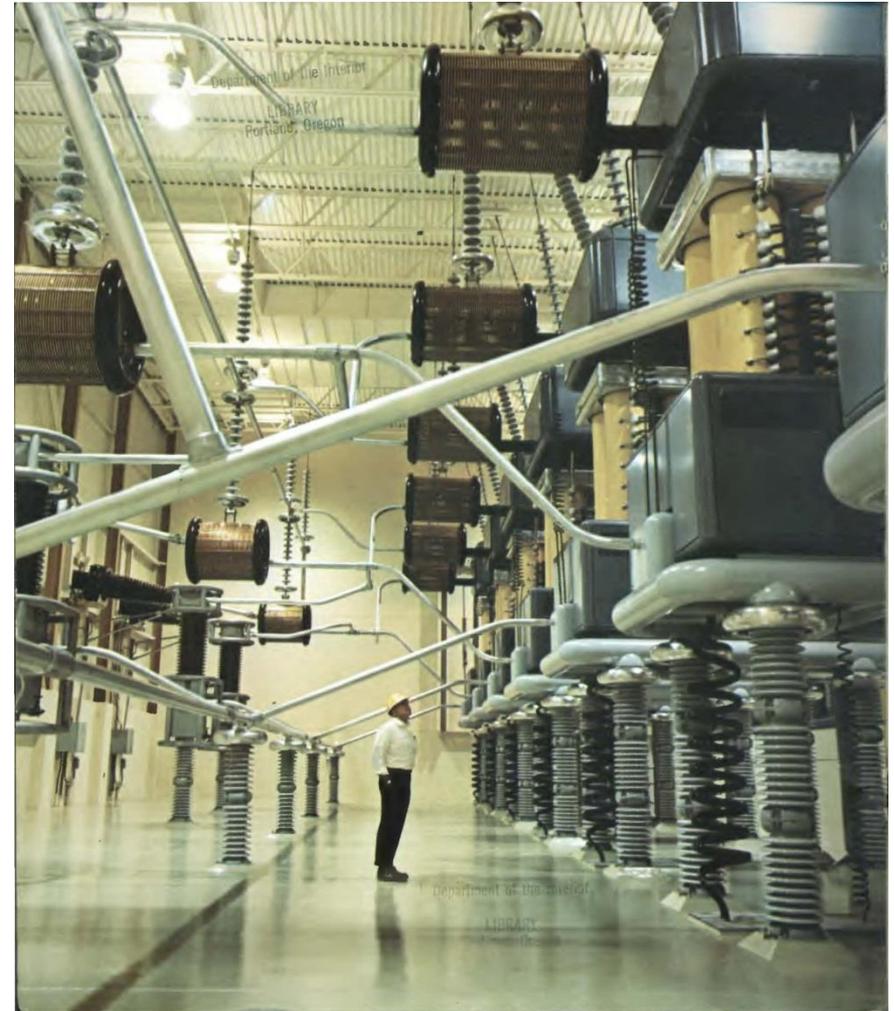
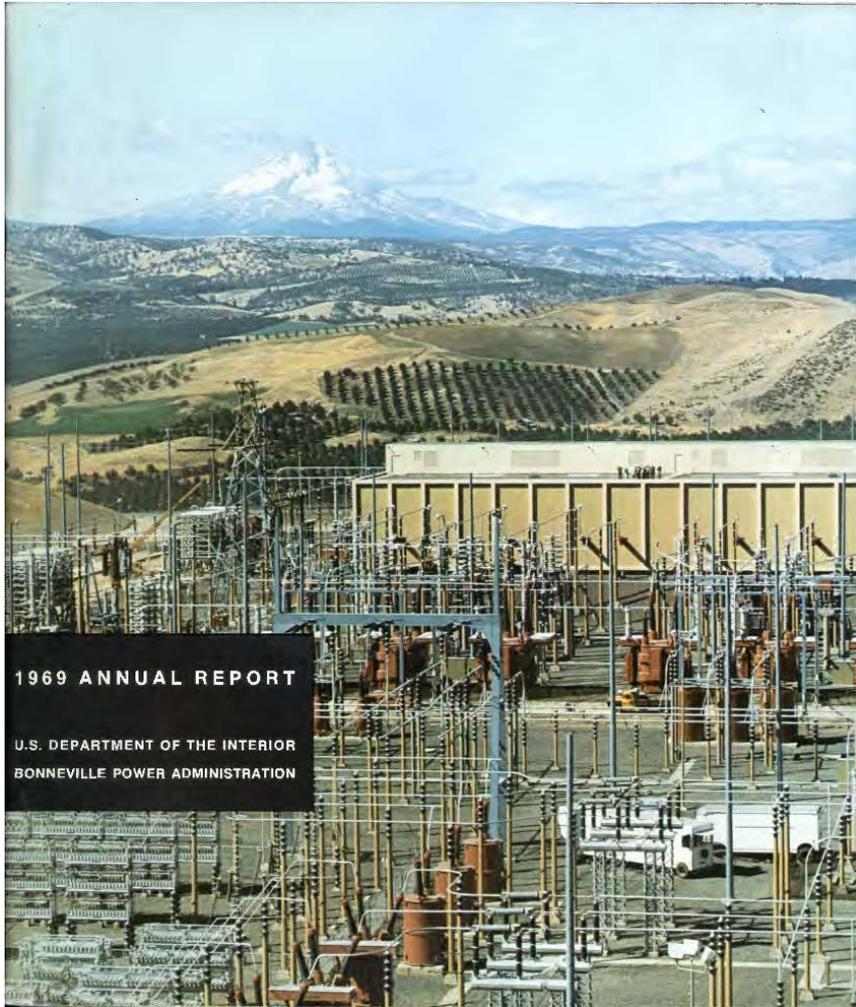
BPA Annual Report – 1966 – photo montage spread “Beautility”



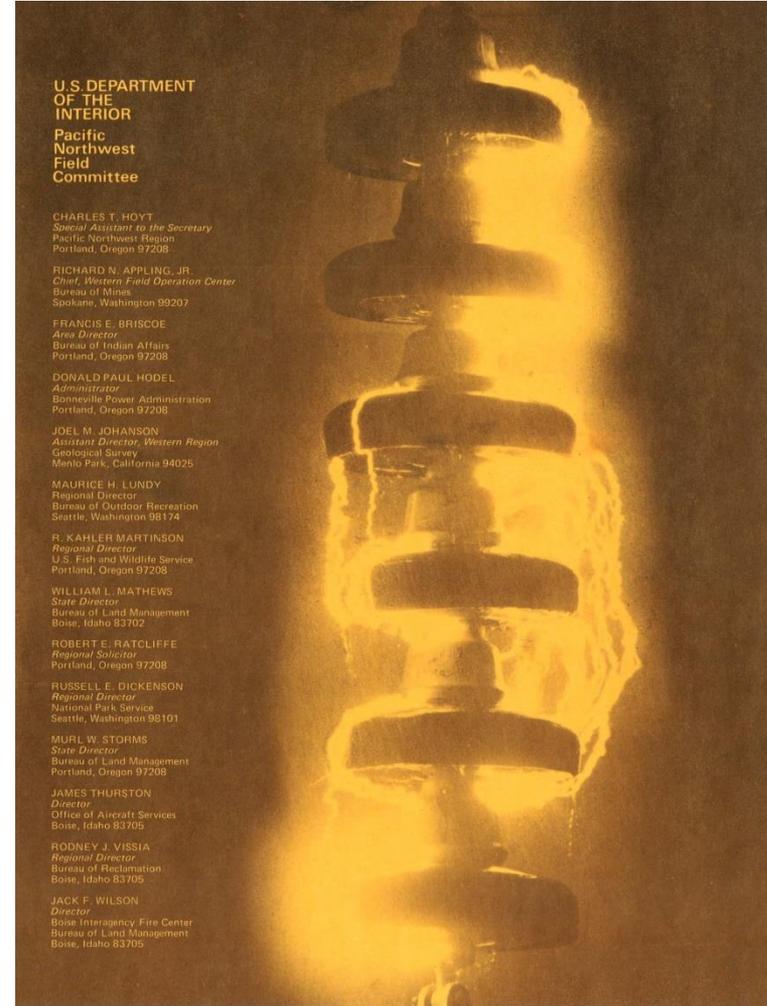
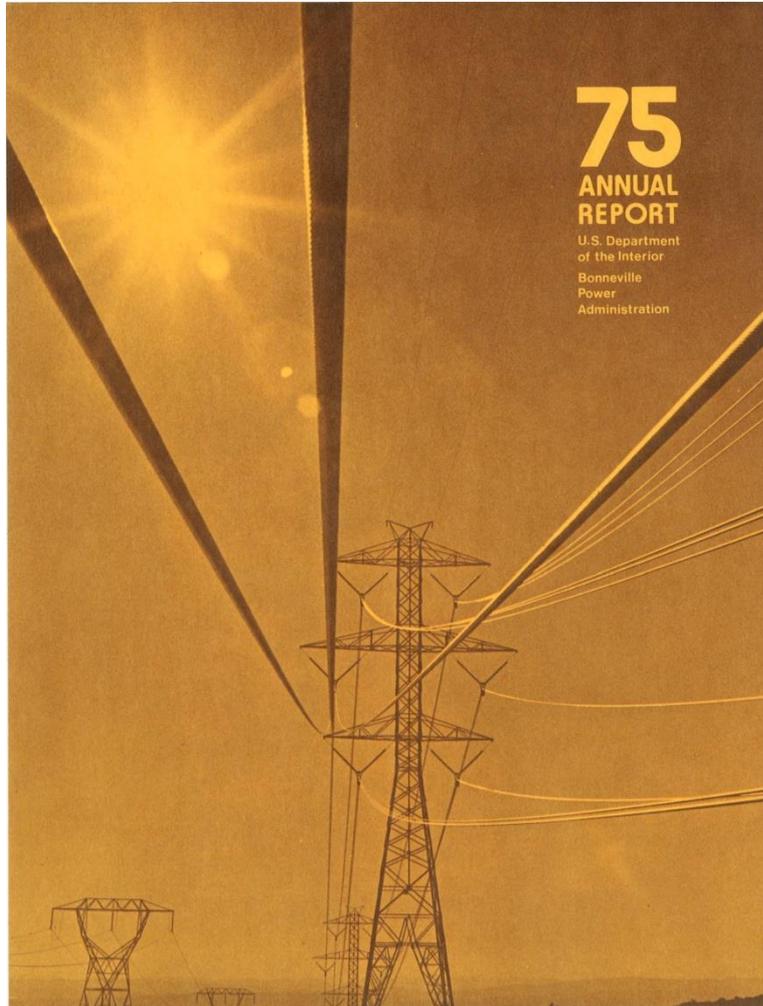
BPA Annual Report – 1966 – “Beautility”



BPA Annual Report – 1969 – Celilo

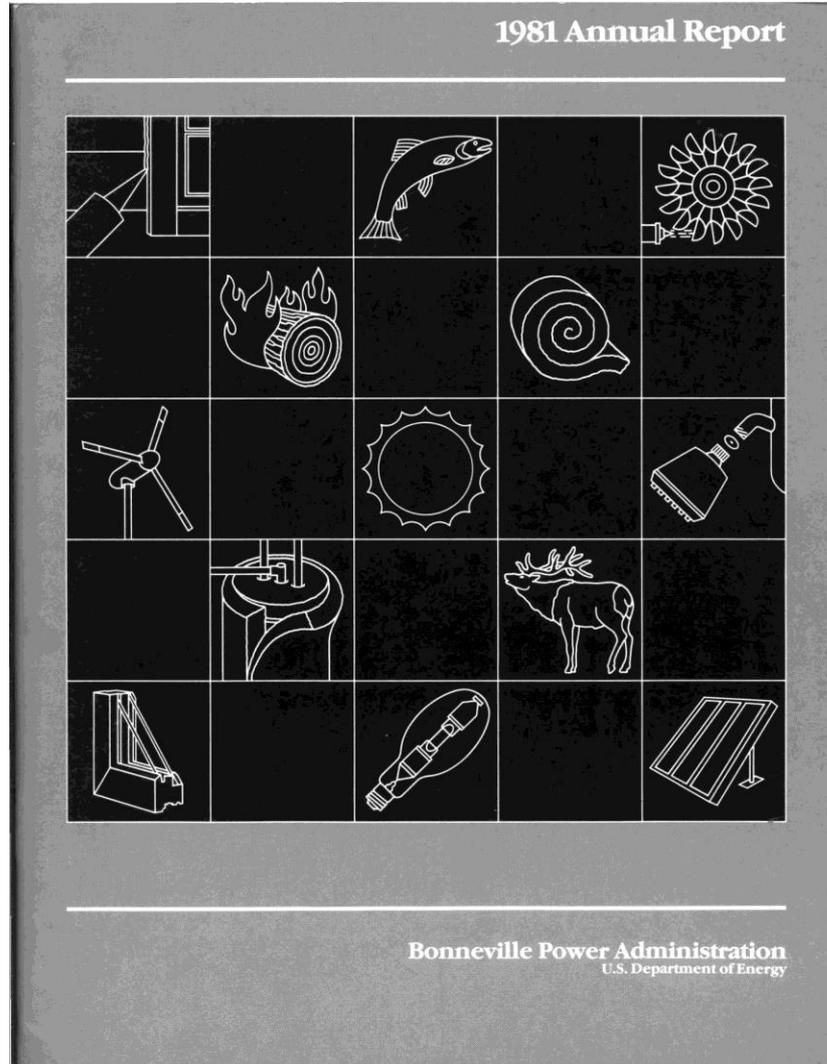


BPA Annual Report – 1975 – cover and test image

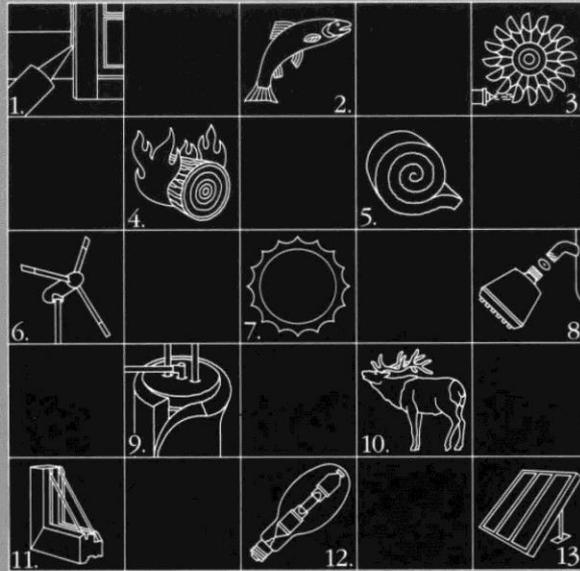


Annual Report – 1981 – “Power Act”

Pacific Northwest Power Planning and Conservation Act



Annual Report – 1981 – “Power Act” – key



Cover Illustration

The cover of this Annual Report depicts some of the new activities being undertaken by Bonneville Power Administration in carrying out the initiatives of the Pacific Northwest Electric Power Planning and Conservation Act of 1980. Among the salient programs prescribed in this landmark legislation are: a) energy conservation; b) fish and wildlife protection, mitigation and enhancement; and c) renewable resource development and acquisition.

1. Building weatherization
2. Fish mitigation
3. Small hydroelectric projects
4. Biomass generation
5. Insulation
6. Wind generation
7. Solar applications
8. Shower flow restrictors
9. Water heater wrapping
10. Wildlife protection
11. Double glazed windows
12. Energy-efficient lighting
13. Solar panels

BPA Annual Reports – how to find


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Budget Submission to Congress

Debt Management

Financial Plan

Financial Public Processes

Asset Management

Cost Verification Process

Rate Cases

Financial Information

BPA financial reports are grouped by the categories on the left. Each category contains a brief description of the report, frequency and point of contact. Most reports are in pdf file format and require the free acrobat reader.

Please contact the following persons for questions regarding these categories of financial information:

Annual or Quarterly Reports: [Kevin Owen](#)

Financial Overview: [Amy Attinasi](#)

Budget Submission to Congress: [Shawna Lamothe](#)

Debt Management: [Jon Dull](#)

Financial Plan: [Alex Lennox](#)

For any other content questions, please contact the Corporate Communications office at 503-230-5273.

For access to agency news releases, refer to our [Newsroom](#).

Financial Highlights

Financial Overview for FY 2015 through March 31, 2015

FCRPS

- **The 2nd Quarter Review End-of-Year (EOY) Adjusted Net Revenue forecast is \$145 million, a \$38 million decrease from the 1st Quarter, a \$54 million increase from the Start-of-Year (SOY) forecast and a \$45 million increase from the rate case.**
 - The Rate Case forecast of Adjusted Net Revenue was \$100 million and the SOY forecast was \$91 million.

Power Services

- **The 2nd Quarter Review EOY forecast for Power Modified Net Revenues is \$61 million, a \$32 million decrease from the 1st Quarter, a \$62 million increase from the SOY forecast, and a \$71 million increase from the rate case.**
 - Power's Modified Net Revenue forecast for the Rate Case is \$(10) million and SOY is \$(1) million.
 - The revenue forecast for the Second Quarter Review is \$87 million below the First Quarter Review due to lower secondary sales, US Treasury Credits, revenue from preference customers, and direct service industry revenues from Alcoa's recent request to reduce their purchases from 300aMW to 75aMW as of May 1, 2015.
 - The expense forecast for the Second Quarter Review is \$55 million below the First Quarter Review due to a \$28 million expense reduction tied to the California Refund Proceedings and to lower program and internal costs.
 - It is only halfway through the fiscal year and significant sources of volatility in net revenue remain uncertain – particularly hydro conditions and market prices.
- **Power's capital forecast for the 2nd Quarter Review is down \$52 million due to potential delays in Federal Hydropower projects, potential delays in F&W hatchery construction, and possible utility utilization of energy efficiency incentive budget flexibility.**

Financial Overview for FY 2015 through March 31, 2015

Transmission Services

- **The 2nd Quarter Review EOY forecast for Transmission Net Revenues is \$84 million, a \$7 million decrease from the 1st Quarter, an \$8 million decrease from the SOY forecast and a \$26 million decrease from the rate case.**
 - The revenue forecast for the Second Quarter Review is \$11 million below the First Quarter Review due to reduced hydro and much lower NW-California price spreads reducing Short-Term and Operating Reserve revenues.
 - The expense forecast for the Second Quarter Review is \$4 million below the First Quarter Review. Reductions to Facility projects in the Non-Electric Maintenance program, decreased Generation Input ancillary service expense due to lower hydro conditions, and lower Planned Acquisition are the drivers for the decrease.
 - Transmission is dedicated through continued cost management efforts to manage additional cost pressures within existing budget levels.
- **The 2nd Quarter EOY forecast for Transmission Capital is \$729 million, a \$28 million increase from the 1st Quarter. The increases in Main Grid and Upgrades & Additions projects of \$52 million are offset by reductions in Area & Customer Services and PFIA projects of \$24 million.**
 - The increase in capital spending in FY 2015 is due to the timing of project execution that resulted in construction costs moving from FY 2014 into FY 2015.

2nd Quarter Review – Executive Highlights

(\$ in Millions)

	A	B	C
	FY 2014 Actuals ^{/2}	FY 2015 Start of Year ^{/2}	FY 2015 Current Quarter Review ^{/2}
1. Revenues ^{/1}	3,639	3,472	3,440
2. Expenses ^{/1}	3,195	3,291	3,208
3. Net Revenues (Expenses) ^{/1,3}	444	181	232 ^{/7}
4. Adjusted Net Revenues ^{/4}	236	91	145 ^{/7}
5. End of Year Financial Reserves ^{/5}	1,224	1,224	1,091 ^{/7}
6. BPA Accrued Capital Expenditures ^{/6}	544	836	391

Footnotes

<1 The actuals for Revenues, Expenses and Net Revenues are audited.

<2 Does not reflect power "bookout" transactions.

<3 Net revenues include the effects of non-federal debt management. An example of non-federal debt management is the refinancing of EN debt.

<4 Adjusted Net Revenues are calculated by adding Power Services Modified Net Revenues and Transmission Services Net Revenues.

<5 Financial reserves consist of BPA cash, investments in U.S. Treasury market-based special securities and deferred borrowing.

<6 Funded by borrowing from the U.S. Treasury.

<7 There is significant uncertainty regarding the potential results that could occur by the end of the year, mainly a result of water conditions, which may affect net secondary sales, and short-term market prices.

FY 2015 Second Quarter Financial Results & Second Quarter Forecast

Report ID: 0023FY15	Transmission Services Summary Statement of Revenues and Expenses	Run Date/Time: April 22, 2015/ 05:11
Requesting BL: TRANSMISSION BUSINESS UNIT	Through the Month Ended March 31, 2015	Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 50%

	FY 2014		FY 2015			FY 2015	
	A	B	C	D	E <Note 1>		F
	Actuals: FYTD	Actuals	Rate Case	SOY Budget	Current EOY Forecast		Actuals: FYTD
Operating Revenues							
1	\$ 456,121	\$ 892,463	\$ 896,107	\$ 895,296	\$ 888,839	\$ 451,532	
2	19,631	39,208	32,744	33,915	32,015	16,683	
3	42,270	120,625	118,509	104,246	109,201	53,052	
4	518,022	1,052,296	1,047,359	1,033,457	1,030,055	521,266	
Operating Expenses							
5	60,159	131,396	144,346	144,206	136,646	64,039	
6	65,860	153,989	157,893	161,177	159,321	71,663	
7	22,383	52,705	41,769	47,007	50,916	28,832	
8	77,877	155,368	134,245	150,953	154,636	79,425	
9	6,094	12,866	10,745	10,745	9,369	4,062	
10	9,251	18,501	18,819	18,819	18,819	9,410	
11	29,939	68,283	62,083	66,914	69,692	28,331	
12	1,384	(2,525)	-	-	(265)	(265)	
13	105,104	213,257	207,640	223,380	223,380	110,421	
14	378,051	803,840	777,540	823,202	822,514	395,918	
15	139,970	248,455	269,819	210,255	207,541	125,349	
Interest Expense and (Income)							
16	70,443	158,240	212,722	174,692	172,309	84,899	
17	(19,211)	(40,861)	(39,234)	(49,000)	(42,000)	(21,266)	
18	(3,391)	(9,254)	(13,677)	(7,455)	(6,320)	(2,650)	
19	47,841	108,125	159,811	118,237	123,989	60,983	
20	\$ 92,129	\$ 140,331	\$ 110,008	\$ 92,018	\$ 83,552	\$ 64,366	

<1 Although the forecasts in this report are presented as point estimates, BPA operates a hydro-based system that encounters much uncertainty regarding water supply and wholesale market prices. These uncertainties, among other factors, may result in large range swings +/- impacting the final results in revenues, expenses, and cash reserves.

Report ID: 0023FY15

Requesting BL: TRANSMISSION BUSINESS UNIT

Unit of Measure: \$ Thousands

QBR Forecast Analysis: Transmission Services

Through the Month Ended March 31, 2015

Preliminary/ Unaudited

Run Date/Time: April 22, 2015/ 05:11

Data Source: EPM Data Warehouse

% of Year Elapsed = 50%

		A	B	C
		FY 2015		FY 2015
		1st Quarter Forecast	Current EOY Forecast	Current EOY Forecast - 1st Quarter Forecast
Operating Revenues				
1	Sales	\$ 896,761	\$ 888,839	\$ (7,922)
2	Miscellaneous Revenues	34,185	32,015	(2,169)
3	Inter-Business Unit Revenues	109,839	109,201	(638)
4	Total Operating Revenues	1,040,785	1,030,055	(10,730)
Operating Expenses				
5	Transmission Operations	143,252	136,646	(6,606)
6	Transmission Maintenance	161,434	159,321	(2,113)
7	Transmission Engineering	50,329	50,916	586
8	Trans Services Transmission Acquisition and Ancillary Services	157,692	154,636	(3,056)
9	Transmission Reimbursables	9,441	9,369	(72)
BPA Internal Support				
10	Additional Post-Retirement Contribution	18,819	18,819	-
11	Agency Services G&A	66,492	69,692	3,200
12	Other Income, Expenses & Adjustments	(2,572)	(265)	2,308
13	Depreciation & Amortization	223,380	223,380	-
14	Total Operating Expenses	828,267	822,514	(5,754)
15	Net Operating Revenues (Expenses)	212,517	207,541	(4,976)
Interest Expense and (Income)				
16	Interest Expense	177,270	172,309	(4,960)
17	AFUDC	(49,000)	(42,000)	7,000
18	Interest Income	(6,483)	(6,320)	163
19	Net Interest Expense (Income)	121,787	123,989	2,202
20	Net Revenues (Expenses)	\$ 90,730	\$ 83,552	\$ (7,178)

Report ID: 0063FY15

Transmission Services Revenue Detail by Product

Run Date/Time: April 22, 2015 07:37

Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended March 31, 2015

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

		A	B	C	D
		FY 2015			FY 2015
		Rate Case	SOY Budget	Current EOY Forecast	Actuals
Transmission Services Operating Revenues					
NETWORK					
1	PTP - LONG TERM	\$ 462,832	\$ 442,361	\$ 445,177	\$ 222,983
2	NETWORK INTEGRATION	129,253	130,180	130,757	71,402
3	INTEGRATION OF RESOURCES	5,541	5,541	5,541	2,771
4	FORMULA POWER TRANSMISSION	16,770	18,782	18,684	9,349
5	PTP - SHORT TERM	28,244	26,762	22,946	11,797
6	TOTAL: NETWORK	642,640	623,627	623,106	318,302
ANCILLARY SERVICES					
7	SCHEDULING, SYSTEM CONTROL & DISPATCH	129,381	125,467	125,383	63,684
8	OPERATING RESERVES - SPIN & SUPP	41,919	47,798	45,719	22,053
9	VARIABLE RES BALANCING	60,589	61,866	61,812	30,568
10	REGULATION & FREQ RESPONSE	6,118	6,027	5,934	3,091
11	ENERGY & GENERATION IMBALANCE	-	5,677	6,778	2,436
12	DISPATCHABLE RES BALANCING	3,116	2,091	1,947	768
13	TOTAL: ANCILLARY SERVICES	241,123	248,925	247,571	122,600
INTERTIE					
14	SOUTHERN INTERTIE LONG TERM	81,872	82,035	82,035	40,916
15	SOUTHERN INTERTIE SHORT TERM	4,261	4,210	3,724	616
16	MONTANA INTERTIE LONG TERM	115	115	115	57
17	MONTANA INTERTIE SHORT TERM	-	51	35	47
18	TOTAL: INTERTIE	86,248	86,410	85,909	41,636

Report ID: 0063FY15	Transmission Services Revenue Detail by Product	Run Date/Time: April 22, 2015 07:37
Requesting BL: TRANSMISSION BUSINESS UNIT	Through the Month Ended March 31, 2015	Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 50%

	A	B	C	D
	FY 2015			FY 2015
	Rate Case	SOY Budget	Current EOY Forecast	Actuals
OTHER REVENUES & CREDITS				
19 TOWNSEND-GARRISON TRANS	\$ 12,421	\$ 12,394	\$ 12,371	\$ 6,166
20 GEN INTEGRATION - OTHER REV	9,659	9,659	9,659	4,830
21 USE OF FACILITIES	5,147	5,075	5,057	2,534
22 POWER FACTOR PENALTY	3,456	4,103	3,465	1,595
23 NFP - DEPR PNW PSW INTERTIE	2,943	3,325	3,345	1,714
24 AC - PNW PSW INTERTIE - OTH REV	1,594	1,695	1,696	857
25 OPERATIONS & MAINT - OTHER REV	1,054	3,158	948	473
26 COE & BOR PROJECT REV	954	954	-	398
27 RESERVATION FEE - OTHER REV	2,780	547	373	373
28 TRANSMISSION SHARE IRRIGATION	382	246	246	27
29 LAND LEASES AND SALES	301	295	207	273
30 OTHER LEASES REVENUE	78	105	76	16
31 REMEDIAL ACTION - OTHER REV	51	41	36	15
32 MISC SERVICES - LOSS-EXCH-AIR	100	168	150	81
33 OVERSUPPLY	-	-	2,702	2,702
34 FAILURE TO COMPLY - OTHER REV	-	-	219	253
35 UNAUTHORIZED INCREASE - OTH REV	-	-	162	(203)
36 OTHER REVENUE SOURCES	-	-	154	46
37 TOTAL: OTHER REVENUES & CREDITS	40,920	41,764	40,865	22,149
FIBER & PCS				
38 FIBER OTHER REVENUE	7,876	8,567	8,653	4,330
39 WIRELESS/PCS - OTHER REVENUE	4,861	4,630	4,417	2,496
40 WIRELESS/PCS - REIMBURSABLE REV	1,185	3,127	1,987	623
41 FIBER OTHER REIMBURSABLE REV	1,157	818	813	945
42 TOTAL: FIBER & PCS	15,080	17,142	15,870	8,394
REIMBURSABLE				
43 REIMBURSABLE - OTHER REVENUE	15,419	9,800	11,167	5,546
44 ACCRUAL REIMBURSABLE	-	-	-	-
45 TOTAL: REIMBURSABLE	15,419	9,800	11,167	5,546
DELIVERY				
46 UTILITY DELIVERY CHARGES	3,296	3,155	3,006	1,365
47 DSI DELIVERY	2,633	2,633	2,562	1,275
48 TOTAL: DELIVERY	5,929	5,788	5,567	2,640
49 TOTAL: Transmission Services Operating Revenues	\$ 1,047,359	\$ 1,033,457	\$ 1,030,055	\$ 521,266

Report ID: 0021FY15
 Requesting BL: POWER BUSINESS UNIT
 Unit of measure: \$ Thousands

Power Services Summary Statement of Revenues and Expenses
 Through the Month Ended March 31, 2015
 Preliminary/ Unaudited

Run Date/Time: April 22, 2015 11:47
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

	FY 2014		FY 2015			FY 2015
	Actuals: FYTD	Actuals	Rate Case	SOY Budget	Current EOY Forecast	
Operating Revenues						
1 Gross Sales (excluding bookout adjustment) <Note 2	\$ 1,323,053	\$ 2,572,333	\$ 2,500,387	\$ 2,411,110	\$ 2,411,376	\$ 1,337,304
2 Bookout Adjustment to Sales	(30,409)	(38,281)	-	-	(10,137)	(10,137)
3 Miscellaneous Revenues	12,211	26,170	29,953	31,394	29,917	14,880
4 Inter-Business Unit	71,355	142,244	112,910	134,767	132,908	64,320
5 U.S. Treasury Credits	83,820	108,453	97,596	99,826	78,297	41,306
6 Total Operating Revenues	1,460,030	2,810,919	2,740,845	2,677,096	2,642,361	1,447,673
Operating Expenses						
Power System Generation Resources						
Operating Generation Resources						
7 Columbia Generating Station	139,100	297,825	338,558	330,763	326,995	179,367
8 Bureau of Reclamation	53,331	137,695	143,033	152,533	152,533	68,474
9 Corps of Engineers	102,799	223,451	231,878	237,378	237,378	106,338
10 Long-term Contract Generating Projects	8,997	20,969	26,619	27,843	27,345	13,327
11 Operating Generation Settlement Payment	8,272	19,225	21,906	21,497	18,555	7,624
12 Non-Operating Generation	886	160	2,228	1,467	1,410	623
13 Gross Contracted Power Purchases and Aug Power Purchases	180,103	237,500	149,531	104,278	52,741	17,926
14 Bookout Adjustment to Power Purchases	(30,409)	(38,281)	-	-	(10,137)	(10,137)
15 Residential Exchange/IOU Settlement Benefits <Note 2	113,978	201,345	201,899	201,500	200,303	113,200
16 Renewables	16,904	35,843	40,147	40,332	39,313	16,516
17 Generation Conservation	16,118	37,531	49,320	48,552	44,832	18,541
18 Subtotal Power System Generation Resources	610,079	1,173,264	1,205,118	1,166,143	1,091,269	531,800
19 Power Services Transmission Acquisition and Ancillary Services	70,538	175,477	165,102	163,363	166,852	82,692
20 Power Non-Generation Operations	35,814	75,654	95,010	91,532	81,490	36,053
21 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	133,142	272,467	302,469	302,454	300,606	141,095
BPA Internal Support						
22 Additional Post-Retirement Contribution	9,251	18,501	18,819	18,819	18,819	9,410
23 Agency Services G&A	26,004	58,267	57,215	57,410	59,714	25,377
24 Other Income, Expenses & Adjustments	885	(999)	-	(15,000)	(27,447)	(27,589)
25 Non-Federal Debt Service	276,979	140,766	441,278	190,785	191,268	90,782
26 Depreciation & Amortization	114,046	227,267	229,281	232,228	230,228	113,903
27 Total Operating Expenses	1,276,737	2,140,663	2,514,292	2,207,735	2,112,799	1,003,522
28 Net Operating Revenues (Expenses)	183,293	670,256	226,553	469,361	529,562	444,151
Interest Expense and (Income)						
29 Interest Expense	101,104	219,928	261,996	218,850	218,244	109,003
30 AFUDC	(5,470)	(9,375)	(11,175)	(11,000)	(11,000)	(4,940)
31 Interest Income	(6,121)	(14,192)	(13,911)	(6,587)	(7,498)	(2,838)
32 Net Interest Expense (Income)	89,513	196,361	236,909	201,263	199,746	101,225
33 Net Revenues (Expenses)	\$ 93,780	\$ 473,895	\$ (10,357)	\$ 268,099	\$ 329,816	\$ 342,926
34 Net Revenue Modifications <Note 3	-	(378,089)	-	(269,109)	(268,562)	(114,929)
35 Power Modified Net Revenue	\$ 93,780	\$ 95,806	\$ (10,357)	\$ (1,011)	\$ 61,254	\$ 227,997

<1 Although the forecasts in this report are presented as point estimates, BPA operates a hydro-based system that encounters much uncertainty regarding water supply and wholesale market prices. These uncertainties, among other factors, may result in large range swings +/- impacting the final results in revenues, expenses, and cash reserves.

<2 The Residential Exchange Program expenses reflect the Scheduled Amount of REP benefits payments established in the 2012 REP Settlement Agreement. The Scheduled Amount of REP benefit payments incorporates a \$76,537,617 reduction in REP benefits to provide Refund Amount payments to COUs. The Refund Amount returned to the COUs is reflected through a reduction in the Gross Sales amount.

<3 Power Modified Net Revenue (PMNR) is the result of a modification to Power Net Revenues for the purpose of mitigating the effects of debt management transactions that were not anticipated in the BP-14 Power Rate Case. PMNR excludes the impact of refinancing actions that result in non-cash net revenues or are being offset by cash transactions not reflected on the Power Income Statement in the same Fiscal Year (e.g., increased Federal Principal Payments on Federal appropriations). In 2014 and 2015, these transactions are limited to the refinancing of regional cooperation debt.

Report ID: 0021FY15
 Requesting BL: POWER BUSINESS UNIT
 Unit of measure: \$ Thousands

QBR Forecast Analysis: Power Services
 Through the Month Ended March 31, 2015
 Preliminary/ Unaudited

Run Date/Time: April 22, 2015 11:47
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		A	B	C
		FY 2015		FY 2015
		1st Quarter Forecast	Current EOY Forecast	Current EOY Forecast - 1st Quarter Forecast
Operating Revenues				
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,482,032	\$ 2,411,376	\$ (70,656)
2	Bookout Adjustment to Sales	(4,959)	(10,137)	(5,178)
3	Miscellaneous Revenues	34,799	29,917	(4,882)
4	Inter-Business Unit	134,950	132,908	(2,043)
5	U.S. Treasury Credits	82,268	78,297	(3,971)
6	Total Operating Revenues	2,729,090	2,642,361	(86,729)
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
7	Columbia Generating Station	329,763	326,995	(2,769)
8	Bureau of Reclamation	152,533	152,533	-
9	Corps of Engineers	237,378	237,378	-
10	Long-term Contract Generating Projects	27,843	27,345	(498)
11	Operating Generation Settlement Payment	21,863	18,555	(3,308)
12	Non-Operating Generation	1,467	1,410	(57)
13	Gross Contracted Power Purchases and Aug Power Purchases	53,456	52,741	(715)
14	Bookout Adjustment to Power Purchases	(4,959)	(10,137)	(5,177)
15	Residential Exchange/IOU Settlement Benefits <Note 2	201,500	200,303	(1,197)
16	Renewables	40,332	39,313	(1,019)
17	Generation Conservation	48,728	44,832	(3,897)
18	Subtotal Power System Generation Resources	1,109,904	1,091,269	(18,636)
19	Power Services Transmission Acquisition and Ancillary Services	168,110	166,852	(1,258)
20	Power Non-Generation Operations	90,277	81,490	(8,787)
21	Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	302,122	300,606	(1,516)
BPA Internal Support				
22	Additional Post-Retirement Contribution	18,819	18,819	-
23	Agency Services G&A	57,240	59,714	2,474
24	Other Income, Expenses & Adjustments	(48)	(27,447)	(27,399)
25	Non-Federal Debt Service	190,785	191,268	483
26	Depreciation & Amortization	232,228	230,228	(2,000)
27	Total Operating Expenses	2,169,437	2,112,799	(56,638)
28	Net Operating Revenues (Expenses)	559,653	529,562	(30,091)
Interest Expense and (Income)				
29	Interest Expense	218,550	218,244	(306)
30	AFUDC	(11,000)	(11,000)	-
31	Interest Income	(9,577)	(7,498)	2,078
32	Net Interest Expense (Income)	197,974	199,746	1,773
33	Net Revenues (Expenses)	\$ 361,679	\$ 329,816	\$ (31,863)

Report ID: 0064FY15

Power Services Detailed Statement of Revenues by Product

Run Date/Time: April 22, 2015 11:46

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended March 31, 2015

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

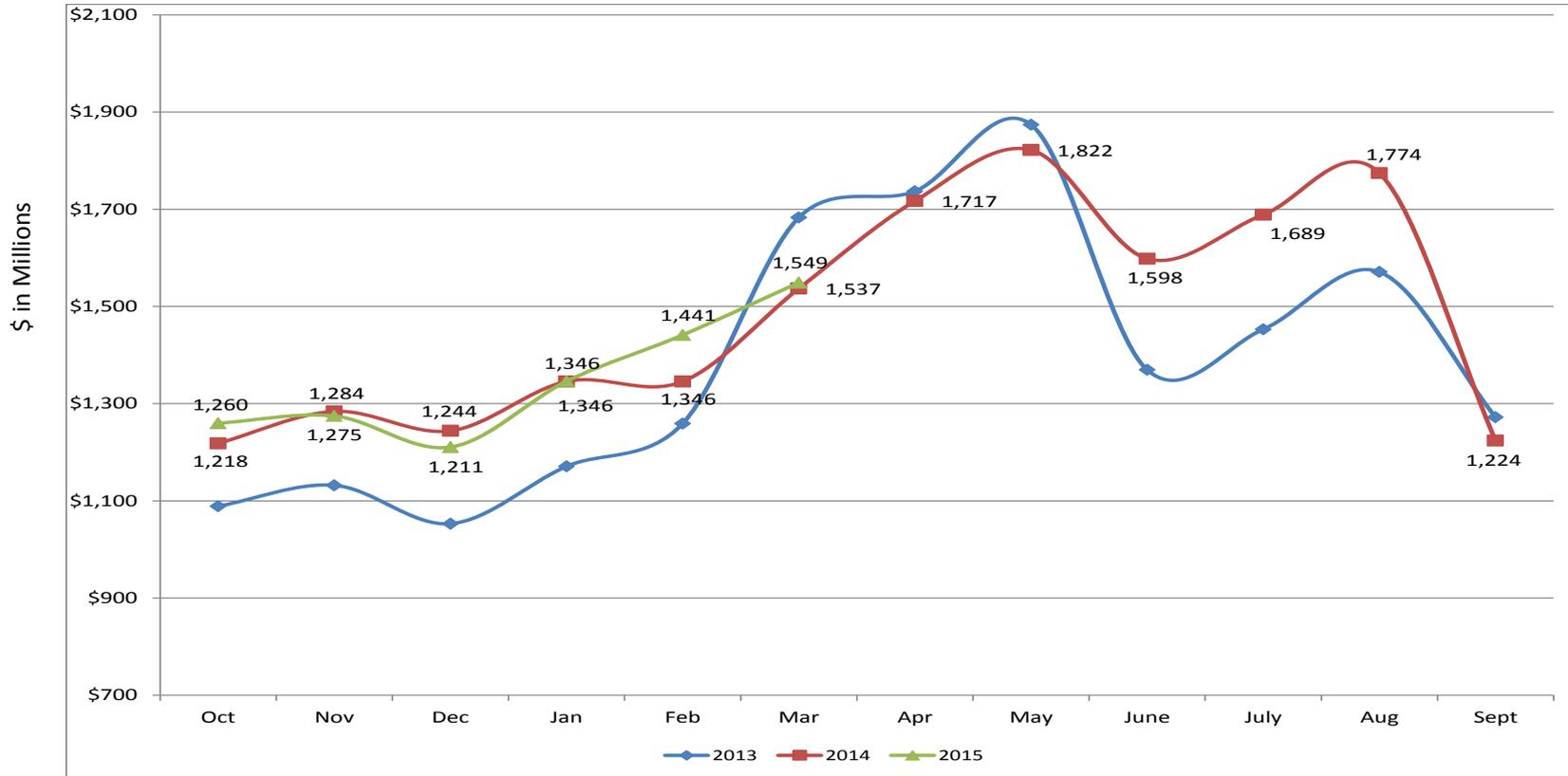
Preliminary/ Unaudited

% of Year Elapsed = 50%

	A		B		C		D	
	FY 2015				FY 2015		FY 2015	
	Rate Case	SOY Budget	Actuals	Actuals	per Rate Case	Actuals	per Rate Case	
Operating Revenues								
Gross Sales (excluding bookout adjustment)								
PF Tier 1 Revenues								
Load Following								
1	Composite	\$ 1,079,318	\$ 1,078,929	\$ 539,054	50%			
2	Non-Slice	(165,976)	(165,916)	(82,900)	50%			
3	Load Shaping	6,388	6,387	(15,646)	-345%			
4	Demand	43,388	43,388	30,893	71%			
5	Discounts / Fees	(45,674)	(44,361)	(15,203)	33%			
6	RSS / RSC	685	677	437	64%			
7	REP Refund	(33,152)	(33,152)	(16,576)	50%			
8	Sub-Total: Load Following	884,977	885,952	440,059	50%			
Block								
9	Composite	612,751	594,976	297,337	49%			
10	Non-Slice	(94,228)	(91,495)	(45,724)	49%			
11	Load Shaping	16,403	16,222	39,305	240%			
12	Discounts / Fees	(4,837)	(4,837)	()	0%			
13	REP Refund	(21,493)	(21,493)	(10,747)	50%			
14	Sub-Total: Block	508,596	493,373	280,171	55%			
Slice								
15	Composite	626,613	626,613	313,308	50%			
16	Discounts / Fees	(4,667)	(4,717)	(1,594)	34%			
17	REP Refund	(21,892)	(21,892)	(10,946)	50%			
18	Sub-Total: Slice	600,055	600,004	300,768	50%			
19	PF Tier 2 Revenues	25,768	25,580	12,857	50%			
20	NR Revenues	-	-	(897)	0%			
21	IP Revenues	106,510	106,580	58,524	55%			
22	FPS Revenues	343,509	294,612	217,282	63%			
23	Other Revenues	30,972	5,009	28,539	92%			
24	Gross Sales (excluding bookout adjustment)	2,500,387	2,411,110	1,337,304	53%			
25	Bookout Adjustment to Sales	-	-	(10,137)	0%			
26	Miscellaneous Revenues	29,953	31,394	14,880	50%			
27	Inter-Business Unit	112,910	134,767	64,320	57%			
28	U.S. Treasury Credits	97,596	99,826	41,306	42%			
29	Total Operating Revenues	2,740,845	2,677,096	1,447,673	53%			

Financial Reserves

Reserves as of the end of March 2015 are \$1,549 million



Q1 - End of FY15 Reserves Forecast

(\$ Millions)	Split		
	Power	Trans	Total
End FY15 Reserves Forecast	587	570	1,157
Less: End of FY15 Reserves Not for Risk	173	107	280
Reserves Available for Risk Forecast	414	463	877

Q2 - End of FY15 Reserves Forecast

(\$ Millions)	Split		
	Power	Trans	Total
End FY15 Reserves Forecast	532	560	1,091
Less: End of FY15 Reserves Not for Risk	94	100	194
Reserves Available for Risk Forecast	438	460	898

Slice Reporting Composite Cost Pool Review Forecast of Annual Slice True-Up Adjustment

Sunny Donato
Public Utilities Specialist

Janice Johnson
Accountant

Q2 Forecast of FY 2015 Slice True-Up Adjustment

	FY 2015 Forecast \$ in thousands
February 3, 2015 First Quarter Business Review	(\$25,888)
May 5, 2015 Second Quarter Business Review	(\$26,821)
Aug 4, 2015 Third Quarter Business Review	
November 3, 2015 Fourth Quarter Business Review	
Actual Slice True-Up Adjustment Charge/Credit (negative amount = credit on bill)	

Summary of Differences From Q2 Forecast to FY 2015 (BP-14)

#		Composite Cost Pool True- Up Table Reference	Q2 – FY 15 \$ in thousands
1	Total Expenses	Row 109	(\$331,394)
2	Total Revenue Credits	Rows 128 + 137	(\$7,323)
3	Minimum Required Net Revenue	Row 149	\$224,840
4	TOTAL Composite Cost Pool (1 - 2 + 3) (\$331,394K) – \$7,323K + \$224,840K = (\$99,231K)	Row 151	(\$99,231)
5	TOTAL in line 4 divided by <u>0.9851395</u> sum of TOCAs (\$99,231K) / (<u>0.9851395</u>) = (\$100,728K)	Row 156	(\$100,728)
6	Q1 Forecast of FY 15 True-up Adjustment 26.62752 percent of Total in line 5 0.2662752 * (\$100,728K) = (\$26,821K)	Row 157	(\$26,821)

Lower Level Differences From Q2 Forecast to FY 2015 (BP-14)

#	Line Item of Values Changed Over \$9.5 M	Composite Cost Pool True-Up Table Reference	Q2 – FY 2015 Rate Case (\$ in thousands)
1	Principal Payment of Fed Debt for Power	ROW 140	\$ 229,310
2	Generation Inputs for Ancillary, Control Area, and Other Services Revenues	ROW 112	\$ 19,998
3	BUREAU OF RECLAMATION	ROW 5	\$ 9,500
4	WNP-1 DEBT SVC	ROW 88	\$ (143,496)
5	WNP-3 DEBT SVC	ROW 89	\$ (106,908)
6	Net Interest Expense	ROW 105	\$ (37,828)
7	Other Power Purchases (omit, except Designated Obligations or Purchase)	ROW 20	\$ (24,127)
8	4(h)(10)(c) credit	ROW 114	\$ (19,229)

Composite Cost Pool Interest Credit

Allocation of Interest Earned on the Bonneville Fund		
(\$ in thousands)		
		<u>Q2 2015</u>
1	Fiscal Year Reserves Balance	570,255
2	Adjustments for pre-2002 Items	-
3	Reserves for Composite Cost Pool (Line 1 + Line 2)	570,255
4	Composite Interest Rate	1.15%
5	Composite Interest Credit	(6,581)
6	Prepay Offset Credit	(1,624)
7	Total Interest Credit for Power Services	(7,498)
8	Non-Slice Interest Credit (Line 7 - (Line 5+6))	707

Net Interest Expense in Slice True-Up Forecast

	<i>\$ in thousands</i>	<i>\$ in thousands</i>
	<u>2014 Rate Case</u>	<u>Q2 Forecast</u>
▪ Federal Appropriation	\$220,657	\$202,150
▪ Capitalization Adjustment	(\$45,937)	(\$45,938)
▪ Borrowings from US Treasury	\$ 73,235	\$ 47,991
▪ <u>Prepay Interest Expense</u>	<u>\$ 14,041</u>	<u>\$ 14,041</u>
▪ Interest Expense	\$261,996	\$218,244
▪ AFUDC	(\$11,175)	(\$11,000)
▪ Interest Income (composite)	(\$11,918)	(\$ 6,581)
▪ <u>Prepay Offset Credit</u>	<u>(\$ 2,035)</u>	<u>(\$ 1,624)</u>
▪ Total Net Interest Expense	\$236,867	\$199,039

FY 2015 Second Quarter Capital Financial Results & Second Quarter Forecast

Report ID: 0027FY15

Requesting BL: CORPORATE BUSINESS UNIT

Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures

FYTD Through the Month Ended March 31, 2015

Preliminary Unaudited

Run Date/Run Time: April 22, 2015/ 05:17

Data Source: EPM Data Warehouse

% of Year Elapsed = 50%

		A	B	C	D	E
		FY 2015		FY 2015	FY 2015	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit						
1	MAIN GRID	\$ 125,994	\$ 147,251	\$ 74,289	59%	50%
2	AREA & CUSTOMER SERVICE	17,157	11,324	3,389	20%	30%
3	SYSTEM REPLACEMENTS	232,234	242,628	96,011	41%	40%
4	UPGRADES & ADDITIONS	304,352	319,696	198,117	65%	62%
5	ENVIRONMENT CAPITAL	7,114	6,842	3,064	43%	45%
PFIA						
6	MISC. PFIA PROJECTS	5,942	61	(374)	-6%	-618%
7	GENERATOR INTERCONNECTION	12,814	952	1,128	9%	118%
8	SPECTRUM RELOCATION	-	121	61	0%	50%
9	CAPITAL INDIRECT	-	-	(440)	0%	0%
10	TOTAL Transmission Business Unit	705,607	728,874	375,243	53%	51%
Power Business Unit						
11	BUREAU OF RECLAMATION <Note 1	46,806	35,400	15,402	33%	44%
12	CORPS OF ENGINEERS <Note 1	159,043	137,000	53,946	34%	39%
13	GENERATION CONSERVATION <Note 2	89,313	83,028	33,641	38%	41%
14	POWER INFORMATION TECHNOLOGY	7,026	3,256	3,346	48%	103%
15	FISH & WILDLIFE <Note 2	51,807	32,000	11,619	22%	36%
16	TOTAL Power Business Unit	353,995	290,684	117,955	33%	41%
Corporate Business Unit						
17	CORPORATE BUSINESS UNIT	23,871	31,807	10,815	45%	34%
18	TOTAL Corporate Business Unit	23,871	31,807	10,815	45%	34%
19	TOTAL BPA Capital Expenditures	\$ 1,083,472	\$ 1,051,365	\$ 504,013	47%	48%

< 1 Excludes projects funded by federal appropriations.

< 2 Amounts are reported as regulatory assets and not utility plant

Report ID: 0027FY15 Requesting BL: CORPORATE BUSINESS UNIT Unit of Measure: \$Thousands	QBR Forecast Analysis: BPA Capital Expenditures FYTD Through the Month Ended March 31, 2015 Preliminary Unaudited	Run Date/Run Time: April 22, 2015 05:17 Data Source: EPM Data Warehouse % of Year Elapsed = 50%
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		A	B	C
		FY 2015		FY 2015
		1st Quarter Forecast	Current EOY Forecast	Current EOY Forecast - 1st Quarter Forecast
Transmission Business Unit				
1	MAIN GRID	\$ 120,176	\$ 147,251	\$ 27,075
2	AREA & CUSTOMER SERVICE	18,337	11,324	(7,013)
3	SYSTEM REPLACEMENTS	241,923	242,628	705
4	UPGRADES & ADDITIONS	295,385	319,696	24,311
5	ENVIRONMENT CAPITAL	6,649	6,842	193
	PFIA	-	-	-
6	MISC. PFIA PROJECTS	5,955	61	(5,895)
7	GENERATOR INTERCONNECTION	12,462	952	(11,510)
8	SPECTRUM RELOCATION	-	121	121
9	CAPITAL INDIRECT	-	-	-
10	TOTAL Transmission Business Unit	700,887	728,874	27,987
Power Business Unit				
11	BUREAU OF RECLAMATION	46,806	35,400	(11,406)
12	CORPS OF ENGINEERS	159,043	137,000	(22,043)
13	GENERATION CONSERVATION	89,313	83,028	(6,285)
14	POWER INFORMATION TECHNOLOGY	7,026	3,256	(3,770)
15	FISH & WILDLIFE	40,000	32,000	(8,000)
16	TOTAL Power Business Unit	342,188	290,684	(51,504)
Corporate Business Unit				
17	CORPORATE BUSINESS UNIT	20,387	31,807	11,420
18	TOTAL Corporate Business Unit	20,387	31,807	11,420
19	TOTAL BPA Capital Expenditures	\$ 1,063,462	\$ 1,051,365	\$ (12,096)

Capital Project Status Report

Dennis Naef
Asset Strategist

Major Capital Projects ¹ - End-of-Project Target Performance						Q1 2015	
Project	Description	Direct Capital \$M ²			In-Service Date		
		Target	Forecast	Actual ³	Target	Forecast	
Transmission							
Spacer Damper Replacement Program (FY08-12)	Replace all spring type double and triple bundle spacer-dampers on the 500 kV system.	\$ 65.2	\$ 46.6	\$ 46.2	9/30/2012 for 95% completion	8/28/15	
Sustain Steel Program Defective Damper Replacements	Replace approximately 1,700 mile of defective PPI spacer dampers.	\$ 34.4	\$ 31.0	\$ 27.6	9/30/14	9/30/16	
500 kV Spare Transformer Project	Acquire 5 spares and relocate 2 existing transformers to be used as spares. The spares will be placed strategically across the system.	\$ 41.0	\$ 48.7	\$ 48.1	12/31/13	4/29/16	
Fleet Mobile Equipment Replacement FY14-16	Heavy duty and specialized vehicle replacement program for FY14-16	\$ 16.4	\$ 16.4	\$ 0.9	9/30/16	9/30/16	
#KC SONET Phase II Spur Healing	Complete the digital microwave and radio conversion in Oregon.	\$ 18.0	\$ 13.1	\$ 12.7	12/31/15	12/29/17	
#NC Analog Microwave Replacement	Complete the digital microwave and radio conversion in NW Washington.	\$ 9.5	\$ 8.0	\$ 7.8	12/31/15	12/15/16	
Alvey Substation 500 kV Shunt Reactor	Add a 500 kV shunt reactor for voltage stabilization.	\$ 10.9	\$ 10.4	\$ 4.1	4/30/12	12/30/15	
NEPA - I-5 Corridor Reinforcement	Conduct NEPA study, preliminary engineering and design.	\$ 85.0	\$ 85.0	\$ 54.0	12/31/15	12/15/15	
Big Eddy - Knight (West of McNary Reinforcement Group 2)	New 500 kV substation and 28 miles of 500 kV transmission line.	\$ 180.0	\$ 189.0	\$ 162.3	11/30/14	11/18/16	
Synchrophasor Project	5-year effort to acquire, install, test, and implement synchronized Wide Area Measurement (WAM) and control technology at BPA.	\$ 32.5	\$ 31.6	\$ 30.3	9/30/15	9/30/15	
Wood Pole Line Sustain Program FY14 - FY15	Implement a stable, sustained wood pole replacement program. The four year plan includes cumulative cost and work plan completion targets.	\$77.9 to \$86.5 for FY14-15	\$ 96.3	\$ 46.1	Achieve 100% of workplan	Achieve 100% of workplan	
Steel Lines Sustain Program FY14 - FY15	Implement a stable, sustained steel line replacement program. The four year plan includes cumulative cost and work plan completion targets.	\$25.3 to \$28.1 for FY14-15	\$ 25.6	\$ 19.2	Achieve 100% of workplan	Achieve 100% of workplan	
System Protection and Control (SPC) Sustain Program FY14 - FY15	Implement a stable, sustained SPC replacement program. The four year plan includes cumulative cost and work plan completion targets.	\$40.0 to \$44.0 for FY14-15	\$ 50.1	\$ 35.3	Achieve 90% of workplan	Achieve 128% of workplan	
Ross - Schultz Fiber Replacement	Replace the obsolete and limited 36 strand fiber with standard 72 strand fiber.	\$ 34.0	\$ 30.5	\$ 5.3	9/15/17	11/20/17	
#DC Microwave Analog Spur Replacement	Complete the digital microwave and radio conversion in Northeast Washington.	\$ 39.5	\$ 34.2	\$ 30.1	8/30/17	7/3/17	
Central Ferry to Lower Monumental (Little Goose Area Reinforcement)	Construct a 38 mile 500 kV transmission line between Central Ferry and Lower Monumental substations.	\$ 115.0	\$ 113.0	\$ 75.0	12/31/15	12/31/15	
Rights-of-Way Access Roads and Land Rights Acquisition Program FY13 to FY15	Implement a stable, sustained ROW program. The three year plan includes cumulative cost and work plan completion targets.	\$63.9 to \$71.0 for FY13-15	\$ 86.5	\$ 46.8	Achieve 100% of workplan	76% of workplan	
P25 Two-Way Mobile Radio Upgrade	Replace and upgrade the mobile radio system to P25 technology.	\$ 64.5	\$ 64.0	\$ 3.8	9/30/17	9/30/17	

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Major Capital Projects ¹ - End-of-Project Target Performance						Q1 2015	
Project	Description	Direct Capital \$M ²			In-Service Date		
		Target	Forecast	Actual ³	Target	Forecast	
Transmission - continued							
Switchgear Replacement for Fault Duty FY12	Replace under-rated sw itchgear identified in annual screening process.	\$ 14.9	\$ 18.5	\$ 17.9	12/31/14	3/22/16	
Pacific DC Intertie Upgrade - Station Work	Modernize the Celilo converter terminal and upgrade capacity from 3100 MW to 3220 MW for north to south power flow w ith a future upgrade path to 3800 MW.	\$ 275.8	\$ 274.0	\$ 139.0	12/20/15	12/20/15	
Pacific DC Intertie Upgrade - Line Work		\$ 40.0	\$ 78.4	\$ 38.8	10/31/17	10/31/17	
Puget Sound Area Northern Intertie (PSANI) Memorandum of Agreement	Install a 500/230 kV transformer bank addition at Raver Substation.	\$ 56.4	\$ 56.4	\$ 4.5	9/30/16	9/30/16	
Horse Butte Wind Interconnection	Interconnect UAMPS wind project.	\$ 10.2	\$ 8.2	\$ 8.2	11/30/12	12/15/14	
MT to WA Transmission System Upgrade - NEPA	NEPA and preliminary engineering and design for the former CUP West project.	\$ 7.2	\$ 5.0	\$ 1.3	3/31/15	12/30/16	
Lower Valley NEPA (Hooper Springs)	NEPA and preliminary engineering and design work for the Lower Valley Area Reinforcement project.	\$ 19.1	\$ 20.9	\$ 20.5	11/1/13	3/30/15	
AC Substations Sustain Program FY13-15	Implement a stable AC substation equipment replacement program. The 3 year plan includes cumulative cost and scope/schedule targets.	Up to \$51.0 for FY13-15	\$ 78.2	\$ 35.2	Deliver 100% of workplan	Deliver 100% of workplan	
PSC/Telecom Sustain Program FY13-15	Implement a stable PSC/Telecom equipment replacement program. The 3 year plan includes cumulative cost and scope/schedule targets.	Up to \$43.8 for FY13-15	\$ 37.2	\$ 24.1	Deliver 100% of workplan	Deliver 78% of workplan	
#JC Microwave Upgrade	Complete the digital conversion for the upper part of the #JC communications ring.	\$ 13.5	\$ 8.3	\$ 2.6	9/1/18	9/1/18	
Operational Multi-Gigabit Ethernet Transport (OMET)	Communications upgrade and replacement to ensure adequate capacity and compatibility for emerging requirements.	\$ 43.5	\$ 43.5	\$ 8.6	3/30/17	3/30/17	
McNary Substation - Additional 500 kV Transformer	Install an additional transformer bank to handle increased loading.	\$ 20.2	\$ 19.1	\$ 0.4	5/30/17	12/29/17	
Umatilla Electric Cooperative (UEC) Line and Load Requests	Construct Longhorn Substation Annex and add three bays at McNary Substation.	\$ 65.0	\$ 65.0	\$ 20.7	7/30/16	12/31/15	
Paul Substation Shunt Reactor Addition	Install an additional reactor in the Portland area for voltage control.	\$ 9.5	\$ 9.5	\$ 1.8	4/30/16	4/16/16	
Raver Substation - Replace Reactor	Replace the failed 180 MVAR reactor with a 300 MVAR unit.	\$ 7.2	\$ 6.0	\$ 1.1	6/30/15	9/30/15	
Control House Upgrades	Expand or replace ten substation control houses to replacing failing or inadequate units.	\$ 13.3	\$ 13.3	\$ 0.7	6/15/16	9/14/16	
Spare Transformers for Hub Wind Sites	Add a spare 500/230 kV single phase transformer at John Day, Rock Creek, Slatt and Central Ferry substations.	\$ 18.6	\$ 18.6	\$ 0.7	10/15/18	10/15/18	
Grand Coulee and Hungry Horse SCADA Replacement	Replace SCADA systems at Grand Coulee and Hungry Horse.	\$ 46.8	\$ 76.3	\$ 43.4	9/30/15	9/30/20	

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Major Capital Projects ¹ - End-of-Project Target Performance					Q1 2015	
Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Federal Hydro						
Grand Coulee Left Powerhouse Transformer Replacement	Replace transformer banks K1, K5, K7, K8 and purchase one spare transformer bank.	\$ 15.7	\$ 15.7	\$ 15.6	10/31/14	10/19/14
Grand Coulee 500kV Switchyard Relay Replacement	Replace relays and transfer trip between the TPP and 500kV switchyard and between the 230kV and 500kV switchyards.	\$ 7.6	\$ 9.6	\$ 7.7	9/30/14	4/5/15
Grand Coulee Pre Overhaul - Winding Replacement G19, G20	Replace the stator core and windings on units G19 and G20.	N/A ⁴	N/A ⁴	\$ 1.5	5/31/13	4/29/18
Grand Coulee Stator Windings, Cores and Spare G1-G18	Replace 14 stator cores and windings. G4,5,7,9 were previously replaced.	N/A ⁴	N/A ⁴	\$ -	12/2/23	12/2/23
Grand Coulee Exciter Replacements G1-G18	Replace the excitation equipment for all 18 units.	N/A ⁴	N/A ⁴	\$ -	12/2/23	12/3/23
Grand Coulee Governor Replacements G1-G18	Replace the governors and related equipment for all 18 units.	N/A ⁴	N/A ⁴	\$ -	12/2/23	12/3/23
Grand Coulee Transformer Replacements G11-G18	Replace 24 single-phase transformers in the Right Powerhouse.	N/A ⁴	N/A ⁴	\$ 0.1	10/31/18	10/31/18
Grand Coulee - Keys Pump Generating Station - Reliability	Replacements and upgrades to maintain current station capability.	N/A ⁴	N/A ⁴	\$ -	9/30/24	9/30/24
Grand Coulee G22 - G23 Wicket Gate Replacements	Replace the deteriorating wicket gates.	N/A ⁴	N/A ⁴	\$ 1.1	11/1/18	11/1/18
Chief Joseph Turbine Runner Replacements Units 1 - 16	Replace the turbine runners and rehabilitate the turbines on units 1 - 16.	\$ 166.0	\$ 166.0	\$ 118.1	9/30/17	9/30/17
Chief Joseph Exciter Replacement	Replace excitation units (17 to 27) that have reached the end of their useful lives.	\$ 9.2	\$ 9.2	\$ 8.5	12/30/15	3/2/15
Chief Joseph Governor Replacement	Upgrade the 27 governors with digital controls and replace associated equipment.	\$ 10.7	\$ 10.7	\$ 3.4	8/19/17	9/30/17
McNary Main Unit 1-4, 7-12 Stator Winding Replacement	Replace stator windings that are over 50 years old.	\$ 80.0	\$ 80.0	\$ 71.1	12/31/14	8/1/15
McNary Governor Replacement	Upgrade the 14 governors in the McNary powerhouse with digital controls.	N/A ⁴	N/A ⁴	\$ 1.5	1/29/18	1/29/18
McNary 4160/480V Station Service Upgrade	Replace and upgrade the station service distribution system.	\$ 36.0	\$ 45.0	\$ 4.3	12/3/18	12/3/18
Bonneville Powerhouse 1 Main Unit Breakers and Station Service	Replace oil-filled original equipment breakers and reconfigure and modernize the station service.	N/A ⁴	N/A ⁴	\$ 0.3	4/20/18	3/20/18
John Day Governor Upgrade	Upgrade of the governors with digital controls and replacement of associated components.	N/A ⁴	N/A ⁴	\$ 3.5	10/26/16	10/26/16
John Day Turbine Hub Upgrades	Rebuild and upgrade up to five turbine runner hubs. Four additional hubs may be rebuilt under a future amendment to this project.	\$ 39.3	\$ 39.3	\$ 0.6	12/31/18	12/31/18
Ice Harbor Turbine Runner Replacement	Replace poor condition turbine runners in units 1, 2 & 3 with a more fish-friendly design.	\$ 97.0	\$ 97.0	\$ 11.8	10/1/18	10/1/18

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Major Capital Projects¹ - End-of-Project Target Performance Q1 2015

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Federal Hydro - continued						
Lower Monumental U1 Linkage Refurbishment	Refurbish turbine linkage and rew ind generator.	N/A ⁴	N/A ⁴	\$ 1.2	3/1/16	3/1/16
Hungry Horse Station Service Replacement	Replace station service switchgear distribution board/feeder cables and upgrade relay protection/metering.	N/A ⁴	N/A ⁴	\$ 5.7	1/31/15	9/30/16
Hills Creek Powerhouse Turbine and Unit Rehabilitation	Replace turbine runners and generator windings on units 1 and 2 at Hills Creek.	\$ 24.1	\$ 24.1	\$ 14.9	8/12/14	4/4/16
Black Canyon Third Generating Unit	Add a third generating unit at Black Canyon. The capacity of the unit will be between 10 and 15 MW.	N/A ⁴	N/A ⁴	\$ 7.1	12/31/14	12/31/18
Palisades Turbine Rehabilitation and Runner Replacement	Replace the turbine runners and rehabilitate the turbines on the four Palisades units.	\$ 28.8	\$ 30.3	\$ 22.6	5/31/16	11/30/16

IT						
IT Virtualization and Consolidation Project (IVC)	Replace and modernize server infrastructure for non-critical business systems.	\$ 21.8	\$ 24.4	\$ 22.0	9/30/14	9/30/15
Columbia Vista Short Term Replacement (CV-STR)	Replace the current hydro modeling functionality and associated database tool.	\$ 7.1	\$ 7.5	\$ 3.8	9/25/15	9/25/15

Facilities						
Eastside Alternate Operating Facility	Spokane-area facility for redundant transmission and power scheduling functions and alarm monitoring.	\$ 17.5	\$ 22.7	\$ 21.8	9/30/14	5/29/15
Tri Cities Maintenance Headquarters and Franklin Yard	Construct Tri-Cities maintenance HQ, heat line for spare transformers and a spare parts yard at Franklin.	\$ 14.2	\$ 15.5	\$ 13.3	12/31/13	9/30/15
Ross Maintenance Headquarters	Construct a maintenance HQ office building, high-bay structure and lay-down storage area on the Ross complex.	\$ 15.5	\$ 15.5	\$ 0.5	8/1/17	8/1/17

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Re-balancing BPA's Investment Portfolio Prioritization Cycle 4

Mike DeWolf
Asset Manager

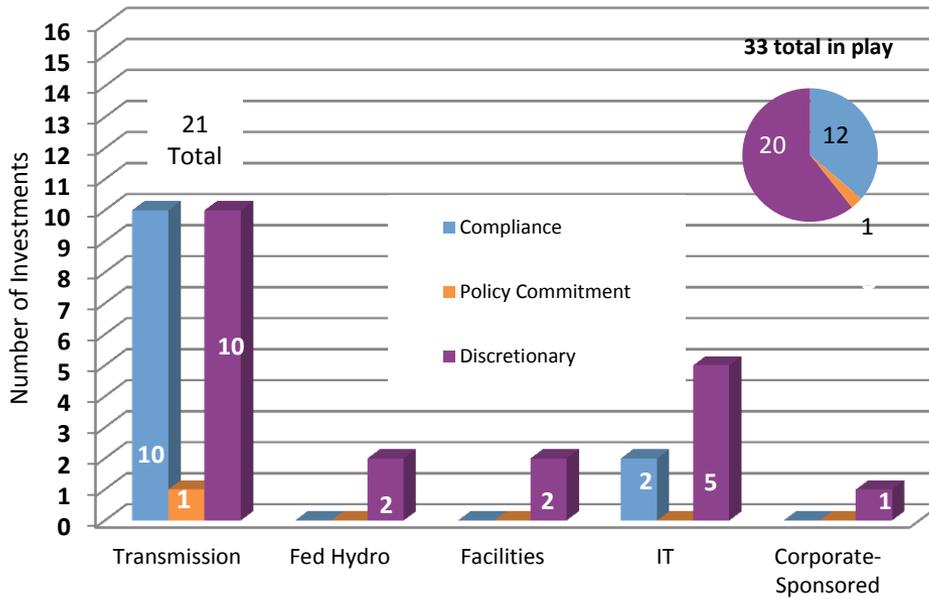
Jim Hallar
Supervisory Asset Management Specialist

Doug Ballou
Asset Strategist

Investments in play

Prioritization Cycle 4

“Investments in play” Includes expansion-type investments >\$3m that have been nominated as new starts during the 3-year prioritization window



Prioritization window

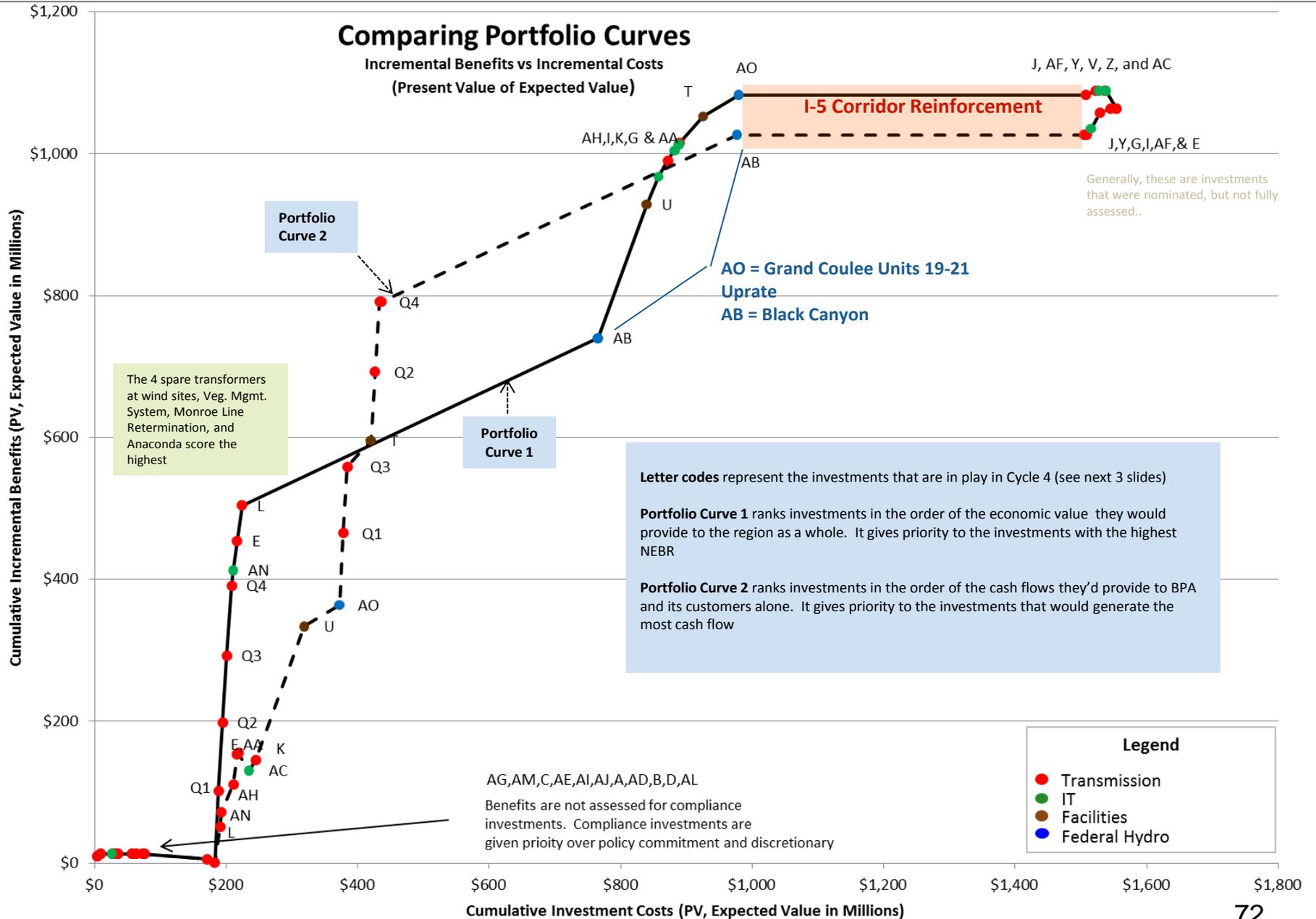
In Cycles 1-3, the prioritization window was FYs 2015-2017.
In Cycles 4 and 5, the window is FY 2016-2018.

“Prioritization window” refers to the period during which new expansion projects would start; business units were asked to nominate all expansion investments that would start during the window and that carry an investment cost of \$3 million or more.

	Cycle 3	Cycle 4
Total nominated investments		
New	13	18
Brought forward from previous cycle	39	37
	52	55
New assessments completed	6	19
Investments in play		
Green-lit	18	18
Not green-lit	13	15
	31	33
Investment costs for investments in play (\$M)		
Green-lit	301.6	342.3
Not green-lit	1,145.0	833.1
	1,446.6	1,175.4
Deferrals, cancellations, or classifications	19	22

Comparing Portfolio Curves

Incremental Benefits vs Incremental Costs
(Present Value of Expected Value)



This information has been made publicly available by BPA on May 1, 2015 and does not contain BPA-approved Financial Information.

Cycle 4 Investments in Play (Slide 1 of 3)

Analytical results and rankings

<input checked="" type="checkbox"/> = Investment in play Green shading = investments selected for the portfolio				Cycles 1/2	Cycle 3	Cycle 4 (April 2015)					
				CIR	Oct 2014		Order on funding curve		Present values		\$000
Investment	Code	Asset Category	Classification	In Play Cycles 1/2	In Play Cycle 3	In Play Cycle 4	Portfolio Curve 1	Portfolio Curve 2	NEBR	Net BPA Cashflow Ratio	Investment Costs* (Base)
Control Center CIPv5 Program	AD	TX	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	8,672
DeMoss-Fossil Shunt Reactive Project	B	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	1	n/a	n/a	2,507
Fault Duty Program - FY 2016	C	TX	Compliance		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	1	n/a	n/a	16,183
Gold Hills Interconnection -G0099	AE	TX	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	4,836
Information Governance/eDiscovery	AL	IT	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	10,519
Invenergy (Horne Butte) Willow Creek Phase 1 -G0255	AG	TX	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	3,819
Lower Valley Upgrade	D	TX	Compliance		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	1	n/a	n/a	97,020
PGE's Blue Lake - Troutdale #2 Line L0365	AI	TX	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	4,960
PISCES Web	AM	IT	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	5,170
PMUs FY 2015-2017 (Phasor Measurement Units)	A	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	1	n/a	n/a	6,684
Reactor Program	AJ	TX	Compliance			<input checked="" type="checkbox"/>	1	1	n/a	n/a	19,609
Anaconda_Dixon_Silver Bow Transformer/Area Improvements	E	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	5	7.0	1.4	5,271
O&M Flex Project - Carlton Substation Sectionalization	G	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	20	0.4	-0.8	6,077

Cycle 4 Investments in Play (Slide 2 of 3)

Analytical results and rankings

<input checked="" type="checkbox"/> = Investment in play Green shading = investments selected for the portfolio				Cycles 1/2	Cycle 3	Cycle 4 (April 2015)					
				CIR	Oct 2014		Order on funding curve		Present values		\$000
Investment	Code	Asset Category	Classification	In Play Cycles 1/2	In Play Cycle 3	In Play Cycle 4	Portfolio Curve 1	Portfolio Curve 2	NEBR	Net BPA Cashflow Ratio	Investment Costs* (Base)
DATS System Replacement	H	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					13,625
Hot Springs to Garrison Fiber Optic Cable Upgrade	I	TX	Discretionary		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	21	0.9	-0.8	14,164
Hungry Horse Fiber Upgrade	AF	TX	Discretionary			<input checked="" type="checkbox"/>	19	22	-0.6	-0.9	13,318
I-5 Corridor	J	TX	Policy Commitment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	19	n/a	n/a	574,509
Kalispell to Kerr to Hotsprings Fiber Optic Cable Installation	K	TX	Discretionary		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	8	0.5	0.5	9,970
Lower Monumental Powerhouse 2nd 500kV Gen Tie-L0368	AH	TX	Policy Commitment			<input checked="" type="checkbox"/>	11	4	1.4	1.4	17,236
Monroe 500kV Line Retermination	L	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	2	5.6	5.3	8,406
Northern Intertie Separation RAS	M	TX	Policy Commitment		<input checked="" type="checkbox"/>						2,000
Ross Station Service (SS) Upgrade	N	TX	Discretionary		<input checked="" type="checkbox"/>						8,750
Shultz to Monroe Fiber Upgrade	O	TX	Discretionary		<input checked="" type="checkbox"/>						25,100
Southern Idaho Communications Upgrade	P	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						4,375
Spare Transformers at Hub Wind Sites (4 projects)	Q1-Q4	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2-5	11-12, 14-15	13.2 to 16.4	(-0.09) to (-.26)	25,000
Walla Walla Reinforcement (Tucannon River-Hatwai 115 kV)	S	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						20,304

Cycle 4 Investments in Play (Slide 3 of 3)

Analytical results and rankings

<input checked="" type="checkbox"/> = Investment in play Green shading = investments selected for the portfolio				Cycles 1/2	Cycle 3	Cycle 4 (April 2015)					
				CIR	Oct 2014		Order on funding curve		Present values		\$000
Investment	Code	Asset Category	Classification	In Play Cycles 1/2	In Play Cycle 3	In Play Cycle 4	Portfolio Curve 1	Portfolio Curve 2	NEBR	Net BPA Cashflow Ratio	Investment Costs* (Base)
Ross Complex HMEM Garage	T	FAC	Discretionary		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	13	0.1	-0.2	36,163
Ross Complex Infill Office	U	FAC	Discretionary		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	9	1.8	0.5	73,106
Billing Information System	V	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	23	-1.0	-1.0	9,002
Capability Upgrades for Planning and Operations in Power Services (CUPO)	W	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						20,004
Structured Data Management (SDM)	X	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						3,500
IT Service Management (CMDB, AIM, ETS)	Y	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	18	-1.0	-0.8	3,626
IT Service Management (CMS)	Z	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	16	-1.0	-0.4	1,803
IT Service Management (CRM)	AA	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	6	0.3	0.8	1,644
Vegetation Management System (VMS)	AN	IT	Discretionary			<input checked="" type="checkbox"/>	6	3	8.0	5.0	2,357
Grand Coulee Units 19-21 Uprate	AB	FH	Discretionary		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	17	1.9	-0.5	126,600
Black Canyon Unit 3	AO	FH	Discretionary			<input checked="" type="checkbox"/>	17	10	-0.4	-0.1	52,360
NWPP SCED Initiative - BPA Technology Enhancements	AC	Corp	Discretionary			<input checked="" type="checkbox"/>	23	23	n/a	n/a	14,789

Investments that were Cancelled, Deferred, or Reclassified during Cycle 4

Investment	Asset Category	Classification	Investment cost	Start Date	Remarks
BP Alternative Energy's Golden Hills 2 Wind_G0235	Transmission	Compliance	57,500	10/1/2018	Delayed beyond current 3-year prioritization window. Uncertain whether and when the customer will complete action for the project to proceed
DATS System Replacement	Transmission	Discretionary	13,625	10/3/2016	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
enXco's Desert Claim Wind Project_G0105	Transmission	Compliance	11,250	10/1/2018	Delayed beyond current 3-year prioritization window. Uncertain whether and when the customer will complete action for the project ot proceed
Grand Ronde Wind Interconnection_G0438	Transmission	Compliance	12,000	10/1/2014	Remove from consideration. Wind generation project cancelled
Iberdrola Renewables Inc Bakeoven 1 Wind_G0367	Transmission	Compliance	10,500	1/1/2019	Delayed beyond current 3-year prioritization window. Uncertain whether and when the customer will complete action for the project to proceed
La Pine O&M Flex	Transmission	Discretionary	4,000	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Lost River O&M Flex	Transmission	Discretionary	4,000	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Monroe 500kV Reactor (TS0140209)	Transmission	Policy Commitment	10,015	10/1/2014	Rolled into separate investment nomination - Reactor Program
Northern Intertie Separation RAS	Transmission	Policy Commitment	3,125	10/1/2014	Below \$3M threshold
RAS Phase II-Managing RAS Complexity	Transmission	Discretionary			Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Shultz to Monroe Fiber Upgrade	Transmission	Discretionary	25,100	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Silver Creek Substation Reinforcement	Transmission	Discretionary	3,000	10/1/2019	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Southern Idaho Communications Upgrade	Transmission	Discretionary	4,375	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle

Investments that were Cancelled, Deferred, or Reclassified during Cycle 4

Investment	Asset Category	Classification	Investment cost	Start Date	Remarks
Southern Idaho Communications Upgrade	Transmission	Discretionary	4,375	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Swaggert Wind Development_G0389 & G0390	Transmission	Compliance	40,000	10/1/2018	Delayed beyond current 3-year prioritization window. Uncertain whether and when the customer will complete action for the project to proceed
Toledo O&M Flex	Transmission	Discretionary	5,000	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Troutdale 230kV Series Bus Sectionalizing Bkr	Transmission	Discretionary	3,000	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Troy Substation Expansion	Transmission	Discretionary	5,500	10/1/2018	Deferred to outside current 3-year prioritization window, to be assessed in a future cycle
Walla Walla Reinforcement (TS0140086)	Transmission	Discretionary	20,304	10/1/2019	Previously green-lit. Now deferred to outside the the current window. A stage-gate business case has been funded to better scope the project. Subject to the results of the scoping, a new nomination will be re-submitted in a later cycle.
MHQ The Dalles	Facilities	Sustain	32,000	3/1/2017	Reclassified as Sustain
MHQ Lewiston	Facilities	Discretionary	15,000	3/1/2020	Not re-assessed in Cycle 4. The investments are now rescheduled to start after the current 3-year prioritization window. To be re-nominated and re-assessed in a future cycle as alternative approaches to meeting business needs are considered.
MHQ Redmond	Facilities	Discretionary	18,000	4/1/2019	Not re-assessed for Cycle 4. The investments are now rescheduled to start after the current 3-year prioritization window. To be re-nominated and re-assessed in a future cycle as alternative approaches to meeting business needs are considered.
MHQ Snohomish	Facilities	Discretionary	17,000	4/1/2018	Not re-assessed for Cycle 4. The investments are now rescheduled to start after the current 3-year prioritization window. To be re-nominated and re-assessed in a future cycle as alternative approaches to meeting business needs are considered.
Capability Upgrades for Planning and Operations in Power Services (CUPO)	IT	Discretionary	20,004	9/30/2019	This investment is subsumed/rolled into the Corporate-sponsored investment, SCED - BPA Technology Enhancements investment. The CUPO was intended to serve much the same purpose as the SCED technology project, per S. Kerns.
		23 investments	334,298		

What are the ingredients of NEBR and the Net BPA Cash Flow metrics?

$$\text{Net Economic Benefit Ratio} = \frac{\text{PV Economic Benefits} - \text{PV Project Investment} - \text{PV Post-Project Costs}}{\text{PV Project Investment}}$$

“Bang for the buck” ratio

“PV Economic Benefits” includes the present value of (examples):

- Avoided congestion costs (avoided fuel and other production costs that are enabled by adding capacity on constrained transmission paths)
- Avoided power purchase costs or increased power sales
- Incremental revenue (i.e., revenue beyond that needed to recover project investment and post project costs)
- Labor cost savings through process efficiencies
- Avoided customer value losses from outages
- Avoided CO2 or other environmental costs (monetized)

“PV Project Investment” includes the present value of:

- Upfront project costs (project planning, environmental review (NEPA), land/land rights acquisition, procurement, construction/installation)

“PV Post-Project Costs” includes the present value of:

- Maintenance and operations costs that would be incurred to sustain the asset after it is in service, e.g., maintenance, repairs, component replacements, monitoring, licensing (IT), other support

The Net BPA Cash Flow metric is constructed in the same way, but it only counts the costs and benefits that would impact BPA cash

Tucannon River Wind Line

Amit Sinha
Supervisory Electrical Engineer

Tucannon River Wind Farm Intercon Project (G0286)

- Purpose – Interconnect PGE’s Mullan Substation Wind Farm to BPA Grid at Central Ferry Substation
- Total Generation Plant capacity – 267 MW
- Starting date of Project – May 2013
- Project Synchronized - December 2014
- BPA Released for Operation – April 2015
- Total Project Cost as of 3/15 (total of Network add + Collector station) - \$5.03M (includes OH cost)



Tucannon River Wind Farm Intercon Project (G0286)

- Benefits of the Project –
 - Investment by BPA and PGE helped local Southeastern Washington economy
 - BPA enabled PGE to bring renewal energy to Northwest region worth 267MW, and helped PGE meet their business target.
- Highlights of this project-
 - Expeditious completion of project both at BPA and PGE end enabled PGE to start marketing renewal energy in record time of 12 months.
 - Expeditious completion also allowed PGE to limit construction cost.
 - Excellent collaborative effort between BPA and PGE underscored BPA's dedication to Customer Service as well as reinforced existing good mutual relationship.
 - Through proper project management and cost control methods, BPA completed the project close to agreed upon project cost, despite fast tracking the project.

Next Steps from IPR 2

Mary Hawken
Manager, Analysis and Requirements

Debt Service Reassignment (DSR) Update

Alex Lennox
Financial Analyst

Anita Mertsching
Financial Analyst

Quick High Level Refresher

- Power satisfied its obligation for EN debt service through revenue recovery, so Power rate payers are no longer responsible for EN bond extensions associated with Transmission.
- EN debt service reassigned to Transmission is being recovered fully through Transmission rates.
- The total payment obligation for Transmission due to DSR in a given year does not exactly match the actual debt service on the bonds – it was adjusted for timing differences, bond specifics, etc.
- Transmission's DSR repayment obligation was reshaped so that the total principal equals the total Federal principal retired through the advanced Federal payment.
- For more detail and illustration please see BPA's QBR presentation from last Feb. 2014 located at:
<http://www.bpa.gov/Finance/FinancialInformation/FinancialOverview/Pages/fy2014.aspx>

Effect on BPA Financial Statements

- Beginning in Fiscal Year 2003, BPA adopted Modified Net Revenue (MNR) as a Key Agency Target to eliminate the effects of the DO Program (including DSR) on performance measure net revenue.
- The DO Program resulted in higher FCRPS net revenue from the reduction in Non-Federal debt service, an operating expense, but did not increase cash flow because proceeds were used to repay Federal debt instead, a non income statement cash element.
- MNR enabled the agency to clarify the agency's financial results based on a more representative measure of operational performance.

Adjusted Net Revenue

- Once the DSR principal payments reached substantial amounts, its effect on the agency financial results became apparent.
- In an effort to eliminate the current effect of DSR on consolidated financial statements, an Adjusted Net Revenue (ANR) Key Agency Target similar to MNR was developed.
- ANR is calculated by simply adding Power Services and Transmission Services Net Revenue.
- ANR is a more appropriate reflection of financial performance than standard FCRPS net revenue.

DSR and IPR2

- Recent discussions on using debt management actions to smooth the transition of expensing the EE capital program will involve the use of EN bonds associated with DSR.
- These bonds would be extended to ease the transition to expense beginning in FY 2016.
- Although these EN bonds will be restructured as part of Regional Cooperation debt, the extension will not impact Transmission's DSR accounting and ratemaking.
- Transmission's obligation for repayment of this debt service will remain the same as is currently in place.
- New EN debt issued as part of this effort to mitigate the expensing of EE will become Power's obligation.

Status Update on Long-Term Rate Forecasting Initiative

Brian McConnell
Manager, Budget Planning and Forecasting

Dave Manary
Financial Analyst

Strategic Direction

- BPA is engaged in developing long-term strategies to position itself to successfully meet its mission, while balancing an array of competing priorities.

- Key Strategic Initiatives (KSI) are focused on the following areas:
 - Our workforce
 - Our physical assets
 - Sustainable finances and rates
 - Reliable, efficient and flexible system operations
 - Our natural environment

Sustainable Finances and Rates KSI Goal

BPA delivers cost-based power and transmission services

- priced to fully subscribe the FCRPS power supply among Northwest public preference customers in perpetuity,
- balancing the goals of low rates, reliable operations, and sustainable long-term financial health,
- while meeting its public purpose objectives and statutory obligations as a Federal power marketer and open-access transmission provider.

KSI Deliverables

- BPA has a set of measurable long-term financial objectives for rates, liquidity/cash, and financial health.
- To deliver on these objectives, BPA has integrated, risk-informed asset and financial strategies to guide the prioritization of investments, allocation of financial resources, management of costs, planning for revenue growth, and management of liquidity and cash.
- To develop and implement the strategies, BPA will have the full analytical ability to quickly and efficiently evaluate multiple assumptions and scenarios over a 15-year horizon. Variables to be analyzed include:
 - Program capital and expense levels
 - Load
 - Hydro generation levels
 - Natural gas prices
 - Financing and cost of capital

Long-Term Rates and Financials Forecast

- BPA is developing a long-term rates model that forecasts key Power and Transmission rates through 2030.
- The forecast relies on
 - Capital Investment Review (CIR) and Integrated Program Review (IPR) capital and expense program levels
 - Inflation assumptions beyond the CIR/IPR window, unless other escalation rates are more appropriate
 - Current natural gas, load, and hydro generation forecasts
 - Expected debt management actions
- Next Steps:
 - BPA will schedule a public meeting in the fall to roll out the forecast results of the modeling and discuss the input assumptions. The forecast will be consistent with the BP-16 Final Proposal.

Appendix 1

Planned Network Additions Associated With Interconnection Requests

The following are planned* Network additions associated with requested line/load and generation interconnections that were recently approved:

No new projects were approved in the past quarter.

*Construction is contingent upon the requestor signing a construction agreement.

Please direct inquiries to Jana Jusupovic in Customer Service Engineering at jdjusupovic@bpa.gov

Report ID: 0020FY15 **FCRPS Summary Statement of Revenues and Expenses** Run Date/Run Time: April 22,2015/ 11:47
 Requesting BL: CORPORATE BUSINESS UNIT Through the Month Ended March 31, 2015 Data Source: EPM Data Warehouse
 Unit of measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 50%

	FY 2014		FY 2015			FY 2015
	Actuals: FYTD	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals: FYTD
Operating Revenues						
1 Gross Sales (excluding bookout adjustment) <Note 3	\$ 1,779,174	\$ 3,464,795	\$ 3,396,493	\$ 3,306,405	\$ 3,300,215	\$ 1,788,836
2 Bookout adjustment to Sales	(30,409)	(38,281)	-	-	(10,137)	(10,137)
3 Miscellaneous Revenues	31,843	65,378	62,696	65,309	61,933	31,563
4 U.S. Treasury Credits	83,820	108,453	97,596	99,826	78,297	41,306
5 Total Operating Revenues	1,864,427	3,600,346	3,556,786	3,471,540	3,430,308	1,851,567
Operating Expenses						
Power System Generation Resources						
Operating Generation Resources						
6 Columbia Generating Station	139,100	297,825	338,558	330,763	326,995	179,367
7 Bureau of Reclamation	53,331	137,695	143,033	152,533	152,533	68,474
8 Corps of Engineers	102,799	223,451	231,878	237,378	237,378	106,338
9 Long-term Contract Generating Projects	8,997	20,969	26,619	27,843	27,345	13,327
10 Operating Generation Settlement Payment	8,272	19,225	21,906	21,497	18,555	7,624
11 Non-Operating Generation	886	160	2,228	1,467	1,410	623
12 Gross Contracted Power Purchases and Augmentation Power Purch	180,103	237,500	149,531	104,278	52,741	17,926
13 Bookout Adjustment to Power Purchases	(30,409)	(38,281)	-	-	(10,137)	(10,137)
14 Exchanges & Settlements <Note 3	113,978	201,345	201,899	201,500	200,303	113,200
15 Renewables	16,877	35,812	40,038	40,224	39,313	16,475
16 Generation Conservation	16,118	37,531	49,320	48,552	44,832	18,541
17 Subtotal Power System Generation Resources	610,052	1,173,232	1,205,010	1,166,035	1,091,269	531,759
Power Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	28,593	55,513	58,806	59,403	59,403	29,978
Power Services Non-Generation Operations	35,827	75,587	94,965	91,532	81,490	36,024
20 Transmission Operations	60,159	131,396	144,346	144,206	136,646	64,039
21 Transmission Maintenance	65,860	153,989	157,893	161,177	159,321	71,663
22 Transmission Engineering	22,383	52,705	41,769	47,007	50,916	28,832
23 Trans Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	6,523	13,123	10,212	16,160	21,778	15,105
24 Transmission Reimbursables	5,962	12,866	10,745	10,745	9,369	4,062
25 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	132,967	271,962	301,339	301,823	300,106	140,876
BPA Internal Support						
26 Additional Post-Retirement Contribution	18,501	37,002	37,638	37,638	37,638	18,819
27 Agency Services G&A	55,943	126,550	119,298	124,324	129,406	53,708
28 Other Income, Expenses & Adjustments	2,266	(3,582)	-	(15,000)	(27,712)	(27,902)
29 Non-Federal Debt Service	384,573	355,828	657,557	405,703	406,186	198,241
30 Depreciation & Amortization	219,150	440,524	436,920	455,608	453,608	224,324
31 Total Operating Expenses	1,648,758	2,896,696	3,276,498	3,006,364	2,909,424	1,389,527
32 Net Operating Revenues (Expenses)	215,669	703,649	280,287	465,177	520,884	462,040
Interest Expense and (Income)						
33 Interest Expense	149,310	333,820	437,724	358,489	355,500	176,376
34 AFUDC	(24,681)	(50,236)	(50,409)	(60,000)	(53,000)	(26,207)
35 Interest Income	(9,513)	(23,446)	(27,588)	(14,042)	(13,818)	(5,488)
36 Net Interest Expense (Income)	115,116	260,138	359,726	284,447	288,683	144,681
37 Net Revenues (Expenses)	\$ 100,553	\$ 443,512	\$ (79,439)	\$ 180,730	\$ 232,201	\$ 317,359

<1 Although the forecasts in this report are presented as point estimates, BPA operates a hydro-based system that encounters much uncertainty regarding water supply and wholesale market prices. These uncertainties among other factors may result in large range swings +/- impacting the final results in revenues, expenses, and cash reserves.
 <2 The consolidated FCRPS Statement reduces reported Revenues and Expenses where between business line transactions occur, the most significant of which are for Transmission Acquisition and Ancillary Services.
 <3 The Residential Exchange Program expenses reflect the Scheduled Amount of REP benefits payments established in the 2012 REP Settlement Agreement. The Scheduled Amount of REP benefit payments incorporates a \$76,537,617 reduction in REP benefits to provide Refund Amount payments to COUs. The Refund Amount returned to the COUs is reflected through a reduction in the Gross Sales amount.

Report ID: 0060FY15	Power Services Detailed Statement of Revenues and Expenses	Run Date\Time: April 22, 2015 11:48
Requesting BL: POWER BUSINESS UNIT	Through the Month Ended March 31, 2015	Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 50%

	A	B	C	D <Note 1	E	F
	FY 2014	FY 2015			FY 2015	FY 2015
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Operating Revenues						
1 Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,572,333	\$ 2,500,387	\$ 2,411,110	\$ 2,411,376	\$ 1,337,304	55%
2 Bookout Adjustment to Sales	(38,281)	-	-	(10,137)	(10,137)	100%
3 Miscellaneous Revenues	26,170	29,953	31,394	29,917	14,880	50%
4 Inter-Business Unit	142,244	112,910	134,767	132,908	64,320	48%
5 U.S. Treasury Credits	108,453	97,596	99,826	78,297	41,306	53%
6 Total Operating Revenues	2,810,919	2,740,845	2,677,096	2,642,361	1,447,673	55%
Operating Expenses						
Power System Generation Resources						
Operating Generation						
7 COLUMBIA GENERATING STATION	297,825	338,558	330,763	326,995	179,367	55%
8 BUREAU OF RECLAMATION	137,695	143,033	152,533	152,533	68,474	45%
9 CORPS OF ENGINEERS	223,451	231,878	237,378	237,378	106,338	45%
10 LONG-TERM CONTRACT GENERATING PROJECTS	20,969	26,619	27,843	27,345	13,327	49%
11 Sub-Total	679,940	740,088	748,517	744,251	367,506	49%
Operating Generation Settlements and Other Payments						
12 COLVILLE GENERATION SETTLEMENT	19,225	21,906	21,497	18,555	7,624	41%
13 Sub-Total	19,225	21,906	21,497	18,555	7,624	41%
Non-Operating Generation						
14 TROJAN DECOMMISSIONING	972	1,500	1,000	1,000	436	44%
15 WNP-1&4 O&M	(811)	728	467	410	187	46%
16 Sub-Total	160	2,228	1,467	1,410	623	44%
Gross Contracted Power Purchases (excluding bookout adjustments)						
17 PNCA HEADWATER BENEFITS	2,750	3,030	3,000	2,800	1,967	70%
18 PURCHASES FOR SERVICE AT TIER 2 RATES	4,925	24,869	24,656	24,656	12,290	50%
19 OTHER POWER PURCHASES - (e.g. Short-Term)	229,825	26,720	76,622	25,285	3,669	15%
20 Sub-Total	237,500	54,618	104,278	52,741	17,926	34%
21 Bookout Adjustments to Contracted Power Purchases	(38,281)	-	-	(10,137)	(10,137)	100%
Augmentation Power Purchases						
22 AUGMENTATION POWER PURCHASES	-	94,913	-	-	-	0%
23 Sub-Total	-	94,913	-	-	-	0%
Exchanges & Settlements						
24 RESIDENTIAL EXCHANGE PROGRAM <Note 2	201,345	201,899	201,500	200,303	113,200	57%
25 Sub-Total	201,345	201,899	201,500	200,303	113,200	57%
Renewable Generation						
26 RENEWABLES	35,843	40,147	40,332	39,313	16,516	42%
27 Sub-Total	\$ 35,843	\$ 40,147	\$ 40,332	\$ 39,313	\$ 16,516	42%

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Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 50%

	A	B C D <Note 1			E	F
	FY 2014	FY 2015			FY 2015	FY 2015
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Generation Conservation						
28 DSM TECHNOLOGY	\$ -	\$ -	\$ -	\$ -	\$ -	0%
29 CONSERVATION ACQUISITION	12,416	16,754	14,695	15,444	5,585	36%
30 DR & SMART GRID	-	-	1,825	1,247	426	34%
31 LOW INCOME ENERGY EFFICIENCY	5,155	5,252	5,252	5,252	498	9%
32 REIMBURSABLE ENERGY EFFICIENCY DEVELOPMENT	6,217	12,083	13,000	9,200	4,525	49%
33 LEGACY	717	1,050	605	605	378	63%
34 MARKET TRANSFORMATION	13,026	14,180	13,175	13,084	7,129	54%
35 CONSERVATION RATE CREDIT (CRC)	-	-	-	-	-	0%
36 Sub-Total	37,531	49,320	48,552	44,832	18,541	41%
Power System Generation Sub-Total	1,173,264	1,205,118	1,166,143	1,091,269	531,800	49%
Power Non-Generation Operations						
Power Services System Operations						
38 INFORMATION TECHNOLOGY	4,165	6,735	5,435	4,094	3,558	87%
39 GENERATION PROJECT COORDINATION	6,478	7,268	7,778	6,995	1,360	19%
40 SLICE IMPLEMENTATION	902	1,126	1,077	956	428	45%
41 Sub-Total	11,545	15,129	14,290	12,045	5,346	44%
Power Services Scheduling						
42 OPERATIONS SCHEDULING	8,323	10,621	9,758	8,476	3,986	47%
43 OPERATIONS PLANNING	6,539	7,948	6,936	6,538	3,172	49%
44 Sub-Total	14,861	18,569	16,694	15,014	7,158	48%
Power Services Marketing and Business Support						
45 POWER R&D	6,360	5,936	7,428	7,092	2,879	41%
46 SALES & SUPPORT	18,827	21,339	21,397	19,209	9,072	47%
47 STRATEGY, FINANCE & RISK MGMT	11,770	20,360	18,602	15,379	5,911	38%
48 EXECUTIVE AND ADMINISTRATIVE SERVICES	4,162	4,369	4,109	4,092	1,454	36%
49 CONSERVATION SUPPORT	8,128	9,309	9,012	8,659	4,234	49%
50 Sub-Total	49,247	61,312	60,548	54,431	23,549	43%
Power Non-Generation Operations Sub-Total	75,654	95,010	91,532	81,490	36,053	44%
Power Services Transmission Acquisition and Ancillary Services						
PBL Transmission Acquisition and Ancillary Services						
52 POWER SERVICES TRANSMISSION & ANCILLARY SERVICES	109,190	94,474	92,296	96,217	47,422	49%
53 3RD PARTY GTA WHEELING	52,570	56,578	56,442	56,442	29,457	52%
54 POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	2,943	2,333	2,961	2,961	521	18%
55 GENERATION INTEGRATION / WIT-TS	10,775	11,664	11,664	11,232	5,293	47%
56 TELEMETERING/EQUIP REPLACEMT	-	53	-	-	-	0%
57 Power Srvc Trans Acquisition and Ancillary Services Sub-Tota	175,477	165,102	163,363	166,852	82,692	50%
Fish and Wildlife/USF&W/Planning Council/Environmental Req						
BPA Fish and Wildlife						
58 Fish & Wildlife	231,781	260,000	260,000	258,166	124,322	48%
59 USF&W Lower Snake Hatcheries	30,960	31,670	31,670	31,670	11,503	36%
60 Planning Council	9,727	10,799	10,784	10,770	5,270	49%
61 Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 272,467	\$ 302,469	\$ 302,454	\$ 300,606	\$ 141,095	47%

Report ID: 0060FY15	Power Services Detailed Statement of Revenues and Expenses	Run Date\Time: April 22, 2015 11:48
Requesting BL: POWER BUSINESS UNIT	Through the Month Ended March 31, 2015	Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 50%

	A	B		C		D <small><Note 1</small>		E	F
	FY 2014	FY 2015		FY 2015		FY 2015		FY 2015	FY 2015
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals	Actuals	Actuals	per Forecast
BPA Internal Support									
62 Additional Post-Retirement Contribution	\$ 18,501	\$ 18,819	\$ 18,819	\$ 18,819	\$ 9,410				50%
63 Agency Services G&A (excludes direct project support)	58,267	57,215	57,410	59,714	25,377				42%
64 BPA Internal Support Sub-Total	76,768	76,034	76,229	78,533	34,786				44%
65 Bad Debt Expense	(2)	-	-	5	7				124%
66 Other Income, Expenses, Adjustments	(998)	-	(15,000)	(27,452)	(27,596)				101%
Non-Federal Debt Service									
Energy Northwest Debt Service									
67 COLUMBIA GENERATING STATION DEBT SVC	89,987	80,636	79,565	80,621	38,598				48%
68 WNP-1 DEBT SVC	(19,356)	184,536	41,258	41,040	23,732				58%
69 WNP-3 DEBT SVC	58,395	166,975	60,422	60,067	23,525				39%
70 Sub-Total	129,026	432,147	181,245	181,728	85,855				47%
Non-Energy Northwest Debt Service									
71 CONSERVATION DEBT SVC	2,511	312	312	312	312				100%
72 COWLITZ FALLS DEBT SVC	7,298	6,890	7,299	7,299	3,650				50%
73 NORTHERN WASCO DEBT SVC	1,931	1,929	1,929	1,929	965				50%
74 Sub-Total	11,740	9,131	9,540	9,540	4,927				52%
75 Non-Federal Debt Service Sub-Total	140,766	441,278	190,785	191,268	90,782				47%
76 Depreciation	132,491	134,164	140,300	138,300	67,325				49%
77 Amortization	94,776	95,117	91,928	91,928	46,579				51%
78 Total Operating Expenses	2,140,663	2,514,292	2,207,735	2,112,799	1,003,522				47%
79 Net Operating Revenues (Expenses)	670,256	226,553	469,361	529,562	444,151				84%
Interest Expense and (Income)									
80 Federal Appropriation	221,253	220,657	202,099	202,150	101,078				50%
81 Capitalization Adjustment	(45,937)	(45,937)	(45,938)	(45,938)	(22,968)				50%
82 Borrowings from US Treasury	29,837	73,235	48,648	47,991	23,779				50%
83 Customer Prepaid Power Purchases	14,775	14,041	14,041	14,041	7,114				51%
84 AFUDC	(9,375)	(11,175)	(11,000)	(11,000)	(4,940)				45%
85 Interest Income	(14,192)	(13,911)	(6,587)	(7,498)	(2,838)				38%
86 Net Interest Expense (Income)	196,361	236,909	201,263	199,746	101,225				51%
87 Total Expenses	2,337,024	2,751,202	2,408,998	2,312,545	1,104,747				48%
88 Net Revenues (Expenses)	\$ 473,895	\$ (10,357)	\$ 268,099	\$ 329,816	\$ 342,926				104%

<1 Although the forecasts in this report are presented as point estimates, BPA operates a hydro-based system that encounters much uncertainty regarding water supply and wholesale market prices. These uncertainties among other factors may result in large range swings +/- impacting the final results in revenues, expenses, and cash reserves.

<2 The Residential Exchange Program expenses reflect the Scheduled Amount of REP benefits payments established in the 2012 REP Settlement Agreement. The Scheduled Amount of REP benefit payments incorporates a \$76,537,617 reduction in REP benefits to provide Refund Amount payments to COUs. The Refund Amount returned to the COUs is reflected through a reduction in the Gross Sales amount.

Report ID: 0061FY15 **Transmission Services Detailed Statement of Revenues and Expenses** Run Date/Time: April 22, 2015 05:13
 Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended March 31, 2015 Data Source: EPM Data Warehouse
 Unit of Measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 50%

	A	B	C	D <Note 1	E	F
	FY 2014	FY 2015			FY 2015	FY 2015
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Operating Revenues						
Sales						
Network						
1 Network Integration	\$ 132,912	\$ 129,253	\$ 130,180	\$ 130,757	\$ 71,402	55%
2 Other Network	434,240	448,165	437,225	431,261	217,111	50%
3 Intertie	70,160	71,527	70,823	70,268	34,016	48%
4 Other Direct Sales	255,151	247,162	257,067	256,554	129,003	50%
5 Miscellaneous Revenues	39,208	32,744	33,915	32,015	16,683	52%
6 Inter-Business Unit Revenues	120,625	118,509	104,246	109,201	53,052	49%
7 Total Operating Revenues	1,052,296	1,047,359	1,033,457	1,030,055	521,266	51%
Operating Expenses						
Transmission Operations						
System Operations						
8 INFORMATION TECHNOLOGY	12,522	7,568	10,920	8,355	4,061	49%
9 POWER SYSTEM DISPATCHING	12,260	14,123	13,402	13,152	6,462	49%
10 CONTROL CENTER SUPPORT	19,368	19,298	18,388	20,873	10,542	51%
11 TECHNICAL OPERATIONS	5,854	6,974	6,845	6,436	3,134	49%
12 ENERGY IMBALANCE MARKET	-	-	3,947	3,763	-	0%
13 SUBSTATION OPERATIONS	22,787	22,815	21,070	22,748	11,622	51%
14 Sub-Total	72,791	70,779	74,571	75,326	35,822	48%
Scheduling						
15 RESERVATIONS	1,049	5,816	1,328	1,328	593	45%
16 PRE-SCHEDULING	328	252	261	261	148	57%
17 REAL-TIME SCHEDULING	4,056	5,537	4,708	4,708	2,148	46%
18 SCHEDULING TECHNICAL SUPPORT	3,940	1,031	4,064	3,806	1,811	48%
19 SCHEDULING AFTER-THE-FACT	240	229	273	273	113	41%
20 Sub-Total	9,612	12,865	10,634	10,376	4,813	46%
Marketing and Business Support						
21 TRANSMISSION SALES	2,418	3,062	2,628	2,628	1,126	43%
22 MKTG TRANSMISSION FINANCE	-	-	-	-	-	0%
23 MKTG CONTRACT MANAGEMENT	4,509	5,405	4,831	4,713	2,121	45%
24 MKTG TRANSMISSION BILLING	2,358	2,930	2,981	2,851	1,204	42%
25 MKTG BUSINESS STRAT & ASSESS	6,216	7,103	7,169	7,088	3,418	48%
26 Marketing Sub-Total	15,501	18,501	17,610	17,280	7,869	46%
27 EXECUTIVE AND ADMIN SERVICES	10,318	14,106	17,836	11,102	5,973	54%
28 LEGAL SUPPORT	2,586	3,951	3,693	2,621	997	38%
29 TRANS SERVICES INTERNAL GENERAL & ADMINISTRATIVE	13,469	16,025	12,793	12,833	4,969	39%
30 AIRCRAFT SERVICES	1,273	2,294	2,108	2,108	548	26%
31 LOGISTICS SERVICES	5,340	4,947	4,149	4,167	2,421	58%
32 SECURITY ENHANCEMENTS	507	878	813	834	628	75%
33 Business Support Sub-Total	33,493	42,201	41,392	33,664	15,536	46%
34 Transmission Operations Sub-Total	\$ 131,396	\$ 144,346	\$ 144,206	\$ 136,646	\$ 64,039	47%

Report ID: 0061FY15 **Transmission Services Detailed Statement of Revenues and Expenses** Run Date/Time: April 22, 2015 05:13
 Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended March 31, 2015 Data Source: EPM Data Warehouse
 Unit of Measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 50%

	A	B	C	D <Note 1	E	F
	FY 2014	FY 2015			FY 2015	FY 2015
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Transmission Maintenance						
System Maintenance						
35	NON-ELECTRIC MAINTENANCE	\$ 21,296	\$ 27,853	\$ 30,456	\$ 26,485	\$ 10,687 40%
36	SUBSTATION MAINTENANCE	30,365	31,777	27,937	30,256	16,902 56%
37	TRANSMISSION LINE MAINTENANCE	27,782	26,820	26,804	27,305	13,082 48%
38	SYSTEM PROTECTION CONTROL MAINTENANCE	11,963	13,381	13,046	13,009	6,185 48%
39	POWER SYSTEM CONTROL MAINTENANCE	20,791	17,582	17,654	18,626	9,105 49%
40	JOINT COST MAINTENANCE	134	1	109	120	66 55%
41	SYSTEM MAINTENANCE MANAGEMENT	8,214	6,574	9,816	8,163	2,721 33%
42	ROW MAINTENANCE	7,396	8,597	10,008	9,982	3,352 34%
43	HEAVY MOBILE EQUIP MAINT	200		()	1	(141) 0%
44	TECHNICAL TRAINING	2,087	3,269	2,314	2,391	1,054 44%
45	VEGETATION MANAGEMENT	19,536	17,471	18,465	18,424	7,253 39%
46	Sub-Total	149,763	153,324	156,609	154,761	70,264 45%
Environmental Operations						
47	ENVIRONMENTAL ANALYSIS	5	85	-	3	11 350%
48	POLLUTION PREVENTION AND ABATEMENT	4,221	4,484	4,568	4,556	1,388 30%
49	Sub-Total	4,226	4,569	4,568	4,560	1,399 31%
50	Transmission Maintenance Sub-Total	153,989	157,893	161,177	159,321	71,663 45%
Transmission Engineering						
System Development						
51	RESEARCH & DEVELOPMENT	7,565	7,940	8,751	8,364	3,406 41%
52	TS&D PLANNING AND ANALYSIS	23,570	13,289	15,934	18,519	11,994 65%
53	CAPITAL TO EXPENSE TRANSFER	6,050	4,202	4,247	4,287	3,992 93%
54	NERC / WECC COMPLIANCE	12,820	12,561	14,331	16,351	7,867 48%
55	ENVIRONMENTAL POLICY/PLANNING	1,271	1,189	1,560	1,671	593 35%
56	ENG RATING AND COMPLIANCE	1,430	2,589	2,184	1,723	980 57%
57	Sub-Total	52,705	41,769	47,007	50,916	28,832 57%
58	Transmission Engineering Sub-Total	52,705	41,769	47,007	50,916	28,832 57%
Trans. Services Transmission Acquisition and Ancillary Services						
BBL Acquisition and Ancillary Products and Services						
59	ANCILLARY SERVICES PAYMENTS	130,005	111,742	122,607	120,829	58,418 48%
60	OTHER PAYMENTS TO POWER SERVICES	9,602	9,506	9,402	9,402	4,702 50%
61	STATION SERVICES PAYMENTS	2,638	2,785	2,784	2,627	1,201 46%
62	Sub-Total	142,245	124,033	134,793	132,858	64,321 48%
Non-BBL Acquisition and Ancillary Products and Services						
63	LEASED FACILITIES	3,939	4,338	7,447	4,637	1,337 29%
64	GENERAL TRANSFER AGREEMENTS (SETTLEMENT)	1,443	525	18	9,713	9,697 100%
65	NON-BBL ANCILLARY SERVICES	7,550	4,285	8,596	4,538	981 22%
66	OVERSUPPLY DISPLACEMENT COSTS	-	-	-	2,700	2,702 100%
67	TRANSMISSION RENEWABLES	190	1,063	100	190	386 204%
68	Sub-Total	13,122	10,212	16,160	21,778	15,103 69%
69	Trans. Svcs. Acquisition and Ancillary Services Sub-Total	155,368	134,245	150,953	154,636	79,425 51%
Transmission Reimbursables						
Reimbursables						
70	EXTERNAL REIMBURSABLE SERVICES	10,782	8,440	8,440	7,090	3,263 46%
71	INTERNAL REIMBURSABLE SERVICES	2,084	2,305	2,305	2,279	799 35%
72	Sub-Total	12,866	10,745	10,745	9,369	4,062 43%
73	Transmission Reimbursables Sub-Total	\$ 12,866	\$ 10,745	\$ 10,745	\$ 9,369	\$ 4,062 43%

Report ID: 0061FY15

Transmission Services Detailed Statement of Revenues and Expenses

Run Date/Time: April 22, 2015 05:13

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2015

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	A	B	C	D <Note 1	E	F
	FY 2014	FY 2015			FY 2015	FY 2015
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
BPA Internal Support						
74 Additional Post-Retirement Contribution	\$ 18,501	\$ 18,819	\$ 18,819	\$ 18,819	\$ 9,410	50%
75 Agency Services G & A (excludes direct project support)	68,283	62,083	66,914	69,692	28,331	41%
76 BPA Internal Support Subtotal	86,784	80,902	85,733	88,511	37,741	43%
Other Income, Expenses, and Adjustments						
77 Bad Debt Expense	(11)	-	-	-	29	0%
78 Other Income, Expenses, Adjustments	(2,515)	-	-	(265)	(294)	111%
79 Undistributed Reduction	-	-	-	-	-	0%
80 Depreciation	211,192	205,359	221,200	221,200	109,321	49%
81 Amortization	2,065	2,281	2,180	2,180	1,100	50%
82 Total Operating Expenses	803,840	777,540	823,202	822,514	395,918	48%
83 Net Operating Revenues (Expenses)	248,455	269,819	210,255	207,541	125,349	60%
Interest Expense and (Income)						
84 Federal Appropriation	14,514	14,257	14,514	14,482	7,241	50%
85 Capitalization Adjustment	(18,968)	(18,968)	(18,968)	(18,968)	(9,484)	50%
86 Borrowings from US Treasury	69,430	135,870	91,270	86,740	42,111	49%
87 Debt Service Reassignment	44,348	36,995	35,053	35,053	17,526	50%
88 Customer Advances	7,626	8,990	6,603	6,983	3,491	50%
89 Lease Financing	41,290	35,578	46,220	48,020	24,013	50%
90 AFUDC	(40,861)	(39,234)	(49,000)	(42,000)	(21,266)	51%
91 Interest Income	(9,254)	(13,677)	(7,455)	(6,320)	(2,650)	42%
92 Net Interest Expense (Income)	108,125	159,811	118,237	123,989	60,983	49%
93 Total Expenses	911,965	937,351	941,439	946,503	456,900	48%
94 Net Revenues (Expenses)	\$140,331	\$110,008	\$ 92,018	\$ 83,552	\$ 64,366	77%

<1 Although the forecasts in this report are presented as point estimates, BPA operates a hydro-based system that encounters much uncertainty regarding water supply and wholesale market prices. These uncertainties, among other factors, may result in large range swings +/- impacting the final results in revenues, expenses, and cash reserves.

Report ID: 0067FY15
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended March 31, 2015
 Preliminary Unaudited

Run Date/Run Time: April 22, 2015/ 07:37
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

A		B		C		D		E	
FY 2015		FY 2015		FY 2015		FY 2015		FY 2015	
SOY Budget		Current EOY Forecast		Actuals: FYTD		Actuals / SOY Budget		Actuals / Forecast	

Transmission Business Unit									
<u>MAIN GRID</u>									
1	CENTRAL OREGON REINFORCEMENT	\$ 1,281	\$ 355	\$ (386)	-30%	-109%			
2	BIG EDDY-KNIGHT 500kv PROJECT	10,892	28,849	17,231	158%	60%			
3	OLYMPIC PENINSULA REINFORCEMNT	-	1,500	1,704	0%	114%			
4	WEST OF MCNARY INTEGRATION PRO	-	(2)	(3)	0%	117%			
5	I-5 CORRIDOR UPGRADE PROJECT	38,442	32,502	14,127	37%	43%			
6	CENTRAL FERRY- LOWER MONUMNTAL	39,082	46,448	32,559	83%	70%			
7	SEATTLE-PUDGET SOUND AREA	27,294	12,807	3,231	12%	25%			
8	PORTLAND-VANCOUVER	475	732	1,020	215%	139%			
9	WEST OF CASCADES NORTH	-	800	1,174	0%	147%			
10	SALEM- ALBANY-EUGENE AREA	791	2,200	778	98%	35%			
11	TRI-CITIES AREA	1,187	11	56	5%	519%			
12	MONTANA-WEST OF HATWAI	-	(1,203)	(1,884)	0%	157%			
13	NERC CRITERIA COMPLIANCE	-	1,500	937	0%	62%			
14	IDAHO REINFORCEMENT	617	-	-	0%	0%			
15	MISC. MAIN GRID PROJECTS	5,933	20,753	3,744	63%	18%			
16	TOTAL MAIN GRID	125,994	147,251	74,289	59%	50%			
<u>AREA & CUSTOMER SERVICE</u>									
17	ROGUE SVC ADDITION	-	-	(106)	0%	0%			
18	CITY OF CENTRALIA PROJECT	-	400	408	0%	102%			
19	SOUTHERN IDAHO - LOWER VALLEY	15,377	7,831	1,779	12%	23%			
20	LONGVIEW AREA REINFORCEMENT	-	-	20	0%	0%			
21	KALISPELL-FLATHEAD VALLEY	-	-	81	0%	0%			
22	MISC. AREA & CUSTOMER SERVICE	1,780	3,092	1,206	68%	39%			
23	TOTAL AREA & CUSTOMER SERVICE	\$ 17,157	\$ 11,324	\$ 3,389	20%	30%			

Report ID: 0067FY15
 Requesting BL: CORPORATE BUSINESS UNIT
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BPA Statement of Capital Expenditures
 FYTD Through the Month Ended March 31, 2015
 Preliminary Unaudited

Run Date/Run Time: April 22, 2015/ 07:37
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		FY 2015		FY 2015	FY 2015	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit (Continued)						
SYSTEM REPLACEMENTS						
24	TEAP - TOOLS	\$ 1,333	\$ 1,266	\$ 29	2%	2%
25	TEAP - EQUIPMENT	6,674	4,490	1,163	17%	26%
26	SPC - SER	2,772	2,538	3,127	113%	123%
27	SPC - DFRS	-	99	117	0%	118%
28	SPC - METERING	1,631	1,419	1,858	114%	131%
29	SPC - CONTROL AND INDICATION	994	768	665	67%	87%
30	SPC - RELAYS	24,307	23,178	10,338	43%	45%
31	PSC - TELEPHONE SYSTEMS	507	376	921	182%	245%
32	PSC - TRANSFER TRIP	9,126	9,336	2,374	26%	25%
33	PSC - FIN/OP NETWORKS	1,014	752	165	16%	22%
34	PSC - TLECOM TRANSPORT	2,534	2,605	1,157	46%	44%
35	PSC - SCADA/TELEMTRY/SUP CNTRL	2,534	2,001	1,687	67%	84%
36	PSC- TELECOM SUPPORT EQUIPMENT	3,549	3,066	3,356	95%	109%
37	SUB DC - SUSTAIN	10,565	10,888	61	1%	1%
38	SUB AC- BUS & STRUCTURES	1,258	933	566	45%	61%
39	SUB AC - LOW VOLTAGE AUX.	4,139	3,627	4,636	112%	128%
40	SUB AC- SHUNT CAPACITORS	1,697	1,349	390	23%	29%
41	SUB AC-CIRCUIT BRKR & SWITCH GR	10,196	8,857	9,703	95%	110%
42	SUB AC - CVT/PT/CT & ARRESTERS	2,386	1,769	1,261	53%	71%
43	SUB AC-TRANSFORMERS & REACTORS	19,487	40,859	4,059	21%	10%
44	LINES STEEL - SUSTAIN	12,246	11,634	6,556	54%	56%
45	LINES WOOD POLES - SUSTAIN	57,524	57,111	26,092	45%	46%
46	SYSTEM TELECOM - SUSTAIN	36,740	36,130	10,065	27%	28%
47	MISC. REPLACEMENT PROJECTS	-	(442)	(512)	0%	116%
48	MISC FACILITIES- NON-ELECTRIC	19,020	18,018	6,177	32%	34%
49	TOTAL SYSTEM REPLACEMENTS	\$ 232,234	\$ 242,628	\$ 96,011	41%	40%

Report ID: 0067FY15
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended March 31, 2015
 Preliminary Unaudited

Run Date/Run Time: April 22, 2015/ 07:37
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		A		B		C		D		E	
		FY 2015		FY 2015		FY 2015		FY 2015		FY 2015	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast					
Transmission Business Unit (Continued)											
UPGRADES & ADDITIONS											
50	IT PROJECTS	\$ 4,102	\$ 3,348	\$ 1,550	38%	46%					
51	SECURITY ENHANCEMENTS	16,370	7,025	800	5%	11%					
52	LAND RIGHTS - ACCESS ROADS	8,526	8,100	5,470	64%	68%					
53	LAND RIGHTS- VEG MITIGATION	485	461	347	72%	75%					
54	LAND RIGHTS - TRIBAL RENEWALS	485	461	60	12%	13%					
55	ACCESS ROADS	19,887	18,695	11,905	60%	64%					
56	SUB AC - UPGRADES & ADDITIONS	17,009	28,900	7,001	41%	24%					
57	LINE SWITCH UPGRADES	396	-	-	0%	0%					
58	LINE - UPGRADES & ADDITIONS	2,571	2,271	1,204	47%	53%					
59	SUB DC - UPGRADES & ADDITIONS	191,696	178,805	126,817	66%	71%					
60	CONTROL CENTERS-UPGRADE & ADD	1,944	1,180	1,085	56%	92%					
61	CC SYSTEM & APPLICATION	3,530	3,381	7	0%	0%					
62	CC INFRASTRUCTURE COMPONENTS	3,713	3,312	4,540	122%	137%					
63	SYSTEM TELECOM - UPGRADE & ADD	16,233	20,811	10,131	62%	49%					
64	MISC. UPGRADES AND ADDITIONS	17,405	42,946	27,202	156%	63%					
65	TOTAL UPGRADES & ADDITIONS	304,352	319,696	198,117	65%	62%					
ENVIRONMENT CAPITAL											
66	MISC. ENVIRONMENT PROJECTS	7,114	6,842	3,064	43%	45%					
67	TOTAL ENVIRONMENT CAPITAL	7,114	6,842	3,064	43%	45%					
68	CAPITAL DIRECT	686,851	727,740	374,869	55%	52%					
PFIA											
69	MISC. PFIA PROJECTS	5,942	61	(374)	-6%	-618%					
70	GENERATOR INTERCONNECTION	12,814	952	1,128	9%	118%					
71	SPECTRUM RELOCATION	-	121	61	0%	50%					
72	TOTAL PFIA	18,756	1,134	815	4%	72%					
73	CAPITAL INDIRECT	-	-	(440)	0%	0%					
74	TOTAL Transmission Business Unit	\$ 705,607	\$ 728,874	\$ 375,243	53%	51%					

Report ID: 0067FY15	BPA Statement of Capital Expenditures	Run Date/Run Time: April 22, 2015/ 07:37
Requesting BL: CORPORATE BUSINESS UNIT	FYTD Through the Month Ended March 31, 2015	Data Source: EPM Data Warehouse
Unit of Measure: \$Thousands	Preliminary Unaudited	% of Year Elapsed = 50%

	A	B	C	D	E
	FY 2015		FY 2015	FY 2015	
	SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Power Business Unit					
75	BUREAU OF RECLAMATION <Note 1	\$ 46,806	\$ 35,400	\$ 15,402	33% 44%
76	CORPS OF ENGINEERS <Note 1	159,043	137,000	53,946	34% 39%
77	GENERATION CONSERVATION <Note 2	89,313	83,028	33,641	38% 41%
78	POWER INFORMATION TECHNOLOGY	7,026	3,256	3,346	48% 103%
79	FISH & WILDLIFE <Note 2	51,807	32,000	11,619	22% 36%
80	TOTAL Power Business Unit	353,995	290,684	117,955	33% 41%
Corporate Business Unit					
81	CORPORATE BUSINESS UNIT	23,871	31,807	10,815	45% 34%
82	TOTAL Corporate Business Unit	23,871	31,807	10,815	45% 34%
83	TOTAL BPA Capital Expenditures	\$ 1,083,472	\$ 1,051,365	\$ 504,013	47% 48%

< 1 Excludes projects funded by federal appropriations.
 < 2 Amounts are reported as regulatory assets and not utility plant

Proposed Schedule for Slice True-Up Adjustment for Composite Cost Pool True-Up Table and Cost Verification Process

Dates	Agenda
February 3, 2015	<p>First Quarter Business Review Meeting with customers Provide Slice True-Up Adjustment estimate for the Composite Cost Pool and review High Level explanation of variances between rate case forecast and Q1 forecast Q&A customers for any additional information of line items in the Slice True-Up</p>
May 5, 2015	<p>Second Quarter Business Review Meeting with customers Provide Slice True-Up Adjustment estimate for the Composite Cost Pool and review High Level explanation of variances between rate case forecast and Q2 forecast Q&A customers for any additional information of line items in the Slice True-Up Revisit any questions and data requests that were asked during Q1 as needed</p>
August 4, 2015	<p>Third Quarter Business Review Meeting with customers Slice True-Up Adjustment estimate for the Composite Cost Pool and review High Level explanation of variances between rate case forecast and Q3 forecast Q&A customers for any additional information of line items in the Slice True-Up Revisit any questions and data requests that were asked during Q2 as needed</p>
October 2015	<p>BPA External CPA firm conducting audit for fiscal year end</p>
Mid-October 2015	<p>Recording the End of Fiscal Year Slice True-Up Adjustment Accrual for the Composite Cost Pool in the financial system</p>
End of October 2015	<p>Final audited actual financial data is expected to be available</p>
November 3 2015	<p>Fourth Quarter Business Review Meeting with customers Provide Slice True-Up Adjustment for the Composite Cost Pool (this is the number posted in the financial system and is expected to be the final number)</p>

Proposed Schedule for Slice True-Up Adjustment for Composite Cost Pool True-Up Table and Cost Verification Process

November 16, 2015	Mail notification to Slice Customers of the Slice True-Up Adjustment for the Composite Cost Pool
November 18, 2015	BPA to post Composite Cost Pool True-Up Table containing actual values and the Slice True-Up Adjustment
December 10, 2015	Deadline for customers to submit questions about actual line items in the Composite Cost Pool True-Up Table with the Slice True-Up Adjustment for inclusion in the Agreed Upon Procedures (AUPs) Performed by BPA external CPA firm (customers have 15 business days following the posting of Composite Cost Pool Table containing actual values and the Slice True-Up Adjustment
December 18, 2015	BPA posts a draft list of AUP tasks to be performed (Attachment A does not specify an exact date)
January 5, 2016	Customer comments are due on the list of tasks (The deadline can not exceed 10 days from BPA posting)
January 12, 2016	BPA finalizes list of questions about actual lines items in the Composite Cost Pool True-Up Table for the AUPs
January 14, 2016	External auditor to begin the work on the AUP tasks requested by customers
March 16, 2016	External auditor to complete the AUPs (may have up to 120 calendar days)
March 23, 2016	Initial Cost Verification Workshop
April 13, 2016	Customer comment period deadline
April 20, 2016	Follow-up Cost Verification Workshop
May 11, 2016	BPA Draft Response on AUP Report and questions/items raised during workshops
End of May 2016	If customers do not deliver any notice of grievances that are vetted with a third party Neutral, BPA will issue a Final Response on the AUP Report

Composite Cost Pool True-Up Table

	April (\$000)	Rate Case forecast for FY 2015 (\$000)	April - Rate Case Difference (\$000)
1 Operating Expenses			
2 Power System Generation Resources			
3 Operating Generation			
4 COLUMBIA GENERATING STATION (WNP-2)	326,995	\$ 338,558	\$ (11,563)
5 BUREAU OF RECLAMATION	152,533	\$ 143,033	\$ 9,500
6 CORPS OF ENGINEERS	237,378	\$ 231,878	\$ 5,500
7 LONG-TERM CONTRACT GENERATING PROJECTS	27,345	\$ 26,620	\$ 725
8 Sub-Total	744,251	\$ 740,089	\$ 4,162
9 Operating Generation Settlement Payment and Other Payments			
10 COLVILLE GENERATION SETTLEMENT	18,555	\$ 21,906	\$ (3,351)
11 SPOKANE LEGISLATION PAYMENT	-	\$ -	\$ -
12 Sub-Total	18,555	\$ 21,906	\$ (3,351)
13 Non-Operating Generation			
14 TROJAN DECOMMISSIONING	1,000	\$ 1,500	\$ (500)
15 WNP-1&3 DECOMMISSIONING	410	\$ 728	\$ (318)
16 Sub-Total	1,410	\$ 2,228	\$ (818)
17 Gross Contracted Power Purchases			
18 PNCA HEADWATER BENEFITS	2,800	\$ 3,030	\$ (230)
19 HEDGING/MITIGATION (omit except for those assoc. with augmentation)	-	\$ -	\$ -
20 OTHER POWER PURCHASES (omit, except Designated Obligations or Purchases)	(24,127)	\$ -	\$ (24,127)
21 Sub-Total	(21,327)	\$ 3,030	\$ (24,357)
22 Bookout Adjustment to Power Purchases (omit)			
23 Augmentation Power Purchases (omit - calculated below)			
24 AUGMENTATION POWER PURCHASES	-	\$ -	\$ -
25 Sub-Total	-	\$ -	\$ -
26 Exchanges and Settlements			
27 RESIDENTIAL EXCHANGE PROGRAM (REP) (SOY does not include \$973K REP admin co	200,303	\$ 202,894	\$ (2,591)
28 REP ADMINISTRATION COSTS (\$973K rate case amount is included in row 27 column D)	-	\$ -	\$ -
29 OTHER SETTLEMENTS	-	\$ -	\$ -
30 Sub-Total	200,303	\$ 202,894	\$ (2,591)
31 Renewable Generation			
32 CONTRA EXPENSE for GEP reinvestments	-	\$ (750)	\$ 750
33 RENEWABLES (excludes KIII)	30,934	\$ 30,150	\$ 784
34 Sub-Total	30,934	\$ 29,400	\$ 1,534
35 Generation Conservation			
36 DSM TECHNOLOGY	-	\$ -	\$ -
37 CONSERVATION ACQUISITION	15,444	\$ 16,754	\$ (1,310)
38 LOW INCOME WEATHERIZATION & TRIBAL	5,252	\$ 5,252	\$ -
39 ENERGY EFFICIENCY DEVELOPMENT	9,200	\$ 12,083	\$ (2,883)
40 LEGACY	605	\$ 1,050	\$ (445)
41 MARKET TRANSFORMATION	13,084	\$ 14,180	\$ (1,097)
41b DR and Smart Grid	1,825	\$ -	\$ -
42 CONSERVATION Rate Credit (CRC)	-	\$ -	\$ -
43 Sub-Total	45,410	\$ 49,320	\$ (3,910)
44 Power System Generation Sub-Total	1,019,536	\$ 1,048,866	\$ (29,330)

Composite Cost Pool True-Up Table

		April (\$000)	Rate Case forecast for FY 2015 (\$000)	April - Rate Case Difference (\$000)
45				
46	Power Non-Generation Operations			
47	Power Services System Operations			
48	EFFICIENCIES PROGRAM	-	\$ -	\$ -
49	INFORMATION TECHNOLOGY	4,094	\$ 6,735	\$ (2,641)
50	GENERATION PROJECT COORDINATION	6,995	\$ 6,968	\$ 27
51	SLICE IMPLEMENTATION	956	\$ 1,126	\$ (170)
52	Sub-Total	12,045	\$ 14,829	\$ (2,784)
53	Power Services Scheduling			\$ -
54	OPERATIONS SCHEDULING	8,476	\$ 10,621	\$ (2,146)
55	OPERATIONS PLANNING	6,538	\$ 7,948	\$ (1,410)
56	Sub-Total	15,014	\$ 18,569	\$ (3,556)
57	Power Services Marketing and Business Support			
58	POWER R&D	7,092	\$ 5,936	\$ 1,156
59	SALES & SUPPORT	19,209	\$ 21,339	\$ (2,129)
60	STRATEGY, FINANCE & RISK MGMT (SOY column C row 60 includes REP support costs)	15,379	\$ 19,373	\$ (3,994)
61	EXECUTIVE AND ADMINISTRATIVE SERVICES	4,092	\$ 4,360	\$ (268)
62	CONSERVATION SUPPORT	8,659	\$ 9,309	\$ (649)
63	Sub-Total	54,431	\$ 60,316	\$ (5,885)
64	Power Non-Generation Operations Sub-Total	81,490	\$ 93,715	\$ (12,225)
65	Power Services Transmission Acquisition and Ancillary Services			
66	TRANSMISSION and ANCILLARY Services - System Obligations	36,989	\$ 36,989	\$ -
67	3RD PARTY GTA WHEELING	56,442	\$ 56,578	\$ (135)
68	POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS (omit)	-	\$ -	\$ -
69	TRANS ACQ GENERATION INTEGRATION	11,232	\$ 11,664	\$ (432)
70	TELEMETERING/EQUIP REPLACEMT	-	\$ 53	\$ (53)
71	Power Services Trans Acquisition and Ancillary Serv Sub-Total	104,664	\$ 105,284	\$ (620)
72	Fish and Wildlife/USF&W/PlanningCouncil/Environmental Req			
73	BPA Fish and Wildlife			
74	Fish & Wildlife	258,166	\$ 260,000	\$ (1,834)
75	USF&W Lower Snake Hatcheries	31,670	\$ 31,670	\$ -
76	Planning Council	10,770	\$ 10,799	\$ (29)
77	Environmental Requirements	-	\$ 300	\$ (300)
78	Fish and Wildlife/USF&W/PlanningCouncil Sub-Total	300,606	\$ 302,769	\$ (2,162)

Composite Cost Pool True-Up Table

		April (\$000)	Rate Case forecast for FY 2015 (\$000)	April - Rate Case Difference (\$000)
79	BPA Internal Support			
80	Additional Post-Retirement Contribution	18,819	\$ 18,819	\$ -
81	Agency Services G&A (excludes direct project support)	59,714	\$ 57,215	\$ 2,499
82	BPA Internal Support Sub-Total	78,533	\$ 76,034	\$ 2,499
83	Bad Debt Expense	5	\$ -	\$ 5
84	Other Income, Expenses, Adjustments	-	\$ -	\$ -
85	Non-Federal Debt Service			
86	Energy Northwest Debt Service			
87	COLUMBIA GENERATING STATION DEBT SVC	80,621	\$ 80,636	\$ (15)
88	WNP-1 DEBT SVC	41,040	\$ 184,536	\$ (143,496)
89	WNP-3 DEBT SVC	60,067	\$ 166,975	\$ (106,908)
90	EN RETIRED DEBT	-	\$ -	\$ -
91	EN LIBOR INTEREST RATE SWAP	-	\$ -	\$ -
92	Sub-Total	181,728	\$ 432,147	\$ (250,419)
93	Non-Energy Northwest Debt Service			
94	TROJAN DEBT SVC	-	\$ -	\$ -
95	CONSERVATION DEBT SVC	312	\$ 312	\$ -
96	COWLITZ FALLS DEBT SVC	7,299	\$ 6,890	\$ 409
97	NORTHERN WASCO DEBT SVC	1,929	\$ 1,929	\$ -
98	Sub-Total	9,540	\$ 9,131	\$ 409
99	Non-Federal Debt Service Sub-Total	191,268	\$ 441,278	\$ (250,010)
100	Depreciation	138,300	\$ 134,164	\$ 4,136
101	Amortization	91,928	\$ 95,117	\$ (3,189)
102	Total Operating Expenses	2,006,330	\$ 2,297,226	\$ (290,896)
103				
104	Other Expenses			
105	Net Interest Expense	\$199,039	\$ 236,867	\$ (37,828)
106	LDD	33,691	\$ 36,361	\$ (2,670)
107	Irrigation Rate Discount Costs	18,816	\$ 18,816	\$ (0)
108	Sub-Total	251,546	\$ 292,044	\$ (40,498)
109	Total Expenses	2,257,877	\$ 2,589,270	\$ (331,394)

Composite Cost Pool True-Up Table

	April (\$000)	Rate Case forecast for FY 2015 (\$000)	April - Rate Case Difference (\$000)
110			
111	Revenue Credits		
112	Generation Inputs for Ancillary, Control Area, and Other Services Revenues	132,908	\$ 112,910 \$ 19,998
113	Downstream Benefits and Pumping Power revenues	17,334	\$ 15,394 \$ 1,940
114	4(h)(10)(c) credit	73,697	\$ 92,996 \$ (19,299)
115	Colville and Spokane Settlements	4,600	\$ 4,600 \$ -
116	Energy Efficiency Revenues	9,200	\$ 12,083 \$ (2,883)
117	Miscellaneous revenues	4,322	\$ 3,240 \$ 1,082
118	Renewable Energy Certificates	1,107	\$ 1,107 \$ 0
119	Pre-Subscription Revenues (Big Horn/Hungry Horse)	1,985	\$ 1,909 \$ 76
120	Net Revenues from other Designated BPA System Obligations (Upper Baker)	424	\$ 446 \$ (22)
121	WNP-3 Settlement revenues	30,127	\$ 29,163 \$ 964
122	RSS Revenues	3,028	\$ 3,028 \$ -
123	Firm Surplus and Secondary Adjustment (from Unused RHHW)	2,383	\$ 2,383 \$ -
124	Balancing Augmentation Adjustment	4,995	\$ 4,995 \$ -
125	Transmission Loss Adjustment	28,010	\$ 28,010 \$ -
126	Tier 2 Rate Adjustment	802	\$ 802 \$ -
127	NR Revenues	1	\$ 1 \$ -
128	Total Revenue Credits	314,922	\$ 313,066 \$ 1,856
129			
130	Augmentation Costs (not subject to True-Up)		
131	Tier 1 Augmentation Resources (includes Augmentation RSS and Augmentation RSC adders)	12,510	\$ 12,510 \$ -
132	Augmentation Purchases	94,914	\$ 94,914 \$ -
133	Total Augmentation Costs	107,424	\$ 107,424 \$ -
134			
135	DSI Revenue Credit		
136	Revenues 312 aMW, 312 aMW @ IP rate	97,331	\$ 106,510 \$ (9,179)
137	Total DSI revenues	97,331	\$ 106,510 \$ (9,179)
138			
139	Minimum Required Net Revenue Calculation		
140	Principal Payment of Fed Debt for Power	340,461	\$ 111,151 \$ 229,310
141	Irrigation assistance	52,110	\$ 52,110 \$ -
142	Depreciation	138,300	\$ 134,164 \$ 4,136
143	Amortization	91,928	\$ 95,117 \$ (3,189)
144	Capitalization Adjustment	(45,938)	\$ (45,937) \$ (1)
145	Bond Call Premium/Discount	-	\$ - \$ -
146	Non-Federal Interest (Prepay)	14,041	\$ 14,041 \$ -
147	Prepay Revenue Credits	(30,600)	\$ (30,600) \$ -
148	Principal Payment of Fed Debt exceeds non cash expenses	224,840	\$ (3,524) \$ 228,364
149	Minimum Required Net Revenues	224,840	\$ - \$ 224,840
150			
151	Annual Composite Cost Pool (Amounts for each FY)	2,177,887	\$ 2,277,118 \$ (99,231)
152			
153	SLICE TRUE-UP ADJUSTMENT CALCULATION FOR COMPOSITE COST POOL		
154	TRUE UP AMOUNT (Diff. between actual Comp. Cost Pool and forecast Comp. Cost Pool for applicable F	(99,231)	
155	Sum of TOCAs	0.9851395	
156	Adjustment of True-Up Amount when actual TOCAs < 100 percent (divide by sum of TOCAs, expressed a	(100,728)	
157	TRUE-UP ADJUSTMENT CHARGE BILLED (26.62752percent)	(26,821.313)	

Financial Disclosure

- The information contained in slides 43-53, 56-64, and 95-111 has been made publicly available by BPA on May 1, 2015 and contains BPA-approved Financial Information.
- The information contained in slides 3-42, 54-55, and 65-94 has been made publicly available by BPA on May 1, 2015 and does not contain BPA-approved Financial Information.