

Quarterly Business Review (QBR)

**October 31, 2017
9:30 am – 11:30 am
Rates Hearing Room**

To participate by phone please dial: (210)-516-9857
When prompted, enter access code: 5725583#

[WebEx Meeting](#)

Meeting Number: 903 163 777
Meeting Password: CRa5v4MT

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.



October 31, 2017 ~ QBR Agenda

Time	Min	Agenda Topic	Presenter
9:30	10	Safety Reminder / Review Agenda	Anna-Lisa Miller
Financial Highlights			
9:40	20	CFO Spotlight	Mary Hawken
10:00	60	<ul style="list-style-type: none"> ▪ Review of Year End Financial Results ▪ Review of Start of Year Forecast 	Anna-Lisa Miller, Cheryl Hargin, Danny Chen, Stephanie Adams, Will Rector, Damen Bleiler, Marcus Harris
11:00	10	Review of Year End Capital Financial Results & Start of Year Forecast	Kathy Rehmer, Stephanie Adams
11:10	5	Capital Project Status Report	Dennis Naef
11:15	10	Slice Reporting	Jenny Hurlburt, Janice Johnson

Financial Highlights



Financial Overview for FY 2017 through September 30, 2017

FCRPS

- **Adjusted Net Revenue for FCRPS is \$5 million.**
 - The Rate Case forecast of Adjusted Net Revenue was \$39 million and the Start-of-Year forecast was \$(33) million. The 3rd Quarter Review forecast was \$(7) million.
- **FCRPS Net Revenues for FY 2017 is \$339 million. This is \$488 million greater than the rate case forecast primarily due to Regional Cooperation Debt management actions.**
- **Cost management efforts were recognized amongst all Pools with spending below 100% of the Rate Case Forecast and Q2 Cost Management target.**
- **BPA incurred capital expenditures of \$662 million in FY 2017. This is \$242 million less than the Rate Case forecast. This includes projects for Federal Hydro system replacements, transmission system expansion and replacements, fish and wildlife facilities, and new information technology systems.**

Power Services

- **Power Modified Net Revenues for FY 2017 are negative \$85 million.**
 - The rate case forecast for Modified Net Revenue was negative \$41 million, the Start-of-Year forecast was negative \$75 million and the 3rd Quarter forecast was negative \$84 million.
- **Power Services Net Revenues for FY 2017 are \$256 million. This is \$297 million greater than Rate Case due to Regional Cooperation Debt management actions.**
- **Power Services came in with Modified Net Revenues \$44 million below the rate case forecast.**
 - Revenues were \$77 million lower than rate case due to lower net secondary sales, industrial power sales, preference customer sales and a decreased 4(h)(10)(C) credit.
 - Power Services' total expenses, including the power modifier, are \$32 million lower than the Rate Case. Large reductions compared to Rate Case include lower Fish and Wildlife, Generating Assets and lower Non-Generation Operations due to hiring restrictions and cost management efforts. Net interest expense was lower resulting from the RCD program.
- **Capital expenditures were \$217 million in FY 2017, \$61 million less than rate case largely driven by F&W.**

Financial Overview for FY 2017 through September 30, 2017

Transmission Services

- **Transmission Services Net Revenues for FY 2017 are \$90 million.**
 - Operating Revenues for FY 2017 are \$1.1 billion.
- **Total Expense (operating expenses and net interest) for FY 2017 are \$1 billion.**
- **The Net Revenue Rate Case forecast was \$80 million and the Start-of-Year forecast was \$42 million. The 3rd Quarter Review forecast was \$77 million.**
- **Transmission Services came in with net revenues at \$10 million above the rate case forecast.**
 - Revenues were \$9 million lower than the rate case driven by lower Point-to-Point revenues due to conditional revenues assumed in rate case that never materialized. However, this was offset substantially by Power Services acquiring more Point-to-Point transmission than anticipated to move additional secondary sales.
 - Expenses came in \$20 million lower than rate case due to lower Puget Sound Area Northern Intertie (PSANI) work than anticipated, lower Comm Ops spending, reductions taken in travel and training, lower personnel costs due to hiring constraints, lower post retirement benefits, and lower interest expense.
- **Capital expenditures were \$440 million in FY 2017, \$109 million below Rate Case.**

4th Quarter Review – Executive Highlights

(\$ in Millions)

	A	B	C
	FY 2016	FY 2017	FY 2017
	Actuals ^{/2}	Start of Year ^{/2}	Unaudited EOY Actuals ^{/2}
1. Revenues ^{/1}	3,455	3,588	3,591
2. Expenses ^{/1}	3,178	3,298	3,253
3. Net Revenues (Expenses) ^{/1,3}	277	290	339
4. Adjusted Net Revenues ^{/4}	(31)	(33)	5
5. End of Year Financial Reserves ^{/5}	724	948	766
6. BPA Accrued Capital Expenditures ^{/6}	504	761	521

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 2017 Financial Results & FY 2018 Start-of-Year Budget



Report ID: 0023FY17 Requesting BL: TRANSMISSION BUSINESS UNIT Unit of Measure: \$ Thousands	Transmission Services Summary Statement of Revenues and Expenses Through the Month Ended September 30, 2017 Preliminary/ Unaudited	Run Date/Time: October 26, 2017/ 06: 12 Data Source: EPM Data Warehouse % of Year Elapsed = 100%
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	A	B	C	D	E	
	FY 2016	FY 2017			FY 2017	
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals: FYTD	
Operating Revenues						
1	Sales	\$ 903,208	\$ 943,997	\$ 922,753	\$ 915,124	\$ 922,108
2	Miscellaneous Revenues	44,033	39,154	42,431	43,262	41,491
3	Inter-Business Unit Revenues	114,459	117,591	112,403	121,945	128,126
4	Total Operating Revenues	1,061,700	1,100,742	1,077,587	1,080,330	1,091,725
Operating Expenses						
5	Transmission Operations	145,216	160,800	167,501	153,386	144,518
6	Transmission Maintenance	157,455	164,272	169,824	164,891	166,929
7	Transmission Engineering	51,168	54,915	57,929	52,054	53,240
8	Trans Services Transmission Acquisition and Ancillary Services	129,210	140,782	146,623	141,005	140,914
9	Transmission Reimbursables	15,376	9,735	9,922	9,923	15,646
	BPA Internal Support					
10	Additional Post-Retirement Contribution	16,440	19,748	17,023	14,672	13,920
11	Agency Services G&A	71,144	64,775	73,647	66,825	66,724
12	Other Income, Expenses & Adjustments	(6,727)	(2,100)	(11,688)	255	(1,045)
13	Depreciation & Amortization	244,158	259,548	259,548	260,018	260,927
14	Total Operating Expenses	823,440	872,475	890,328	863,029	861,773
15	Net Operating Revenues (Expenses)	238,260	228,267	187,259	217,302	229,952
Interest Expense and (Income)						
16	Interest Expense	171,356	205,969	173,857	164,695	164,121
17	AFUDC	(31,042)	(41,346)	(24,342)	(21,000)	(21,577)
18	Interest Income	(3,957)	(16,310)	(3,875)	(3,093)	(3,045)
19	Net Interest Expense (Income)	136,358	148,313	145,640	140,601	139,499
20	Net Revenues (Expenses)	\$ 101,902	\$ 79,954	\$ 41,619	\$ 76,700	\$ 90,453

<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: 0023FY17

Requesting BL: TRANSMISSION BUSINESS UNIT

Unit of Measure: \$ Thousands

QBR Forecast Analysis: Transmission Services

Through the Month Ended September 30, 2017

Preliminary/ Unaudited

Run Date/Time: October 26, 2017/ 06:12

Data Source: EPM Data Warehouse

% of Year Elapsed = 100%

		A	B	C
		FY 2017		FY 2017
		Rate Case	Actuals: FYTD	EOY Actuals - Rate Case
Operating Revenues				
1	Sales	\$ 943,997	\$ 922,108	\$ (21,889)
2	Miscellaneous Revenues	39,154	41,491	2,337
3	Inter-Business Unit Revenues	117,591	128,126	10,535
4	Total Operating Revenues	1,100,742	1,091,725	(9,017)
Operating Expenses				
5	Transmission Operations	160,800	144,518	(16,282)
6	Transmission Maintenance	164,272	166,929	2,657
7	Transmission Engineering	54,915	53,240	(1,675)
8	Trans Services Transmission Acquisition and Ancillary Services	140,782	140,914	131
9	Transmission Reimbursables	9,735	15,646	5,912
	BPA Internal Support			
10	Additional Post-Retirement Contribution	19,748	13,920	(5,828)
11	Agency Services G&A	64,775	66,724	1,949
12	Other Income, Expenses & Adjustments	(2,100)	(1,045)	1,055
13	Depreciation & Amortization	259,548	260,927	1,379
14	Total Operating Expenses	872,475	861,773	(10,702)
15	Net Operating Revenues (Expenses)	228,267	229,952	1,685
Interest Expense and (Income)				
16	Interest Expense	205,969	164,121	(41,848)
17	AFUDC	(41,346)	(21,577)	19,769
18	Interest Income	(16,310)	(3,045)	13,265
19	Net Interest Expense (Income)	148,313	139,499	(8,814)
20	Net Revenues (Expenses)	\$ 79,954	\$ 90,453	\$ 10,499

Report ID: 0093FY17

Transmission Services Summary Statement of Revenues and Expenses Run Date/Time: October 23, 2017/ 12:05

Requesting BL: TRANSMISSION BUSINESS UNIT

For IPR Budgetary Review

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

	A	B	C
	FY 2018		
	Rate Case	SOY	DELTA: SOY - Rate Case
Operating Revenues			
1 Sales	\$ 893,151	\$ 893,837	\$ 685
2 Miscellaneous Revenues	41,183	41,441	259
3 Inter-Business Unit Revenues	117,982	121,168	3,185
4 Total Operating Revenues	1,052,316	1,056,446	4,130
Operating Expenses			
5 Transmission Operations	167,050	170,409	3,359
6 Transmission Maintenance	176,580	170,235	(6,346)
7 Transmission Engineering	56,351	56,565	214
8 Trans Services Transmission Acquisition and Ancillary Services	119,461	122,496	3,036
9 Transmission Reimbursables	9,929	9,915	(14)
BPA Internal Support			
10 Additional Post-Retirement Contribution	14,946	13,769	(1,177)
11 Agency Services G&A	78,994	75,947	(3,047)
12 Other Income, Expenses & Adjustments	(7,548)	-	7,548
13 Depreciation & Amortization	278,958	278,958	-
14 Total Operating Expenses	894,721	898,294	3,573
15 Net Operating Revenues (Expenses)	157,596	158,152	556
Interest Expense and (Income)			
16 Interest Expense	176,449	166,816	(9,633)
17 AFUDC	(24,733)	(20,000)	4,733
18 Interest Income	(3,497)	(1,680)	1,817
19 Net Interest Expense (Income)	148,219	145,136	(3,083)
20 Net Revenues (Expenses)	\$ 9,377	\$ 13,016	\$ 3,639

Report ID: 0063FY17

Transmission Services Revenue Detail by Product

Run Date/Time: October 26, 2017 07:56

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended September 30, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

		A	B	C	D
		FY 2017			FY 2017
		Rate Case	SOY Budget	Current EOY Forecast	Actuals
Transmission Services Operating Revenues					
NETWORK					
1	PTP - LONG TERM	\$ 475,649	\$ 460,248	\$ 456,796	\$ 457,168
2	NETWORK INTEGRATION	133,090	131,143	130,617	133,535
3	INTEGRATION OF RESOURCES	5,714	5,714	5,714	5,714
4	FORMULA POWER TRANSMISSION	19,237	17,491	19,046	19,076
5	PTP - SHORT TERM	25,521	28,201	31,410	35,450
6	TOTAL: NETWORK	659,211	642,796	643,583	650,942
ANCILLARY SERVICES					
7	SCHEDULING, SYSTEM CONTROL & DISPATCH	153,400	150,384	148,146	149,538
8	OPERATING RESERVES - SPIN & SUPP	48,818	47,522	49,024	47,949
9	VARIABLE RES BALANCING	58,735	52,647	53,444	53,804
10	REGULATION & FREQ RESPONSE	6,224	6,016	5,968	6,083
11	ENERGY & GENERATION IMBALANCE	-	5,096	4,868	4,463
12	DISPATCHABLE RES BALANCING	2,450	1,652	1,543	1,708
13	TOTAL: ANCILLARY SERVICES	269,627	263,317	262,994	263,546
INTERTIE					
14	SOUTHERN INTERTIE LONG TERM	88,737	88,553	86,818	86,808
15	SOUTHERN INTERTIE SHORT TERM	4,927	3,019	4,159	3,048
16	MONTANA INTERTIE LONG TERM	115	115	115	115
17	MONTANA INTERTIE SHORT TERM	-	-	94	108
18	TOTAL: INTERTIE	93,778	91,687	91,186	90,079

Report ID: 0063FY17

Transmission Services Revenue Detail by Product

Run Date/Time: October 26, 2017 07:56

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended September 30, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D
	FY 2017			FY 2017
	Rate Case	SOY Budget	Current EOY Forecast	Actuals
OTHER REVENUES & CREDITS				
19 TOWNSEND-GARRISON TRANS	\$ 12,421	\$ 12,421	\$ 12,322	\$ 12,310
20 GEN INTEGRATION - OTHER REV	12,074	12,142	12,074	12,074
21 USE OF FACILITIES	5,018	5,061	5,112	5,119
22 POWER FACTOR PENALTY	-	-	-	-
23 NFP - DEPR PNW PSW INTERTIE	3,325	3,378	3,399	3,411
24 AC - PNW PSW INTERTIE - OTH REV	1,695	1,775	1,862	2,129
25 OPERATIONS & MAINT - OTHER REV	958	870	739	724
26 COE & BOR PROJECT REV	-	-	-	7
27 RESERVATION FEE - OTHER REV	2,305	1,196	2,263	2,263
28 TRANSMISSION SHARE IRRIGATION	246	246	253	603
29 LAND LEASES AND SALES	295	295	414	408
30 OTHER LEASES REVENUE	104	105	79	131
31 REMEDIAL ACTION - OTHER REV	41	27	27	27
32 MISC SERVICES - LOSS-EXCH-AIR	168	43	17	58
33 OVERSUPPLY	-	-	2,287	2,215
34 FAILURE TO COMPLY - OTHER REV	-	-	745	1,095
35 UNAUTHORIZED INCREASE - OTH REV	-	-	260	769
36 OTHER REVENUE SOURCES	5,287	6,038	5,703	5,251
37 TOTAL: OTHER REVENUES & CREDITS	43,936	43,596	47,556	48,593
FIBER & PCS				
38 FIBER OTHER REVENUE	8,549	8,841	8,190	8,848
39 WIRELESS/PCS - OTHER REVENUE	4,609	5,201	5,210	5,436
40 WIRELESS/PCS - REIMBURSABLE REV	3,127	4,032	3,505	2,959
41 FIBER OTHER REIMBURSABLE REV	811	1,640	1,404	937
42 TOTAL: FIBER & PCS	17,096	19,714	18,309	18,180
REIMBURSABLE				
43 REIMBURSABLE - OTHER REVENUE	12,000	12,000	12,421	16,181
44 ACCRUAL REIMBURSABLE	-	-	-	-
45 TOTAL: REIMBURSABLE	12,000	12,000	12,421	16,181
DELIVERY				
46 UTILITY DELIVERY CHARGES	2,462	2,563	2,367	2,347
47 DSI DELIVERY	2,633	1,915	1,915	1,855
48 TOTAL: DELIVERY	5,095	4,478	4,282	4,202
49 TOTAL: Transmission Services Operating Revenues	\$ 1,100,742	\$ 1,077,587	\$ 1,080,330	\$ 1,091,725

Report ID: 0021FY17	Power Services Summary Statement of Revenues and Expenses	Run Date/Time: October 26, 2017 06:12
Requesting BL: POWER BUSINESS UNIT	Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 100%

	A	B		C	D	E
	FY 2016			FY 2017		FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast		Actuals: FYTD
Operating Revenues						
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,402,364	\$ 2,560,343	\$ 2,497,464	\$ 2,537,022	\$ 2,539,837
2	Bookout Adjustment to Sales	(22,064)	-	-	(13,423)	(21,453)
3	Miscellaneous Revenues	27,880	29,580	29,924	30,739	29,466
4	Inter-Business Unit	115,354	115,750	118,991	114,737	114,993
5	U.S. Treasury Credits	77,228	92,386	95,236	63,817	58,328
6	Total Operating Revenues	2,600,762	2,798,058	2,741,615	2,732,891	2,721,171
Operating Expenses						
Power System Generation Resources						
Operating Generation Resources						
7	Columbia Generating Station	258,587	322,473	319,053	318,498	317,646
8	Bureau of Reclamation	132,756	158,121	157,621	154,621	148,390
9	Corps of Engineers	237,966	250,981	250,981	243,981	247,048
10	Long-term Contract Generating Projects	20,455	17,034	15,546	11,735	11,225
11	Operating Generation Settlement Payment	17,496	19,651	22,234	16,667	16,667
12	Non-Operating Generation	1,239	1,863	1,482	1,035	743
13	Gross Contracted Power Purchases and Aug Power Purchases	133,893	102,790	86,812	120,041	169,045
14	Bookout Adjustment to Power Purchases	(22,064)	-	-	(13,423)	(21,453)
15	Residential Exchange/IOU Settlement Benefits <Note 2	218,717	219,003	219,003	219,003	219,265
16	Renewables	36,284	41,641	40,623	40,123	32,280
17	Generation Conservation	123,484	131,665	131,614	122,861	117,413
18	Subtotal Power System Generation Resources	1,158,813	1,265,221	1,244,969	1,235,141	1,258,268
19	Power Services Transmission Acquisition and Ancillary Services	174,913	195,831	203,295	217,759	206,164
20	Power Non-Generation Operations	78,663	99,836	91,053	77,676	77,176
21	Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	297,508	318,395	318,539	301,410	291,361
BPA Internal Support						
22	Additional Post-Retirement Contribution	17,743	19,478	18,649	14,858	13,106
23	Agency Services G&A	60,230	55,168	60,109	56,534	55,003
24	Other Income, Expenses & Adjustments	(386)	(129,463)	(26,600)	659	(661)
25	Non-Federal Debt Service	217,587	594,839	213,528	220,198	219,040
26	Depreciation & Amortization	226,960	228,502	231,002	226,602	224,047
27	Total Operating Expenses	2,232,031	2,647,809	2,354,544	2,350,838	2,343,503
28	Net Operating Revenues (Expenses)	368,730	150,249	387,071	382,053	377,668
Interest Expense and (Income)						
29	Interest Expense	206,592	221,881	135,501	135,549	136,208
30	AFUDC	(9,262)	(11,360)	(11,360)	(9,890)	(11,465)
31	Interest Income	(11,405)	(19,456)	(5,195)	(2,709)	(3,065)
32	Net Interest Expense (Income)	185,925	191,065	118,947	122,950	121,678
33	Net Revenues (Expenses)	\$ 182,805	\$ (40,815)	\$ 268,125	\$ 259,104	\$ 255,990
Net Revenue Modifications <Note 3						
34		(315,646)	-	(343,042)	(343,042)	(341,027)
35	Power Modified Net Revenue	\$ (132,841)	\$ (40,815)	\$ (74,917)	\$ (83,938)	\$ (85,036)

<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

<3 In 2016, the scope of PMNR is broadened to include a revenue requirement adjustment that enables the use of cash to assist with the transition of the Energy Efficiency program costs from capital to expense. PMNR is a non-GAAP metric.

Report ID: 0021FY17

Requesting BL: POWER BUSINESS UNIT

Unit of measure: \$ Thousands

QBR Forecast Analysis: Power Services Run Date/Time: October 26, 2017 06:12

Through the Month Ended September 30, 2017

Data Source: EPM Data Warehouse

Preliminary/ Unaudited

% of Year Elapsed = 100%

		A	B	C
		FY 2017		FY 2017
		Rate Case	Actuals: FYTD	EOY Actuals - Rate Case
Operating Revenues				
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,560,343	\$ 2,539,837	\$ (20,506)
2	Bookout Adjustment to Sales	-	(21,453)	(21,453)
3	Miscellaneous Revenues	29,580	29,466	(114)
4	Inter-Business Unit	115,750	114,993	(757)
5	U.S. Treasury Credits	92,386	58,328	(34,057)
6	Total Operating Revenues	2,798,058	2,721,171	(76,887)
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
7	Columbia Generating Station	322,473	317,646	(4,827)
8	Bureau of Reclamation	158,121	148,390	(9,731)
9	Corps of Engineers	250,981	247,048	(3,933)
10	Long-term Contract Generating Projects	17,034	11,225	(5,809)
11	Operating Generation Settlement Payment	19,651	16,667	(2,984)
12	Non-Operating Generation	1,863	743	(1,120)
13	Gross Contracted Power Purchases and Aug Power Purchases	102,790	169,045	66,255
14	Bookout Adjustment to Power Purchases	-	(21,453)	(21,453)
15	Residential Exchange/IOU Settlement Benefits <Note 2	219,003	219,265	263
16	Renewables	41,641	32,280	(9,361)
17	Generation Conservation	131,665	117,413	(14,252)
18	Subtotal Power System Generation Resources	1,265,221	1,258,268	(6,954)
19	Power Services Transmission Acquisition and Ancillary Services	195,831	206,164	10,332
20	Power Non-Generation Operations	99,836	77,176	(22,661)
21	Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	318,395	291,361	(27,034)
BPA Internal Support				
22	Additional Post-Retirement Contribution	19,478	13,106	(6,372)
23	Agency Services G&A	55,168	55,003	(165)
24	Other Income, Expenses & Adjustments	(129,463)	(661)	128,802
25	Non-Federal Debt Service	594,839	219,040	(375,799)
26	Depreciation & Amortization	228,502	224,047	(4,456)
27	Total Operating Expenses	2,647,809	2,343,503	(304,306)
28	Net Operating Revenues (Expenses)	150,249	377,668	227,419
Interest Expense and (Income)				
29	Interest Expense	221,881	136,208	(85,674)
30	AFUDC	(11,360)	(11,465)	(105)
31	Interest Income	(19,456)	(3,065)	16,392
32	Net Interest Expense (Income)	191,065	121,678	(69,387)
33	Net Revenues (Expenses)	\$ (40,815)	\$ 255,990	\$ 296,806
Net Revenue Modifications <Note 3				
34	Net Revenue Modifications <Note 3	-	(341,027)	(341,027)
35	Power Modified Net Revenue	\$ (40,815)	\$ (85,036)	\$ (44,221)

Report ID: 0091FY17

Power Services Summary Statement of Revenues and Expenses

Run Date/Time: October 26, 2017 08:04

Requesting BL: POWER BUSINESS UNIT

For IPR Budgetary Review

Data Source: EPM Data Warehouse

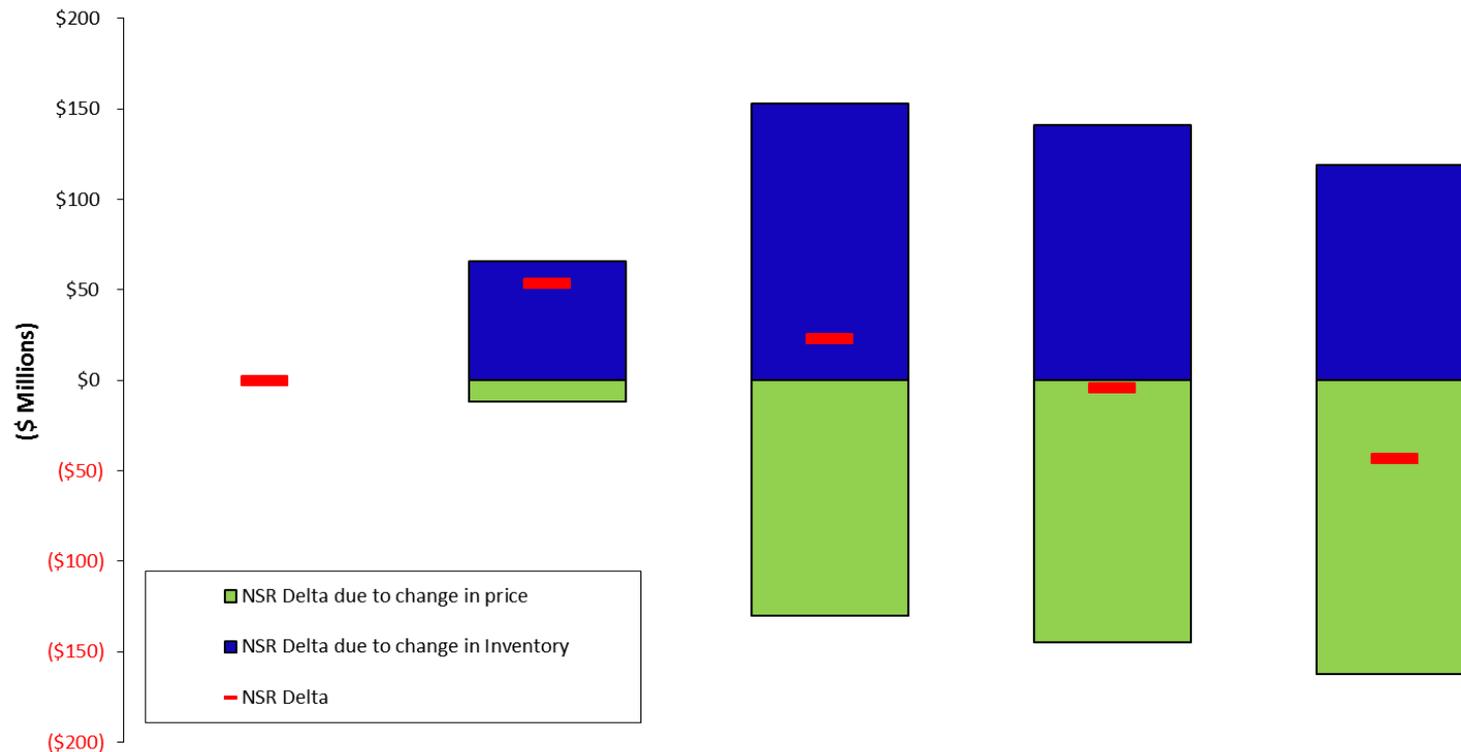
Unit of measure: \$ Thousands

	C	H	K
	FY 2018		
	Rate Case	SOY	DELTA: SOY - Rate Case
Operating Revenues			
1 Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,592,707	\$ 2,603,367	\$ 10,660
2 Bookout Adjustment to Sales	-	-	-
3 Miscellaneous Revenues	28,504	28,383	(121)
4 Inter-Business Unit	108,430	113,642	5,212
5 U.S. Treasury Credits	97,772	97,772	-
6 Total Operating Revenues	2,827,413	2,843,164	15,751
Operating Expenses			
Power System Generation Resources			
Operating Generation Resources			
7 Columbia Generating Station	270,146	270,262	116
8 Bureau of Reclamation	164,609	164,609	()
9 Corps of Engineers	256,057	256,057	
10 Long-term Contract Generating Projects	12,595	12,754	159
11 Operating Generation Settlement Payment	22,612	22,612	()
12 Non-Operating Generation	1,500	1,500	-
13 Gross Contracted Power Purchases and Aug Power Purchases	100,634	100,534	(100)
14 Bookout Adjustment to Power Purchases	-	-	-
15 Residential Exchange/IOU Settlement Benefits <Note 2	241,313	241,794	480
16 Renewables	38,332	38,332	
17 Generation Conservation	126,267	129,027	2,760
18 Subtotal Power System Generation Resources	1,234,066	1,237,481	3,415
19 Power Services Transmission Acquisition and Ancillary Services	215,045	216,828	1,783
20 Power Non-Generation Operations	90,411	91,599	1,187
21 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	321,821	321,821	
BPA Internal Support			
22 Additional Post-Retirement Contribution	14,962	13,883	(1,079)
23 Agency Services G&A	64,391	65,088	697
24 Other Income, Expenses & Adjustments	(128,728)	(10,000)	118,728
25 Non-Federal Debt Service	490,562	258,344	(232,218)
26 Depreciation & Amortization	230,888	230,888	-
27 Total Operating Expenses	2,533,417	2,425,931	(107,487)
28 Net Operating Revenues (Expenses)	293,995	417,233	123,238
Interest Expense and (Income)			
29 Interest Expense	105,435	85,763	(19,672)
30 AFUDC	(8,379)	(9,420)	(1,041)
31 Interest Income	(1,483)	(520)	963
32 Net Interest Expense (Income)	95,572	75,823	(19,749)
33 Net Revenues (Expenses)	\$ 198,423	\$ 341,411	\$ 142,988

Report ID: 0064FY17 **Power Services Detailed Statement of Revenues by Product** Run Date\Time: October 26, 2017 07:56
 Requesting BL: POWER BUSINESS UNIT Through the Month Ended September 30, 2017 Data Source: EPM Data Warehouse
 Unit of Measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 100%

	FY 2017		FY 2017	FY 2017
	Rate Case	SOY Budget	Actuals	Actuals per Rate Case
Operating Revenues				
Gross Sales (excluding bookout adjustment)				
PF Tier 1 Revenues				
Load Following				
1 Composite	\$ 1,137,697	\$ 1,133,577	\$ 1,113,949	98%
2 Non-Slice	(169,629)	(168,518)	(165,662)	98%
3 Load Shaping	8,259	(8,756)	19,127	232%
4 Demand	48,763	47,608	47,435	97%
5 Discounts / Fees	(53,702)	(49,260)	(50,738)	94%
6 RSS / RSC	1,601	1,597	(811)	-151%
7 REP Refund	(33,152)	(33,095)	(33,095)	100%
8 Other	-	-	(156)	0%
9 Sub-Total: Load Following	939,836	923,154	930,049	99%
Block				
10 Composite	640,651	628,595	628,436	98%
11 Non-Slice	(95,276)	(93,447)	(93,424)	98%
12 Load Shaping	3,305	3,360	4,558	138%
13 Demand	-	-	-	0%
14 Discounts / Fees	(5,693)	(5,693)	(5,693)	100%
15 RSS / RSC	-	-	-	0%
16 REP Refund	(21,493)	(21,449)	(21,449)	100%
17 Other	-	-	(118)	0%
18 Sub-Total: Block	521,494	511,366	512,311	98%
Slice				
19 Composite	662,493	658,897	658,897	99%
20 Slice	-	-	-	0%
21 Discounts / Fees	(3,216)	(3,216)	(3,485)	108%
22 REP Refund	(21,892)	(21,994)	(21,994)	100%
23 Other	-	-	-	0%
24 Sub-Total: Slice	637,386	633,687	633,418	99%
25 PF Tier 2 Revenues	27,509	27,424	27,875	101%
26 NR Revenues	356	-	(555)	-256%
27 IP Revenues	33,413	8,099	11,087	33%
28 FPS Revenues	364,599	368,774	398,869	109%
29 Other Revenues	35,750	24,960	26,782	75%
30 Gross Sales (excluding bookout adjustment)	2,560,343	2,497,464	2,539,837	99%
31 Bookout Adjustment to Sales	-	-	(21,453)	0%
32 Miscellaneous Revenues	29,580	29,924	29,466	100%
33 Inter-Business Unit	115,750	118,991	114,993	99%
34 U.S. Treasury Credits	92,386	95,236	58,328	63%
35 Total Operating Revenues	2,798,058	2,741,615	2,721,171	97%

FY 2017 - Net Secondary Revenue (NSR) Delta Analysis Compared to Rate Case

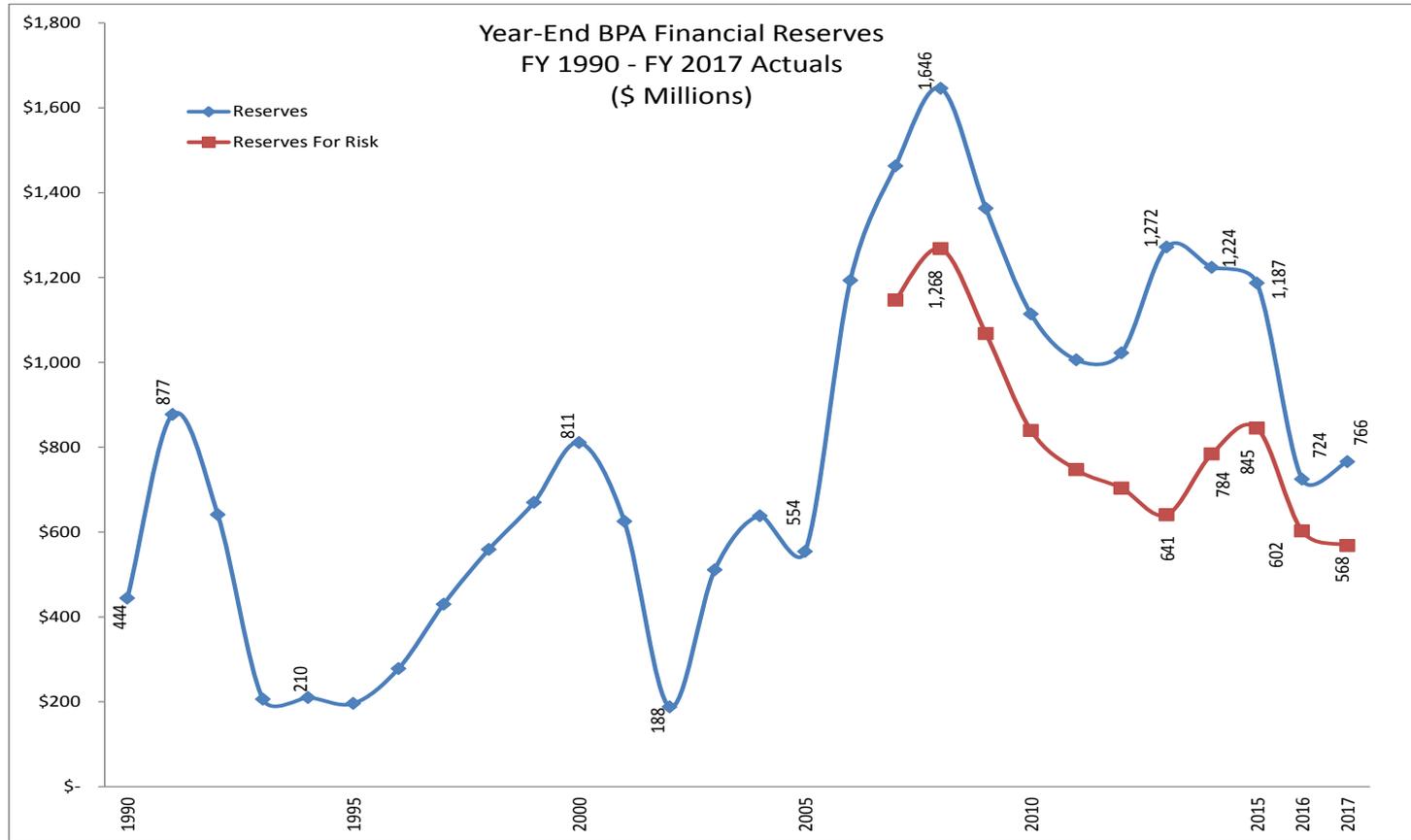


	Rate Case	Q1	Q2	Q3	EOY*
NSR (\$M)	\$310	\$364	\$333	\$306	\$267
Water Supply Oct-Sept (MAF)	132	135	170	176	170
Flat Mid C Price (\$/MWh)	\$26.43	\$25.72	\$21.48	\$19.58	\$21.20

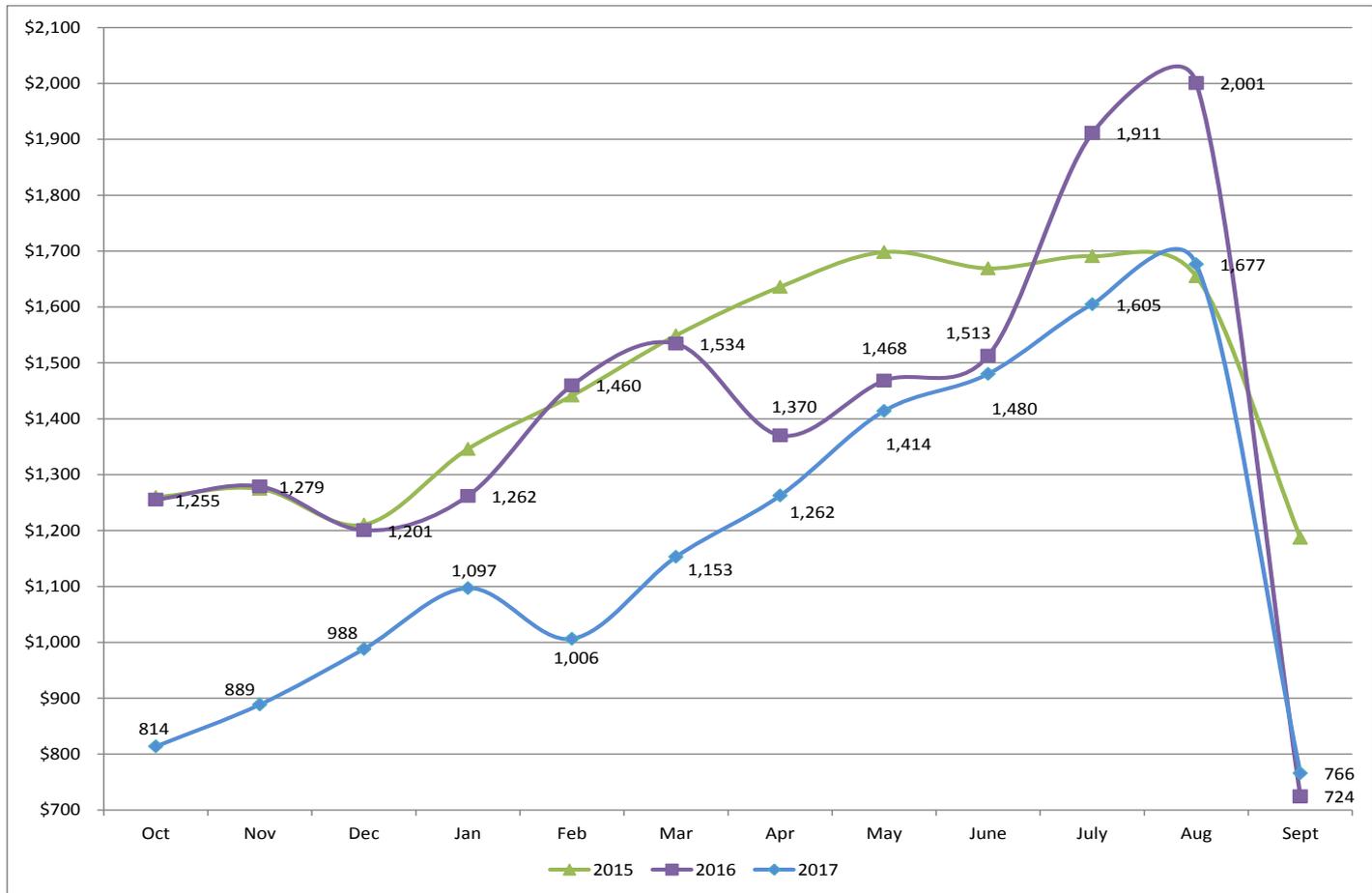
*End of year net secondary revenues are also down due to a two-week forced outage at the Columbia Generating Station.

Financial Reserves

Reserves as of the end of September are \$766 million



BPA Financial Reserves FY 1989 – FY 2017



Q3 - End of FY17 Reserves Forecast

End of FY17 Reserves

(\$ Millions)	Split		
	Power	Trans	Total
Total Reserves	139	474	612
Less: Reserves Not for Risk	128	63	190
Reserves Available for Risk Forecast	11	411	422

(\$ Millions)	Split		
	Power	Trans	Total
Total Reserves	228	538	766
Less: Reserves Not for Risk	123	75	198
Reserves Available for Risk Forecast	105	463	568

FY 2017 Capital Financial Results & FY 2018 Start-of-Year Budget



Report ID: 0027FY17	BPA Statement of Capital Expenditures	Run Date/Run Time: October 26, 2017/ 06:22
Requesting BL: CORPORATE BUSINESS UNIT	FYTD Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of Measure: \$Thousands	Preliminary Unaudited	% of Year Elapsed = 100%

		A	B	C	D	E
		FY 2017		FY 2017	FY 2017	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit						
1	MAIN GRID	\$ 41,850	\$ 15,551	\$ 17,118	41%	110%
2	AREA & CUSTOMER SERVICE	68,086	55,194	47,430	70%	86%
3	SYSTEM REPLACEMENTS	309,943	322,708	292,162	94%	91%
4	UPGRADES & ADDITIONS	78,677	74,662	66,913	85%	90%
5	ENVIRONMENT CAPITAL	7,779	7,041	9,000	116%	128%
	PFIA					
6	MISC. PFIA PROJECTS	18,385	6,559	6,640	36%	101%
7	GENERATOR INTERCONNECTION	9,679	136	307	3%	225%
8	SPECTRUM RELOCATION	1,983	465	546	28%	118%
9	CAPITAL INDIRECT, undistributed		-	(26)	0%	0%
10	TOTAL Transmission Business Unit	536,381	482,316	440,089	82%	91%
Power Business Unit						
11	BUREAU OF RECLAMATION <Note 1	49,642	39,545	39,041	79%	99%
12	CORPS OF ENGINEERS <Note 1	167,631	158,525	167,830	100%	106%
13	POWER INFORMATION TECHNOLOGY	5,000	5,969	4,336	87%	73%
14	FISH & WILDLIFE <Note 2	44,602	21,000	5,402	12%	26%
15	TOTAL Power Business Unit	266,875	225,039	216,608	81%	96%
Corporate Business Unit						
16	CORPORATE BUSINESS UNIT	15,460	8,020	5,391	35%	67%
17	UNALLOCATED HEADROOM <Note 3	-	-	-	0%	0%
18	TOTAL Corporate Business Unit	15,460	8,020	5,391	35%	67%
19	TOTAL BPA Capital Expenditures	\$ 818,716	\$ 715,375	\$ 662,089	81%	93%

< 1 Excludes projects funded by federal appropriations.
 < 2 Amounts are reported as regulatory assets and not utility plant
 < 3 Current rates assume that BPA's capital investment program contains \$56 million in unallocated funding known as headroom.

Report ID: 0028ASFY17 **BPA Statement of Capital Expenditures by Asset Category** Run Date/Run Time: October 17, 2017/ 07:49
 Requesting BL: CORPORATE BUSINESS UNIT FYTD Through the Month Ended September 30, 2017 Data Source: EPM Data Warehouse via Analysis Services
 Unit of Measure: \$Thousands Preliminary Unaudited % of Year Elapsed = 100%

		A	B	C	D	E	F
		FY 2017			FY 2017	FY 2017	
		Rate Case	SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit							
Transmission Asset Category							
1	Expand	240,208	150,832	118,134	109,391	73%	93%
2	Sustain	240,406	285,123	298,433	274,878	96%	92%
3	Transmission Asset Category Sub-Total		480,614	435,955	416,567	88%	92%
4	PFIA Expand	19,357	30,046	7,160	7,493	25%	105%
Facilities Asset Category							
5	Expand		32,399	25,230	20,469	63%	81%
6	Sustain	19,144	5,116	4,910	3,198	63%	65%
7	Facilities Asset Category Sub-Total		19,144	37,514	30,139	63%	79%
8	IT Asset Category Expand	3,646	5,382	2,043	1,600	30%	78%
9	Security Function Sustain	9,769	11,368	10,910	8,644	76%	79%
10	Fleet Function Sustain	10,065	8,336	8,455	5,442	65%	64%
11	Environment Function Sustain	6,710	7,779	7,041	9,000	116%	128%
12	Capital Indirect	-		-	(26)	0%	0%
13	TOTAL Transmission Business Unit		549,305	536,381	482,316	82%	91%
Power Business Unit							
14	Bureau of Reclamation Sustain	92,222	49,642	39,545	39,041	79%	99%
15	Corps of Engineers Expand				25	0%	0%
16	Corps of Engineers Sustain	149,686	167,631	158,525	167,805	100%	106%
17	Fed Hydro Sub-Total		241,908	217,273	198,070	95%	104%
18	Generation Conservation Sustain				(1)	0%	0%
19	Fish and Wildlife Fish and Wildlife	30,795	44,602	21,000	5,402	12%	26%
20	IT Asset Category Expand	4,547	5,000	5,969	4,337	87%	73%
21	TOTAL Power Business Unit		277,250	266,875	225,039	81%	96%
Corporate Business Unit							
22	Facilities Asset Category Sustain	2,170			26	0%	0%
23	Unallocated Headroom Expand	56,000				0%	0%
24	IT Asset Category Expand	10,865	5,000	3,529	2,482	50%	70%
25	Sustain	8,386	10,460	4,491	2,883	28%	64%
26	IT Asset Category Sub-Total		19,251	15,460	8,020	35%	67%
27	TOTAL Corporate Business Unit		77,421	15,460	8,020	35%	67%
28	TOTAL BPA Capital Expenditures		\$ 903,976	\$ 818,716	\$ 715,375	\$ 662,089	81% 93%
29	TOTAL Expand		334,623	228,659	162,065	145,796	64% 90%
30	TOTAL Sustain		538,558	545,455	532,310	510,917	94% 96%
31	TOTAL Fish and Wildlife		30,795	44,602	21,000	5,402	12% 26%
32	TOTAL Other		-		-	(26)	0% 0%
33	TOTAL BPA Capital Expenditures		\$ 903,976	\$ 818,716	\$ 715,375	\$ 662,089	81% 93%

< 1 Excludes projects funded by federal appropriations.
 < 2 Amounts are reported as regulatory assets and not utility plant
 All amounts are fully loaded
 < 3 Current rates assume that BPA's capital investment program contains \$56 million in unallocated funding known as headroom.
 Actual headroom spending will not be realized.

Report ID: 0027FY17	QBR Forecast Analysis: BPA Capital Expenditures	Run Date/Run Time: October 26, 2017 06:22
Requesting BL: CORPORATE BUSINESS UNIT	FYTD Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of Measure: \$Thousands	Preliminary Unaudited	% of Year Elapsed = 100%

		A	B	C
		FY 2017		FY 2017
		Rate Case	Actuals: FYTD	EOY Actuals - Rate Case
Transmission Business Unit				
1	MAIN GRID	\$ 172,624	\$ 17,118	\$ (155,506)
2	AREA & CUSTOMER SERVICE	13,458	47,430	33,972
3	SYSTEM REPLACEMENTS	275,051	292,162	17,111
4	UPGRADES & ADDITIONS	62,105	66,913	4,808
5	ENVIRONMENT CAPITAL	6,710	9,000	2,290
	PFIA	-	-	-
6	MISC. PFIA PROJECTS	6,452	6,640	187
7	GENERATOR INTERCONNECTION	12,904	307	(12,597)
8	SPECTRUM RELOCATION	-	546	546
9	CAPITAL INDIRECT, undistributed	-	(26)	(26)
10	TOTAL Transmission Business Unit	549,305	440,089	(109,216)
Power Business Unit				
11	BUREAU OF RECLAMATION <Note 1	92,222	39,041	(53,181)
12	CORPS OF ENGINEERS <Note 1	149,686	167,830	18,143
13	POWER INFORMATION TECHNOLOGY	4,547	4,336	(212)
14	FISH & WILDLIFE <Note 2	30,795	5,402	(25,393)
15	TOTAL Power Business Unit	277,250	216,608	(60,642)
Corporate Business Unit				
16	CORPORATE BUSINESS UNIT	21,421	5,391	(16,030)
17	UNALLOCATED HEADROOM <Note 3	56,000	-	(56,000)
18	TOTAL Corporate Business Unit	77,421	5,391	(72,030)
19	TOTAL BPA Capital Expenditures	\$ 903,976	\$ 662,089	\$ (241,887)

Report ID: 0097FY17
 Requesting BL: CORPOR/
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 For IPR Budgetary Review

In Time: October 26, 2017/ 08:05
 ta Source: EPM Data Warehouse

E
FY 2018
SOY

Transmission Business Unit		
1	MAIN GRID	\$ 14,189
2	AREA & CUSTOMER SERVICE	91,937
3	SYSTEM REPLACEMENTS	306,627
4	UPGRADES & ADDITIONS	53,214
5	ENVIRONMENT CAPITAL	7,345
	<u>PFIA</u>	
6	MISC. PFIA MISC. PFIA PROJECTS	39,192
7	GENERATOR INTERCONNECTION	31,346
8	SPECTRUM RELOCATION	1,726
9	CAPITAL INDIRECT	
10	TOTAL Transmission Business Unit	545,577
Power Business Unit		
11	BUREAU OF RECLAMATION L2	52,853
12	CORPS OF ENGINEERS L2	157,209
13	GENERATION CONSERVATION	-
14	POWER INFORMATION TECHNOLOGY	5,000
15	FISH & WILDLIFE	50,532
16	TOTAL Power Business Unit	265,594
Corporate Business Unit		
17	CORPORATE BUSINESS UNIT	16,500
18	TOTAL Corporate Business Unit	16,500
19	TOTAL BPA Capital Expenditures	\$ 827,671

Capital Project Status Report

Dennis Naef
Asset Strategist



Major Capital Projects¹ - End-of-Project Target Performance Q3 2017

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Transmission						
Sustain Steel Program Defective Damper Replacements	Replace approximately 1,700 miles of defective PPI spacer dampers.	\$ 34.4	\$ 33.5	\$ 30.1	9/30/14	12/28/18
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	\$ 51.8	\$ 51.3	12/31/13	6/30/19
Fleet Mobile Equipment Replacement FY14-16	Heavy duty and specialized vehicle replacement program for FY14-16	\$ 16.4	\$ 13.2	\$ 12.3	9/30/16	7/30/17
Fleet Mobile Equipment Replacement FY17-19	Heavy duty and specialized vehicle replacement program for FY17-19	\$ 17.2	\$ 17.2	\$ 0.0	9/30/19	9/30/19
#KC SONET Phase II Spur Healing	Complete the digital microw ave and radio conversion in Oregon.	\$ 18.0	\$ 13.4	\$ 13.3	12/31/15	12/30/19
#NC Analog Microwave Replacement	Complete the digital microw ave and radio conversion in NW Washington.	\$ 9.5	\$ 9.2	\$ 8.3	12/31/15	10/1/20
NEPA - I-5 Corridor Reinforcement	Conduct NEPA study, preliminary engineering and design.	\$ 85.0	\$ 91.3	\$ 90.6	12/31/15	6/30/17
Big Eddy - Knight (West of McNary Reinforcement Group 2)	New 500 kV substation and 28 miles of 500 kV transmission line.	\$ 180.0	\$ 194.8	\$ 194.4	11/30/14	11/30/17
Ross - Schultz Fiber Replacement	Replace the obsolete and limited 36 strand fiber w ith standard 72 strand fiber.	\$ 34.0	\$ 36.6	\$ 18.4	9/15/17	11/16/20
#DC Microwave Analog Spur Replacement	Complete the digital microw ave and radio conversion in Northeast Washington.	\$ 39.5	\$ 35.8	\$ 35.2	8/30/17	7/15/18
P25 Two-Way Mobile Radio Upgrade	Replace and upgrade the mobile radio system to P25 technology.	\$ 64.5	\$ 58.9	\$ 15.3	9/30/17	12/22/25
Puget Sound Area Northern Intertie (PSANI) Memorandum of Agreement	Install a 500/230 kV transformer bank addition at Raver Substation.	\$ 56.4	\$ 38.4	\$ 28.8	9/30/16	12/2/18
Lower Valley Area Reinforcement (Hooper Springs)	Construct substation and 24 miles of line to address reliability issues in the Lower Valley Area.	\$ 63.8	\$ 67.7	\$ 22.5	9/30/17	12/30/18
#JC Microwave Upgrade	Complete the digital conversion for the #JC communications ring.	\$ 13.5	\$ 13.6	\$ 10.4	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	\$ 19.7	3/30/17	9/29/20
Paul Substation Shunt Reactor Addition	Install an additional reactor in the Portland area for voltage control.	\$ 9.5	\$ 14.5	\$ 12.5	4/30/16	6/15/18
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	\$ 19.6	\$ 5.5	10/15/18	1/31/19
PMU Additions FY15-17	Install additional phasor measurement units to monitor system performance to comply with NERC/WECC standards.	\$ 7.6	\$ 8.1	\$ 7.4	9/30/2018 and milestones	10/27/17
Midway-Grandview No. 1 Line Upgrade	Rebuild 25 mile line to avoid risk of thermal overload.	\$ 18.6	\$ 10.1	\$ 6.4	4/30/18	4/30/18
Kalispell - Hot Springs Fiber	Install fiber optic cable and associated SONET, RAS and transfer trip equipment.	\$ 7.9	\$ 7.7	\$ 0.1	6/30/19	6/30/19
Sundial Land Acquisition	Purchase property for future expansion near the existing Troutdale Substation.	N/A ⁴	N/A ⁴	\$ 0.1	9/30/17	12/31/17
Quenett Creek Substation L0380	Construct new substation and associated line work to serve additional N. Wasco PUD load.	\$ 39.8	\$ 39.0	\$ 0.5	6/30/19	6/30/19

This information has been made publicly available by BPA on 8/2/2017 and contains information not sourced directly from BPA financial statements.

¹ Includes capital projects authorized at the agency level since August 2007

² Direct capital costs exclude AFUDC and overheads

³ Actual costs are project costs to date.

⁴ Contracts have not been awarded - cost estimates are confidential

Major Capital Projects¹ - End-of-Project Target Performance

Q3 2017

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Transmission - continued						
Steel Lines Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$6.0 to \$8.0	\$ 11.4	\$ 4.6	9/30/17	9/30/17
Wood Pole Lines Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$29.0 to \$36.0	\$ 45.2	\$ 19.8	9/30/17	9/30/17
Access Roads Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$16.0 to \$21.0	\$ 21.0	\$ 8.5	9/30/17	9/30/17
Land and Land Rights Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$5.0 to \$7.0	\$ 6.9	\$ 1.6	9/30/17	9/30/17
AC Substations Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$57.0 to \$71.0	\$ 66.2	\$ 21.9	9/30/17	9/30/17
System Telecommunications Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$16.0 to \$20.0	\$ 16.9	\$ 11.6	9/30/17	9/30/17
Power Systems Control Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$13.0 to \$17.0	\$ 17.0	\$ 7.8	9/30/17	9/30/17
System Protection and Control Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$15.0 to \$20.0	\$ 18.6	\$ 9.3	9/30/17	9/30/17
Control Center Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$6.0 to \$8.0	\$ 6.2	\$ 2.6	9/30/17	9/30/17
Federal Hydro						
Grand Coulee and Hungry Horse SCADA Replacement	Replace SCADA systems at Grand Coulee and Hungry Horse.	\$ 46.8	\$ 73.7	\$ 57.3	9/30/15	9/1/20
Grand Coulee Pre Overhaul - Winding Replacement G19, G20	Replace the stator core and windings on units G19 and G20.	\$ 26.3	\$ 26.3	\$ 2.0	5/31/13	12/31/18
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	\$ 14.5	12/2/23	12/31/30
Grand Coulee Exciter Replacements G1-G18	Replace the excitation equipment for all 18 units.	N/A ⁴	N/A ⁴	\$ 0.4	12/2/23	12/31/30
Grand Coulee Governor Replacements G1-G18	Replace the governors and related equipment for all 18 units.	N/A ⁴	N/A ⁴	\$ 0.4	12/2/23	7/2/29
Grand Coulee Transformer Replacements G11-G18	Replace 24 single-phase transformers in the Right Powerhouse.	N/A ⁴	N/A ⁴	\$ 0.5	10/31/18	12/2/24
Grand Coulee - Keys Pump Generating Station - Reliability	Replacements and upgrades to maintain current station capability.	\$ 66.6	\$ 66.3	\$ 12.6	9/30/24	3/31/24
Grand Coulee G22 - G23 Wicket Gate Replacements	Replace the deteriorating wicket gates.	\$ 9.0	\$ 9.0	\$ 4.4	11/1/18	9/29/19
Grand Coulee Firehouse	Build a stand-alone fire station to replace the facility currently housed in the pump-generating plant.	\$ 14.6	\$ 14.6	\$ 3.4	1/1/18	4/30/18

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¹ Includes capital projects authorized at the agency level since August 2007

² Direct capital costs exclude AFUDC and overheads

³ Actual costs are project costs to date.

⁴ Contracts have not been awarded - cost estimates are confidential

Major Capital Projects¹ - End-of-Project Target Performance

Q3 2017

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Federal Hydro - continued						
Grand Coulee Left and Right Powerhouse Cranes	Replace the four bridge cranes in the left and right powerhouses.	N/A ⁴	N/A ⁴	\$ -	6/29/19	6/29/19
Grand Coulee Left and Right Powerhouse Stoplogs	Procure an additional set of stoplogs to support the overhaul work in the left and right powerhouses.	N/A ⁴	N/A ⁴	\$ -	12/31/18	12/31/18
Chief Joseph Turbine Runner Replacements Units 1 - 16	Replace the turbine runners and rehabilitate the turbines on units 1 - 16.	\$ 166.0	\$ 181.9	\$ 174.7	9/30/17	9/4/17
Chief Joseph Governor Replacement	Upgrade the 27 governors with digital controls and replace associated equipment.	\$ 10.7	\$ 10.7	\$ 8.4	8/19/17	10/2/17
The Dalles Transformer Replacements	Replace 7 transformer banks - TA, T1, T3, T5, T6, T7, T8	\$ 37.0	\$ 35.8	\$ 4.3	5/9/19	5/9/19
The Dalles Fish Unit Breaker Replacement	Replace the two fish attraction unit breakers and associated bus work.	N/A ⁴	N/A ⁴	\$ 1.2	9/30/19	5/1/20
McNary Governor Replacement	Upgrade the 14 governors in the McNary powerhouse with digital controls.	N/A ⁴	N/A ⁴	\$ 2.3	1/29/18	4/30/21
McNary 4160/480V Station Service Upgrade	Replace and upgrade the station service distribution system.	\$ 36.0	\$ 45.1	\$ 32.9	12/3/18	12/3/18
McNary Turbine Design and Replacement	Replace turbine runners 1 - 14 and rewind units 5, 13 and 14.	N/A ⁴	N/A ⁴	\$ 4.5	6/30/31	6/30/31
Bonneville Powerhouse 1 Main Unit Breakers and Station Service	Replace oil-filled original equipment breakers and reconfigure and modernize the station service.	\$ 42.0	\$ 36.0	\$ 14.5	4/20/18	3/20/18
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	\$ 32.6	\$ 3.4	12/31/18	7/17/22
John Day Draft Tube Bulkheads and Intake Gates	Purchase two sets of draft tube bulkheads and one set of intake gates for additional de-watering.	\$ 11.9	\$ 9.1	\$ 8.4	9/4/18	10/12/18
John Day Emergency Gantry Crane Replacement	Replace the 348 ton emergency intake gantry crane.	N/A ⁴	N/A ⁴	\$ 0.9	2/1/20	2/1/20
John Day SQ Board Replacements	Replace SQ and SU electrical boards, switchgear and related equipment.	N/A ⁴	N/A ⁴	\$ 0.8	8/1/22	8/1/22
Dworshak U3 Stator and Coolers	Replace the winding, core and air coolers.	\$ 18.2	\$ 14.7	\$ 7.0	6/1/17	7/4/18
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	\$ 41.9	3/31/20	3/31/20
Ice Harbor Stator Winding Replacements	Replace the stator windings for units 1,2 and 3.	N/A ⁴	N/A ⁴	\$ 3.0	3/31/20	9/1/20
Lower Granite U1 Linkage Upgrade	Upgrade the U1 turbine linkage to restore full Kaplan capability.	\$ 7.6	\$ 8.0	\$ 5.8	9/9/16	7/30/17
Lower Monumental U1 Linkage Refurbishment	Refurbish turbine linkage and rewind generator.	\$ 14.8	\$ 16.8	\$ 10.1	3/1/16	2/19/18
Hungry Horse Crane Replacements	Replace two powerhouse bridge cranes, forebay gantry crane, machine shop crane and valve house crane.	N/A ⁴	N/A ⁴	\$ 0.6	9/30/20	10/30/20
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	9/1/21
Black Canyon Switchyard Replacement	Replace and relocate the switchyard.	N/A ⁴	N/A ⁴	\$ -	5/1/19	4/23/21

This information has been made publicly available by BPA on 8/2/2017 and contains information not sourced directly from BPA financial statements.

¹Includes capital projects authorized at the agency level since August 2007

²Direct capital costs exclude AFUDC and overheads

³Actual costs are project costs to date.

⁴Contracts have not been awarded - cost estimates are confidential

Major Capital Projects¹ - End-of-Project Target Performance Q3 2017

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Federal Hydro - continued						
Palisades Turbine Rehabilitation and Runner Replacement	Replace the turbine runners and rehabilitate the turbines on the four Palisades units.	\$ 28.8	\$ 30.2	\$ 29.9	5/31/16	TBD
Willamette Valley and Lost Creek GDACS	Install Generic Data Acquisition and Control Systems to replace existing SCADA systems.	\$ 9.0	\$ 9.0	\$ 5.3	1/1/20	1/1/20

Facilities						
Ross HMEM Garage	Construct a Heavy Mobile Equipment Mechanic facility on the Ross Complex.	N/A ⁴	N/A ⁴	\$ 0.0	12/31/19	12/31/19
Ross Maintenance Headquarters	Construct a maintenance HQ office building, high-bay structure and lay-down storage area on the Ross complex.	\$ 20.6	\$ 20.0	\$ 14.4	12/31/17	10/23/17

Summary			
Transmission	\$ 1,003.7	\$ 1,027.3	\$ 670.8
Federal Hydro	681.6	716.8	462.5
Facilities	20.6	20.0	14.4
Total	\$ 1,705.9	\$ 1,764.1	\$ 1,147.7

This information has been made publicly available by BPA on 8/2/2017 and contains information not sourced directly from BPA financial statements.

¹ Includes capital projects authorized at the agency level since August 2007

² Direct capital costs exclude AFUDC and overheads

³ Actual costs are project costs to date.

⁴ Contracts have not been awarded - cost estimates are confidential

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

Janice Johnson
Accountant

Jenny Hurlburt
Public Utilities Specialist



FY 2017 Slice True-Up Adjustment

	FY 2017 Forecast \$ in thousands
January 31, 2017 First Quarter Business Review	\$(2,381)*
May 2, 2017 Second Quarter Business Review	\$(5,458)*
Aug 1, 2017 Third Quarter Business Review	\$(8,897)*
October 31, 2017 Fourth Quarter Business Review	\$(10,442)*
Actual Slice True-Up Adjustment Charge/Credit	

*Negative = Credit; Positive = Charge

Summary of Differences From Q4 to FY 17(BP-16)

#		Composite Cost Pool True-Up Table Reference	QTR4 – Rate Case \$ in thousands
1	Total Expenses	Row 103	\$(487,218)
2	Total Revenue Credits	Rows 123 + 132	\$(48,783)
3	Minimum Required Net Revenue	Row 150	\$400,327
4	TOTAL Composite Cost Pool (1 - 2 + 3) \$(487,218)-\$(48,783)+\$400,327 = \$(38,109)	Row 155	\$(38,109)
5	TOTAL in line 4 divided by <u>0.9714935</u> sum of TOCAs \$(38,109) / <u>0.9714935</u> = \$(39,227)	Row 157	\$(39,227)
6	QTR Forecast of FY 17 True-up Adjustment 26.61865 percent of Total in line 5 0.2661865* \$(39,227) = \$(10,442)	Row 158	\$(10,442)

FY17 Impacts of Debt Management Actions

#	Description	FY17 Q4 QBR	CCP	Delta from the FY17 rate case
1	Expense Offset			
2	FY17 Energy Efficiency offset	\$ (67,685,000)		
3	2017 DSR ^{Note 1}	\$ (30,706,189)		\$ (30,706,189)
4	Total Expense Offset	\$ (98,391,189)	row 80	
5	<u>MRNR Section of Composite Cost Pool Table</u>			
6	Principal Payment of Federal Debt			
7	2017 Regional Cooperation Debt (RCD)	\$ 116,552,518		\$ 116,552,518
8	2017 Debt Service Reassignment (DSR)	\$ 30,706,189		\$ 30,706,189
9	Prepay	\$ 81,611,293		\$ 81,611,293
10	Energy Northwest's Line Of Credit (LOC)	\$ 458,342,000		\$ 458,342,000
11	Rate Case Amount of scheduled Power Principal	\$ 109,429,000		
12	Total Principal Payment of Fed Debt ^{Note 2}	\$ 796,641,000	row 135	
13	Principal Payment of Non-Federal Debt (Energy Northwest 2016	\$ 249,066,000	row 136	\$ 249,066,000
14	Customer Proceeds ^{Note 3}	\$ 81,611,293	row 143	\$ (81,611,293)
15	Non-Cash Expenses ^{Note 3}	\$ 458,342,000	row 142	\$ (458,342,000)
16	Energy Northwest Debt Service			
17	COLUMBIA GENERATING STATION DEBT SVC	\$ 116,938,147	row 83	\$ (10,527,720)
18	WNP-1 DEBT SVC	\$ 34,033,092	row 84	\$ (167,771,059)
19	WNP-3 DEBT SVC	\$ 58,832,135	row 85	\$ (197,499,693)

Note 1: We placed the DSR in the Expense Offset per the BP-16 rate case.

Note 2: At year end, the final number will match the appropriation payment number in the Final Amortization Plan for Power

Note 3: The Customer Proceeds and Non-Cash Expenses are subtracted from the payments in the MRNR section

Composite Cost Pool Interest Credit

Allocation of Interest Earned on the Bonneville Fund (\$ in thousands)

Q4 2017

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	0.67%
5	Composite Interest Credit	(3,792)
6	Prepay Offset Credit	(50)
7	Total Interest Credit for Power Services	(3,065)
8	Non-Slice Interest Credit (Line 7 – (Line 5 + Line 6))	778

Net Interest Expense in Slice True-Up Forecast

	FY17 Rate Case	Q4 Forecast
	<u>(\$ in thousands)</u>	<u>(\$ in thousands)</u>
• Federal Appropriation	186,051	116,233
• Capitalization Adjustment	(45,937)	(45,937)
• Borrowings from US Treasury	69,299	53,443
• Prepay Interest Expense	12,469	12,469
• Interest Expense	221,882	136,208
• AFUDC	(11,360)	(11,465)
• Interest Income (composite)	(15,226)	(3,792)
• Prepay Offset Credit	(0)	(50)
• Total Net Interest Expense	195,296	120,900

Appendix



Report ID: 0020FY17 **FCRPS Summary Statement of Revenues and Expenses** Run Date/Run Time: October 26,2017/ 06:11
 Requesting BL: CORPORATE BUSINESS UNIT Through the Month Ended September 30, 2017 Data Source: EPM Data Warehouse
 Unit of measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 100%

	B	C	D <Note 1	E
	FY 2016	FY 2017		FY 2017
	Actuals	SOY Budget	Current EOY Forecast	Actuals: FYTD
Operating Revenues				
1 Gross Sales (excluding bookout adjustment) <Note 3	\$ 3,305,572	\$ 3,420,217	\$ 3,452,145	\$ 3,461,945
2 Bookout adjustment to Sales	(22,064)	-	(13,423)	(21,453)
3 Miscellaneous Revenues	71,913	72,355	74,001	70,957
4 U.S. Treasury Credits	77,228	95,236	63,817	58,328
5 Total Operating Revenues	3,432,649	3,587,808	3,576,540	3,569,777
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
6 Columbia Generating Station	258,587	319,053	318,498	317,646
7 Bureau of Reclamation	132,756	157,621	154,621	148,390
8 Corps of Engineers	237,966	250,981	243,981	247,048
9 Long-term Contract Generating Projects	20,455	15,546	11,735	11,225
10 Operating Generation Settlement Payment	17,496	22,234	16,667	16,667
11 Non-Operating Generation	1,239	1,482	1,035	743
12 Gross Contracted Power Purchases and Augmentation Power Purch	133,893	86,812	120,041	169,045
13 Bookout Adjustment to Power Purchases	(22,064)	-	(13,423)	(21,453)
14 Exchanges & Settlements <Note 3	218,717	219,003	219,003	219,265
15 Renewables	36,244	40,531	40,123	32,234
16 Generation Conservation	123,484	131,614	122,861	117,407
17 Subtotal Power System Generation Resources	1,158,774	1,244,877	1,235,141	1,258,217
18 Power Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	61,473	91,845	96,735	83,801
19 Power Services Non-Generation Operations	78,653	91,053	77,676	77,169
20 Transmission Operations	145,216	167,501	153,386	144,518
21 Transmission Maintenance	157,455	169,824	164,891	166,929
22 Transmission Engineering	51,168	57,929	52,054	53,240
23 Trans Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	13,856	30,873	26,247	25,921
24 Transmission Reimbursables	15,376	9,922	9,923	10,704
25 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	296,587	317,940	300,838	290,612
BPA Internal Support				
26 Additional Post-Retirement Contribution	34,183	35,671	29,530	27,026
27 Agency Services G&A	131,375	133,756	123,360	121,727
28 Other Income, Expenses & Adjustments	(7,161)	(38,288)	914	(1,721)
29 Non-Federal Debt Service	249,246	245,187	242,413	241,255
30 Depreciation & Amortization	471,118	490,550	486,620	484,974
31 Total Operating Expenses	2,857,318	3,048,640	2,999,728	2,984,373
32 Net Operating Revenues (Expenses)	575,331	539,168	576,812	585,405
Interest Expense and (Income)				
33 Interest Expense	353,834	293,757	285,902	285,988
34 AFUDC	(40,304)	(35,702)	(30,890)	(33,042)
35 Interest Income	(15,362)	(9,070)	(5,803)	(6,109)
36 Net Interest Expense (Income)	298,169	248,985	249,210	246,836
37 Net Revenues (Expenses)	\$ 277,161	\$ 290,183	\$ 327,602	\$ 338,569
38 Transmission Net Revenues (Expenses)	101,902	41,619	76,700	90,453
39 Power Net Revenues (Expenses)	182,805	268,125	259,104	255,990
40 Net Revenue Modifications <Note 4	(315,646)	(343,042)	(343,042)	(341,027)
41 Adjusted Net Revenues	\$ (30,939)	\$ (33,297)	\$ (7,237)	\$ 5,417

<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.
 <4 Adjusted Net Revenues is a non-GAAP metric designed to report net revenues after removing the effect of certain debt management actions not considered to be related to ongoing FCRPS operations.

Report ID: 0060FY17 **Power Services Detailed Statement of Revenues and Expenses** Run Date\Time: October 26, 2017 06:12
 Requesting BL: POWER BUSINESS UNIT Through the Month Ended September 30, 2017 Data Source: EPM Data Warehouse
 Unit of Measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2016	FY 2017			FY 2017	FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Operating Revenues						
1 Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,402,364	\$ 2,560,343	\$ 2,497,464	\$ 2,537,022	\$ 2,539,837	100%
2 Bookout Adjustment to Sales	(22,064)	-	-	(13,423)	(21,453)	160%
3 Miscellaneous Revenues	27,880	29,580	29,924	30,739	29,466	96%
4 Inter-Business Unit	115,354	115,750	118,991	114,737	114,993	100%
5 U.S. Treasury Credits	77,228	92,386	95,236	63,817	58,328	91%
6 Total Operating Revenues	2,600,762	2,798,058	2,741,615	2,732,891	2,721,171	100%
Operating Expenses						
Power System Generation Resources						
Operating Generation						
7 COLUMBIA GENERATING STATION	258,587	322,473	319,053	318,498	317,646	100%
8 BUREAU OF RECLAMATION	132,756	158,121	157,621	154,621	148,390	96%
9 CORPS OF ENGINEERS	237,966	250,981	250,981	243,981	247,048	101%
10 LONG-TERM CONTRACT GENERATING PROJECTS	20,455	17,034	15,546	11,735	11,225	96%
11 Sub-Total	649,764	748,609	743,201	728,835	724,309	99%
Operating Generation Settlements and Other Payments						
12 COLVILLE GENERATION SETTLEMENT	17,496	19,651	22,234	16,667	16,667	100%
13 Sub-Total	17,496	19,651	22,234	16,667	16,667	100%
Non-Operating Generation						
14 TROJAN DECOMMISSIONING	734	800	1,000	571	280	49%
15 WNP-1&3 O&M	506	1,063	482	464	464	100%
16 Sub-Total	1,239	1,863	1,482	1,035	743	72%
Gross Contracted Power Purchases (excluding bookout adjustments)						
17 PNCA HEADWATER BENEFITS	2,297	3,000	3,100	2,480	3,427	138%
18 PURCHASES FOR SERVICE AT TIER 2 RATES	22,057	26,582	24,382	26,582	26,580	100%
19 OTHER POWER PURCHASES - (e.g. Short-Term)	109,540	52,261	59,330	90,979	139,037	153%
20 Sub-Total	133,893	81,843	86,812	120,041	169,045	141%
21 Bookout Adjustments to Contracted Power Purchases	(22,064)	-	-	(13,423)	(21,453)	160%
Augmentation Power Purchases						
22 AUGMENTATION POWER PURCHASES	-	20,947	-	-	-	0%
23 Sub-Total	-	20,947	-	-	-	0%
Exchanges & Settlements						
24 RESIDENTIAL EXCHANGE PROGRAM <Note 2	218,717	219,003	219,003	219,003	219,265	100%
25 Sub-Total	218,717	219,003	219,003	219,003	219,265	100%
Renewable Generation						
26 RENEWABLES	36,284	41,641	40,623	40,123	32,280	80%
27 Sub-Total	\$ 36,284	\$ 41,641	\$ 40,623	\$ 40,123	\$ 32,280	80%

Report ID: 0060FY17	Power Services Detailed Statement of Revenues and Expenses	Run Date\Time: October 26, 2017 06:12
Requesting BL: POWER BUSINESS UNIT	Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2016	FY 2017			FY 2017	FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Generation Conservation						
28 DSM TECHNOLOGY	\$ -	\$ -	\$ -	\$ -	\$ -	0%
29 CONSERVATION PURCHASES	76,758	-	76,323	74,323	72,548	98%
30 CONSERVATION INFRASTRUCTURE	22,826	104,702	26,925	22,351	20,437	91%
31 DR & SMART GRID	947	1,245	1,550	931	729	78%
32 LOW INCOME ENERGY EFFICIENCY	5,361	5,422	5,422	5,422	5,415	100%
33 REIMBURSABLE ENERGY EFFICIENCY DEVELOPMENT	4,812	7,000	8,000	6,824	5,586	82%
34 LEGACY	566	605	590	590	581	98%
35 MARKET TRANSFORMATION	12,213	12,691	12,803	12,419	12,117	98%
36 CONSERVATION RATE CREDIT (CRC)	-	-	-	-	-	0%
37 Sub-Total	123,484	131,665	131,614	122,861	117,413	96%
38 Power System Generation Sub-Total	1,158,813	1,265,221	1,244,969	1,235,141	1,258,268	102%
Power Non-Generation Operations						
Power Services System Operations						
39 INFORMATION TECHNOLOGY	5,904	5,910	7,198	5,716	5,822	102%
40 GENERATION PROJECT COORDINATION	5,894	7,845	6,296	5,765	6,082	105%
41 SLICE IMPLEMENTATION	810	1,131	953	499	502	101%
42 Sub-Total	12,608	14,886	14,447	11,981	12,407	104%
Power Services Scheduling						
43 OPERATIONS SCHEDULING	8,889	10,496	9,459	8,837	8,718	99%
44 OPERATIONS PLANNING	6,468	7,255	8,236	6,885	6,274	91%
45 Sub-Total	15,358	17,751	17,694	15,722	14,992	95%
Power Services Marketing and Business Support						
46 POWER R&D	6,033	6,046	4,791	4,016	5,116	127%
47 SALES & SUPPORT	19,886	24,765	22,265	20,181	20,378	101%
48 STRATEGY, FINANCE & RISK MGMT <Note 3	12,432	22,256	17,952	13,978	12,707	91%
49 EXECUTIVE AND ADMINISTRATIVE SERVICES	4,123	4,402	4,491	3,480	3,501	101%
50 CONSERVATION SUPPORT	8,224	9,731	9,412	8,318	8,075	97%
51 Sub-Total	50,698	67,199	58,911	49,973	49,777	100%
52 Power Non-Generation Operations Sub-Total	78,663	99,836	91,053	77,676	77,176	99%
Power Services Transmission Acquisition and Ancillary Services						
PBL Transmission Acquisition and Ancillary Services						
53 POWER SERVICES TRANSMISSION & ANCILLARY SERVICES	100,488	104,808	99,376	108,950	110,288	101%
54 3RD PARTY GTA WHEELING	58,453	76,521	89,594	92,844	82,405	89%
55 POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	3,020	2,428	2,251	3,891	1,396	36%
56 GENERATION INTEGRATION / WIT-TS	12,952	12,074	12,074	12,074	12,074	100%
57 TELEMETERING/EQUIP REPLACEMT	-	-	-	-	-	0%
58 Power Srvc Trans Acquisition and Ancillary Services Sub-Total	174,913	195,831	203,295	217,759	206,164	95%
Fish and Wildlife/USF&W/Planning Council/Environmental Req						
BPA Fish and Wildlife						
59 Fish & Wildlife	258,142	274,000	274,000	258,021	254,556	99%
60 USF&W Lower Snake Hatcheries	28,645	32,949	32,949	31,949	26,040	82%
61 Planning Council	10,720	11,446	11,590	11,440	10,766	94%
62 Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 297,508	\$ 318,395	\$ 318,539	\$ 301,410	\$ 291,361	97%

Report ID: 0060FY17

Power Services Detailed Statement of Revenues and Expenses

Run Date\Time: October 26, 2017 06:12

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended September 30, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D <NOTE 1	E	F
	FY 2016	FY 2017			FY 2017	FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
BPA Internal Support						
63 Additional Post-Retirement Contribution	\$ 17,743	\$ 19,478	\$ 18,649	\$ 14,858	\$ 13,106	88%
64 Agency Services G&A (excludes direct project support)	60,230	55,168	60,109	56,534	55,003	97%
65 BPA Internal Support Sub-Total	77,974	74,646	78,758	71,392	68,109	95%
66 Bad Debt Expense	4	-	-	(3)	2	-154%
67 Other Income, Expenses, Adjustments	(390)	(129,463)	(26,600)	662	(663)	-200%
Non-Federal Debt Service						
Energy Northwest Debt Service						
68 COLUMBIA GENERATING STATION DEBT SVC	96,026	127,466	114,934	117,355	116,938	100%
69 WNP-1 DEBT SVC	43,227	201,804	31,590	34,504	34,033	99%
70 WNP-3 DEBT SVC	69,102	256,332	57,767	59,102	58,832	100%
71 Sub-Total	208,356	585,602	204,291	210,961	209,803	99%
Non-Energy Northwest Debt Service						
72 CONSERVATION DEBT SVC	-	-	-	-	-	0%
73 COWLITZ FALLS DEBT SVC	7,299	7,303	7,302	7,302	7,302	100%
74 NORTHERN WASCO DEBT SVC	1,931	1,935	1,935	1,935	1,935	100%
75 Sub-Total	9,231	9,237	9,237	9,237	9,237	100%
76 Non-Federal Debt Service Sub-Total	217,587	594,839	213,528	220,198	219,040	99%
77 Depreciation	138,546	143,468	143,468	140,968	139,289	99%
78 Amortization	88,414	85,034	87,534	85,634	84,758	99%
79 Total Operating Expenses	2,232,031	2,647,809	2,354,544	2,350,838	2,343,503	100%
80 Net Operating Revenues (Expenses)	368,730	150,249	387,071	382,053	377,668	99%
Interest Expense and (Income)						
81 Federal Appropriation	188,926	186,051	115,921	115,582	116,233	101%
82 Capitalization Adjustment	(45,937)	(45,937)	(45,937)	(45,937)	(45,937)	100%
83 Borrowings from US Treasury	50,330	69,299	53,048	53,434	53,443	100%
84 Customer Prepaid Power Purchases	13,273	12,469	12,469	12,469	12,469	100%
85 AFUDC	(9,262)	(11,360)	(11,360)	(9,890)	(11,465)	116%
86 Interest Income	(11,405)	(19,456)	(5,195)	(2,709)	(3,065)	113%
87 Net Interest Expense (Income)	185,925	191,065	118,947	122,950	121,678	99%
88 Total Expenses	2,417,957	2,838,874	2,473,490	2,473,787	2,465,181	100%
89 Net Revenues (Expenses)	\$ 182,805	\$ (40,815)	\$ 268,125	\$ 259,104	\$ 255,990	99%

<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 Strategy, Finance and Risk Management project reporting includes the four 2017 KSI projects Commercial Operations, Long-term Finance and Rates, Asset Management and Business Information Systems.

Report ID: 0061FY17 **Transmission Services Detailed Statement of Revenues and Expenses** Run Date/Time: October 26, 2017 06:15
 Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended September 30, 2017 Data Source: EPM Data Warehouse
 Unit of Measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2016	FY 2017			FY 2017	FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Operating Revenues						
Sales						
Network		\$ 943,897	\$ 922,793	\$ 915,124		
1 Network Integration	\$ 129,695	\$ 133,090	\$ 131,143	\$ 130,617	\$ 133,535	102%
2 Other Network	436,310	461,684	451,685	442,038	446,492	101%
3 Intertie	73,891	78,630	76,368	76,949	76,257	99%
4 Other Direct Sales	263,312	270,592	263,557	265,520	265,824	100%
5 Miscellaneous Revenues	44,033	39,154	42,431	43,262	41,491	96%
6 Inter-Business Unit Revenues	114,459	117,591	112,403	121,945	128,126	105%
7 Total Operating Revenues	1,061,700	1,100,742	1,077,587	1,080,330	1,091,725	101%
Operating Expenses						
Transmission Operations						
System Operations						
8 INFORMATION TECHNOLOGY	9,436	10,558	7,298	10,701	9,903	93%
9 POWER SYSTEM DISPATCHING	13,913	13,671	12,895	13,945	13,722	98%
10 CONTROL CENTER SUPPORT	23,066	18,757	25,178	25,009	23,567	94%
11 TECHNICAL OPERATIONS <Note 2	7,750	6,983	14,168	9,979	8,029	80%
12 STRATEGIC INTEGRATION	2,414	7,555	1,607	2,118	2,028	96%
13 SUBSTATION OPERATIONS	23,572	21,817	24,507	24,081	23,444	97%
14 Sub-Total	80,151	79,341	85,653	85,833	80,693	94%
Scheduling						
15 RESERVATIONS	1,167	1,383	1,227	1,044	1,211	116%
16 PRE-SCHEDULING	382	276	284	284	211	74%
17 REAL-TIME SCHEDULING	4,739	5,169	5,789	4,929	5,062	103%
18 SCHEDULING TECHNICAL SUPPORT	3,641	4,259	4,751	4,182	3,656	87%
19 SCHEDULING AFTER-THE-FACT	273	289	277	277	305	110%
20 Sub-Total	10,202	11,376	12,328	10,716	10,445	97%
Marketing and Business Support						
21 TRANSMISSION SALES	2,299	2,775	2,834	2,621	2,524	96%
22 MKTG TRANSMISSION FINANCE	-	-	-	-	-	0%
23 MKTG CONTRACT MANAGEMENT	4,453	4,984	4,946	4,660	4,465	96%
24 MKTG TRANSMISSION BILLING	2,318	3,377	2,433	2,116	2,093	99%
25 MKTG BUSINESS STRAT & ASSESS <Note 3	6,836	7,291	6,877	6,651	7,948	119%
26 Marketing Sub-Total	15,906	18,426	17,089	16,048	17,030	106%
27 EXECUTIVE AND ADMIN SERVICES	16,630	27,540	28,608	17,753	16,908	95%
28 LEGAL SUPPORT	2,611	3,548	1,641	1,962	2,304	117%
29 TRANS SERVICES INTERNAL GENERAL & ADMINISTRATIVE <Note 4	11,047	13,135	14,777	13,522	9,847	73%
30 AIRCRAFT SERVICES	1,094	2,230	2,489	1,839	882	48%
31 LOGISTICS SERVICES	6,685	4,488	4,354	5,151	5,861	114%
32 SECURITY ENHANCEMENTS	889	716	561	561	547	98%
33 Business Support Sub-Total	38,957	51,657	52,432	40,789	36,350	89%
34 Transmission Operations Sub-Total	\$ 145,216	\$ 160,800	\$ 167,501	\$ 153,386	\$ 144,518	94%

Report ID: 0061FY17 **Transmission Services Detailed Statement of Revenues and Expenses** Run Date/Time: October 26, 2017 06:15
 Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended September 30, 2017 Data Source: EPM Data Warehouse
 Unit of Measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 100%

	A	B	C	D	E	F
	FY 2016	FY 2017			FY 2017	FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Transmission Maintenance						
System Maintenance						
35	NON-ELECTRIC MAINTENANCE	\$ 27,546	\$ 31,424	\$ 28,233	\$ 25,556	\$ 28,872 113%
36	SUBSTATION MAINTENANCE	31,125	29,043	32,267	31,353	30,860 98%
37	TRANSMISSION LINE MAINTENANCE	25,564	27,482	31,119	29,851	27,574 92%
38	SYSTEM PROTECTION CONTROL MAINTENANCE	13,222	13,741	14,198	13,837	14,921 108%
39	POWER SYSTEM CONTROL MAINTENANCE	19,095	18,507	19,706	20,706	21,589 104%
40	JOINT COST MAINTENANCE	230	113	8	8	190 2242%
41	SYSTEM MAINTENANCE MANAGEMENT	8,555	9,556	9,495	9,403	8,348 89%
42	ROW MAINTENANCE	7,785	10,162	8,858	8,842	10,401 118%
43	HEAVY MOBILE EQUIP MAINT	312	()	()	-	427 0%
44	TECHNICAL TRAINING	2,719	2,418	2,735	2,735	2,796 102%
45	VEGETATION MANAGEMENT	16,489	17,039	18,480	18,480	16,784 91%
46	Sub-Total	152,640	159,485	165,098	160,770	162,762 101%
Environmental Operations						
47	ENVIRONMENTAL ANALYSIS	6	-	-	-	6 0%
48	POLLUTION PREVENTION AND ABATEMENT	4,808	4,787	4,726	4,121	4,161 101%
49	Sub-Total	4,815	4,787	4,726	4,121	4,166 101%
50	Transmission Maintenance Sub-Total	157,455	164,272	169,824	164,891	166,929 101%
Transmission Engineering						
System Development						
51	RESEARCH & DEVELOPMENT	7,458	9,555	6,961	6,463	8,576 133%
52	TSD PLANNING AND ANALYSIS	18,059	16,738	25,241	21,177	21,601 102%
53	CAPITAL TO EXPENSE TRANSFER	8,951	4,351	4,211	4,227	6,896 163%
54	NERC / WECC COMPLIANCE	14,052	20,422	17,585	16,241	12,684 78%
55	ENVIRONMENTAL POLICY/PLANNING	1,251	1,642	1,633	1,708	1,192 70%
56	ENG RATING AND COMPLIANCE	1,399	2,207	2,298	2,238	2,291 102%
57	Sub-Total	51,168	54,915	57,929	52,054	53,240 102%
58	Transmission Engineering Sub-Total	51,168	54,915	57,929	52,054	53,240 102%
Trans. Services Transmission Acquisition and Ancillary Services						
BBL Acquisition and Ancillary Products and Services						
59	ANCILLARY SERVICES PAYMENTS	103,366	101,027	103,653	102,661	102,947 100%
60	OTHER PAYMENTS TO POWER SERVICES	9,393	9,617	9,395	9,394	9,407 100%
61	STATION SERVICES PAYMENTS	2,595	2,785	2,704	2,704	2,639 98%
62	Sub-Total	115,354	113,429	115,752	114,759	114,993 100%
Non-BBL Acquisition and Ancillary Products and Services						
63	LEASED FACILITIES	7,533	7,447	6,849	6,849	6,128 89%
64	GENERAL TRANSFER AGREEMENTS (SETTLEMENT)	1,344	18	2	2	198 8088%
65	NON-BBL ANCILLARY SERVICES	4,932	18,560	18,865	13,117	11,850 90%
66	OVERSUPPLY DISPLACEMENT COSTS	-	-	-	-	2,239 0%
67	RELIABILITY DEMAND RESPONSE/REDISPATCH	46	1,328	5,155	6,277	5,506 88%
68	Sub-Total	13,856	27,353	30,872	26,246	25,921 99%
69	Trans. Svcs. Acquisition and Ancillary Services Sub-Total	129,210	140,782	146,623	141,005	140,914 100%
Transmission Reimbursables						
Reimbursables						
70	EXTERNAL REIMBURSABLE SERVICES	13,624	8,615	8,802	8,802	14,459 164%
71	INTERNAL REIMBURSABLE SERVICES	1,752	1,120	1,120	1,121	1,187 106%
72	Sub-Total	15,376	9,735	9,922	9,923	15,646 158%
73	Transmission Reimbursables Sub-Total	\$ 15,376	\$ 9,735	\$ 9,922	\$ 9,923	\$ 15,646 158%

Report ID: 0061FY17	Transmission Services Detailed Statement of Revenues and Expenses	Run Date/Time: October 26, 2017 06:15
Requesting BL: TRANSMISSION BUSINESS UNIT	Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2016	FY 2017			FY 2017	FY 2017
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
BPA Internal Support						
74 Additional Post-Retirement Contribution	\$ 16,440	\$ 19,748	\$ 17,023	\$ 14,672	\$ 13,920	95%
75 Agency Services G & A (excludes direct project support)	71,144	64,775	73,647	66,825	66,724	100%
76 BPA Internal Support Subtotal	87,584	84,523	90,670	81,497	80,644	99%
Other Income, Expenses, and Adjustments						
77 Bad Debt Expense	10	-	-	10	48	490%
78 Other Income, Expenses, Adjustments	(6,737)	-	-	245	(1,093)	-546%
79 Undistributed Reduction	-	(2,100)	(11,688)	-	-	0%
80 Depreciation	241,985	257,416	257,416	257,866	258,767	100%
81 Amortization	2,174	2,132	2,132	2,152	2,160	100%
82 Total Operating Expenses	823,440	872,475	890,328	863,029	861,773	100%
83 Net Operating Revenues (Expenses)	238,260	228,267	187,259	217,302	229,952	106%
Interest Expense and (Income)						
84 Federal Appropriation	14,059	8,954	8,628	8,628	8,628	100%
85 Capitalization Adjustment	(18,968)	(18,968)	(18,968)	(18,968)	(18,968)	100%
86 Borrowings from US Treasury	91,889	138,723	93,979	95,024	94,921	100%
87 Debt Service Reassignment	24,114	15,810	15,601	14,341	14,341	100%
88 Customer Advances	5,648	6,041	4,738	4,646	4,454	96%
89 Lease Financing	54,614	55,408	69,878	61,024	60,745	100%
90 AFUDC	(31,042)	(41,346)	(24,342)	(21,000)	(21,577)	103%
91 Interest Income	(3,957)	(16,310)	(3,875)	(3,093)	(3,045)	98%
92 Net Interest Expense (Income)	136,358	148,313	145,640	140,601	139,499	99%
93 Total Expenses	959,798	1,020,788	1,035,968	1,003,630	1,001,272	100%
94 Net Revenues (Expenses)	\$ 101,902	\$ 79,954	\$ 41,619	\$ 76,700	\$ 90,453	118%

<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 Technical Operations project reporting includes the 2017 KSI project Commercial Operations.

<3

Marketing Business Strategy and Assessment project reporting includes the three 2017 KSI projects Long-term Finance and Rates, Asset Management and Business Information Systems.

<4 Transmission Services Internal General & Administrative reporting includes the 2017 KSI project Safety and Occupational Health.

Report ID: 0067FY17 Requesting BL: CORPORATE BUSINESS UNIT Unit of Measure: \$ Thousands	BPA Statement of Capital Expenditures FYTD Through the Month Ended September 30, 2017 Preliminary Unaudited	Run Date/Run Time: October 26, 2017/ 07:57 Data Source: EPM Data Warehouse % of Year Elapsed = 100%
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A	B	C	D	E
FY 2017		FY 2017	FY 2017	
SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast

Transmission Business Unit						
MAIN GRID						
1	BIG EDDY-KNIGHT 500kv PROJECT	11,338	5,035	5,137	45%	102%
2	I-5 CORRIDOR UPGRADE PROJECT	12,306	8,969	11,304	92%	126%
3	CENTRAL FERRY- LOWER MONUMNTAL	-	111	134	0%	121%
4	MONTANA TO NW TRANS AREA	380	440	536	141%	122%
5	MISC. MAIN GRID PROJECTS	682	(78)	(1,179)	-173%	1512%
6	SEATTLE TO PORTLAND TRANS AREA	12,444	399	420	3%	105%
7	PUDGET SOUND TRANS AREA	4,701	675	766	16%	114%
8	TOTAL MAIN GRID	41,850	15,551	17,118	41%	110%
AREA & CUSTOMER SERVICE						
9	CITY OF CENTRALIA PROJECT	-	88	9	0%	10%
10	SOUTHERN IDAHO NW WYOMING AREA	22,814	7,697	5,727	25%	74%
11	LONGVIEW AREA	-	29	34	0%	114%
12	NW MONTANA AREA	1,936	2,406	1,721	89%	72%
13	MISC. AREA & CUSTOMER SERVICE	3,481	1,241	1,002	29%	81%
14	CENTRAL OREGON AREA	138	211	909	657%	430%
15	CENTRALIA-CHEHALIS AREA	1,037	3,927	4,937	476%	126%
16	DE MOSS-FOSSIL AREA	1,936	1,029	775	40%	75%
17	EUGENE AREA	1,072	1,226	2,052	192%	167%
18	HOOD RIVER-THE DALLES AREA	864	5,326	1,228	142%	23%
19	MID-COLUMBIA AREA	277	383	314	114%	82%
20	NORTH IDAHO AREA	35	17	19	54%	111%
21	NORTH OREGON COAST AREA	-	(308)	(343)	0%	112%
22	OLYMPIC PENINSULA AREA	35	2,838	2,671	7726%	94%
23	PENDLETON-LA GRANDE AREA	-	55	48	0%	87%
24	PORTLAND AREA	35	207	178	515%	86%
25	SALEM-ALBANY AREA	1,348	1,396	208	15%	15%
26	SEATTLE-TACOMA-OLYMPIA AREA	23,505	15,193	12,324	52%	81%
27	SOUTH OREGON COAST AREA	-	37	46	0%	126%
28	SW WASHINGTON COAST AREA	104	25	(1)	-1%	-5%
29	SPOKANE-COLVILLE-BOUNDARY AREA	-	135	153	0%	113%
30	TRI-CITIES SERVICE AREA	9,264	11,956	13,351	144%	112%
31	VANCOUVER AREA	173	78	70	40%	89%
32	WALLA WALLA AREA	35	-	()	0%	0%
33	TOTAL AREA & CUSTOMER SERVICE	\$ 68,086	\$ 55,194	\$ 47,430	70%	86%

Report ID: 0067FY17
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended September 30, 2017
 Preliminary Unaudited

Run Date/Run Time: October 26, 2017/ 07:57
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 100%

A		B		C		D		E	
FY 2017		FY 2017		FY 2017		FY 2017		FY 2017	
SOY Budget		Current EOY Forecast		Actuals: FYTD		Actuals / SOY Budget		Actuals / Forecast	

Transmission Business Unit (Continued)

SYSTEM REPLACEMENTS									
34	011000	TEAP - TOOLS	\$ 1,000	\$ 1,239	\$ 845		84%		68%
35	011000	TEAP - EQUIPMENT	8,336	8,455	5,442		65%		64%
36	300000	SPC - SER	1,037	3,203	2,452		236%		77%
37	300000	SPC - DFRS	-	21	-		0%		0%
38	300000	SPC - METERING	1,106	1,595	905		82%		57%
39	300000	SPC - CONTROL AND INDICATION	277	187	77		28%		41%
40	300000	SPC - RELAYS	21,708	19,236	19,057		88%		99%
41	150000	PSC - TELEPHONE SYSTEMS	1,659	1,843	2,190		132%		119%
42	150000	PSC - TRANSFER TRIP	7,052	6,553	6,517		92%		99%
43	150000	PSC - FIN/OP NETWORKS	104	361	55		53%		15%
44	150000	PSC - TLECOM TRANSPORT	1,279	4,714	1,735		136%		37%
45	150000	PSC - SCADA/TELEMETRY/SUP CNTRL	4,010	4,187	3,882		97%		93%
46	150000	PSC- TELECOM SUPPORT EQUIPMENT	1,106	5,901	3,788		342%		64%
47	300000	SUB DC - SUSTAIN	830	577	680		82%		118%
48	300000	SUB AC- BUS & STRUCTURES	2,212	2,074	1,686		76%		81%
49	300000	SUB AC - LOW VOLTAGE AUX.	17,283	23,897	24,326		141%		102%
50	300000	SUB AC- SHUNT CAPACITORS	1,797	7,529	3,336		186%		44%
51	300000	SUB AC-CIRCUIT BRKR & SWTCH GR	20,740	34,229	31,455		152%		92%
52	300000	SUB AC - CVT/PT/CT & ARRESTERS	2,765	6,702	3,914		142%		58%
53	300000	SUB AC-TRANSFORMERS & REACTORS	20,049	21,384	21,569		108%		101%
54	100000	LINES STEEL - SUSTAIN	20,463	15,538	18,326		90%		118%
55	100000	LINES WOOD POLES - SUSTAIN	59,454	61,615	63,792		107%		104%
56	300000	SYSTEM TELECOM - SUSTAIN	30,418	23,448	26,777		88%		114%
57	000000	MISC. REPLACEMENT PROJECTS	3,311	689	-		0%		0%
58	000000	MISC FACILITIES- NON-ELECTRIC	5,116	4,910	3,198		63%		65%
59	300000	SECURITY ENHANCEMENTS	11,368	10,910	8,644		76%		79%
60	000000	ACCESS ROADS	31,110	31,186	22,447		72%		72%
61	000000	CC SYSTEM INFASTRUCTURE	2,627	8,502	10,561		402%		124%
62	100000	LAND RIGHTS - SUSTAIN	11,300	9,404	1,977		17%		21%
63	100000	LINE - RATINGS PROGRAM	1,002	1,413	1,357		135%		96%
64	300000	SPC - BUILDINGS	7,605	1,204	1,173		15%		97%
65	000000	AIRCRAFT - FIXED WING	6,566	-	-		0%		0%
66	000000	AIRCRAFT - HELICOPTER	5,253	-	-		0%		0%
67	000000	TOTAL SYSTEM REPLACEMENTS	\$ 309,943	\$ 322,708	\$ 292,162		94%		91%

Report ID: 0067FY17	BPA Statement of Capital Expenditures	Run Date/Run Time: October 26, 2017/ 07:57
Requesting BL: CORPORATE BUSINESS UNIT	FYTD Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of Measure: \$Thousands	Preliminary Unaudited	% of Year Elapsed = 100%

A	B	C	D	E
FY 2017		FY 2017	FY 2017	
SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast

Transmission Business Unit (Continued)					
UPGRADES & ADDITIONS					
68	IT PROJECTS	\$ 5,382	\$ 2,043	\$ 1,600	30% 78%
69	SUBAC SUB AC - UPGRADES & ADDITIONS	2,765	11,227	8,017	290% 71%
70	SUBDC SUB DC - UPGRADES & ADDITIONS	2,351	3,697	5,402	230% 146%
71	CONTROL CONTROL CENTERS-UPGRADE & ADD	-	2,100	2,370	0% 113%
72	SYSTEM SYSTEM TELECOM - UPGRADE & ADD	34,843	30,179	29,022	83% 96%
73	MISC. MISC. UPGRADES AND ADDITIONS	937	186	34	4% 18%
74	FACILITIES FACILITIES NON-ELECTRIC EXPAND	32,399	25,230	20,469	63% 81%
75	TOTAL UPGRADES & ADDITIONS	78,677	74,662	66,913	85% 90%
ENVIRONMENT CAPITAL					
76	MISC. MISC. ENVIRONMENT PROJECTS	7,779	7,041	9,000	116% 128%
77	TOTAL ENVIRONMENT CAPITAL	7,779	7,041	9,000	116% 128%
78	CAPITAL DIRECT	506,335	475,156	432,623	85% 91%
PFIA					
79	MISC. MISC. PFIA PROJECTS	18,385	6,559	6,640	36% 101%
80	GENERATOR GENERATOR INTERCONNECTION	9,679	136	307	3% 225%
81	SPECTRUM SPECTRUM RELOCATION	1,983	465	546	28% 118%
82	TOTAL PFIA	30,046	7,160	7,493	25% 105%
83	CAPITAL INDIRECT	-	-	(26)	0% 0%
84	LAPSE FACTOR	-	-	-	0% 0%
85	TOTAL Transmission Business Unit	\$ 536,381	\$ 482,316	\$ 440,089	82% 91%

Report ID: 0067FY17	BPA Statement of Capital Expenditures	Run Date/Run Time: October 26, 2017/ 07:57
Requesting BL: CORPORATE BUSINESS UNIT	FYTD Through the Month Ended September 30, 2017	Data Source: EPM Data Warehouse
Unit of Measure: \$Thousands	Preliminary Unaudited	% of Year Elapsed = 100%

A	B	C	D	E
FY 2017		FY 2017	FY 2017	
SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast

Power Business Unit

86	BUREAU OF RECLAMATION <Note 1	\$ 49,642	\$ 39,545	\$ 39,041	79%	99%
87	CORPS OF ENGINEERS <Note 1	167,631	158,525	167,830	100%	106%
88	GENERATION CONSERVATION	-	-	-	0%	0%
89	POWER INFORMATION TECHNOLOGY	5,000	5,969	4,336	87%	73%
90	FISH & WILDLIFE <Note 2	44,602	21,000	5,402	12%	26%
91	LAPSE FACTOR	-	-	-	0%	0%
92	TOTAL Power Business Unit	266,875	225,039	216,608	81%	96%

Corporate Business Unit

93	CORPORATE BUSINESS UNIT	15,460	8,020	5,391	35%	67%
94	TOTAL Corporate Business Unit	15,460	8,020	5,391	35%	67%

95	TOTAL BPA Capital Expenditures	\$ 818,716	\$ 715,375	\$ 662,089	81%	93%
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Proposed Schedule for Slice True-Up Adjustment for Composite Cost Pool True-Up Table and Cost Verification Process

Dates	Agenda
October 31, 2017	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; the final actual number may be different)
November 15, 2017	Mail notification to Slice Customers of the Slice True-Up Adjustment for the Composite Cost Pool
November 17, 2017	BPA to post Composite Cost Pool True-Up Table containing actual values and the Slice True-Up Adjustment
December 11, 2017	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 BPA posting of Composite Cost Pool Table containing actual values and the Slice True-Up Adjustment)
December 26, 2017	BPA posts a response to customer questions (Attachment A does not specify an exact date)
January 10, 2018	Customer comments are due on the list of tasks (The deadline can not exceed 10 days from BPA posting)
January 31, 2018	BPA finalizes list of questions about actual lines items in the Composite Cost Pool True-Up Table for the AUPs

COMPOSITE COST POOL TRUE-UP TABLE				
		Fiscal year 2017 (\$000)	Rate Case forecast for FY 2017 (\$000)	Fiscal Year 2017- Rate Case Difference (\$000)
1	Operating Expenses			
2	Power System Generation Resources			
3	Operating Generation			
4	COLUMBIA GENERATING STATION (WNP-2)	\$ 317,646	\$ 322,473	\$ (4,827)
5	BUREAU OF RECLAMATION	\$ 148,390	\$ 158,121	\$ (9,731)
6	CORPS OF ENGINEERS	\$ 247,048	\$ 250,981	\$ (3,933)
7	LONG-TERM CONTRACT GENERATING PROJECTS	\$ 11,225	\$ 17,034	\$ (5,809)
8	Sub-Total	\$ 724,309	\$ 748,609	\$ (24,300)
9	Operating Generation Settlement Payment and Other Payments			
10	COLVILLE GENERATION SETTLEMENT	\$ 16,667	\$ 19,651	\$ (2,984)
11	SPOKANE LEGISLATION PAYMENT	\$ -	\$ -	\$ -
12	Sub-Total	\$ 16,667	\$ 19,651	\$ (2,984)
13	Non-Operating Generation			
14	TROJAN DECOMMISSIONING	\$ 280	\$ 800	\$ (520)
15	WNP-1&3 DECOMMISSIONING	\$ 464	\$ 1,063	\$ (599)
16	Sub-Total	\$ 743	\$ 1,863	\$ (1,120)
17	Gross Contracted Power Purchases			
18	PNCA HEADWATER BENEFITS	\$ 3,427	\$ 3,000	\$ 427
19	OTHER POWER PURCHASES (omit, except Designated Obligations or Purchases)	\$ 37,995	\$ -	\$ 37,995
20	Sub-Total	\$ 41,423	\$ 3,000	\$ 38,423
21	Bookout Adjustment to Power Purchases (omit)			
22	Augmentation Power Purchases (omit - calculated below)			
23	AUGMENTATION POWER PURCHASES	\$ -	\$ -	\$ -
24	Sub-Total	\$ -	\$ -	\$ -
25	Exchanges and Settlements			
26	RESIDENTIAL EXCHANGE PROGRAM (REP)	\$ 219,265	\$ 219,003	\$ 263
27	OTHER SETTLEMENTS	\$ -	\$ -	\$ -
28	Sub-Total	\$ 219,265	\$ 219,003	\$ 263
29	Renewable Generation			
30	RENEWABLES (excludes Kill)	\$ 23,868	\$ 31,483	\$ (7,615)
31	Sub-Total	\$ 23,868	\$ 31,483	\$ (7,615)
32	Generation Conservation			
33	CONSERVATION ACQUISITION (Conseravtion infr and purchases)	\$ 92,985	\$ 104,702	\$ (11,718)
34	LOW INCOME WEATHERIZATION & TRIBAL	\$ 5,415	\$ 5,422	\$ (7)
35	ENERGY EFFICIENCY DEVELOPMENT	\$ 5,586	\$ 7,000	\$ (1,414)
36	DR & SMART GRID	\$ 729	\$ 1,245	\$ (516)
37	LEGACY	\$ 581	\$ 605	\$ (24)
38	MARKET TRANSFORMATION	\$ 12,117	\$ 12,691	\$ (573)
39	Sub-Total	\$ 117,413	\$ 131,665	\$ (14,252)
40	Power System Generation Sub-Total	\$ 1,143,687	\$ 1,155,273	\$ (11,587)
41				

COMPOSITE COST POOL TRUE-UP TABLE				
		Fiscal year 2017 (\$000)	Rate Case forecast for FY 2017 (\$000)	Fiscal Year 2017- Rate Case Difference (\$000)
42	Power Non-Generation Operations			
43	Power Services System Operations			
44	EFFICIENCIES PROGRAM	\$ -	\$ -	\$ -
45	INFORMATION TECHNOLOGY	\$ 5,822	\$ 5,910	\$ (88)
46	GENERATION PROJECT COORDINATION	\$ 6,082	\$ 7,845	\$ (1,762)
47	SLICE IMPLEMENTATION	\$ 502	\$ 1,131	\$ (628)
48	Sub-Total	\$ 12,407	\$ 14,886	\$ (2,479)
49	Power Services Scheduling			
50	OPERATIONS SCHEDULING	\$ 8,718	\$ 10,496	\$ (1,779)
51	OPERATIONS PLANNING	\$ 6,274	\$ 7,255	\$ (981)
52	Sub-Total	\$ 14,992	\$ 17,751	\$ (2,760)
53	Power Services Marketing and Business Support			
54	POWER R&D	\$ 5,116	\$ 6,046	\$ (929)
55	SALES & SUPPORT	\$ 20,378	\$ 24,854	\$ (4,476)
56	STRATEGY, FINANCE & RISK MGMT (REP support costs included here)	\$ 12,707	\$ 22,166	\$ (9,459)
57	EXECUTIVE AND ADMINISTRATIVE SERVICES (REP support costs included)	\$ 3,501	\$ 4,402	\$ (901)
58	CONSERVATION SUPPORT	\$ 8,075	\$ 9,731	\$ (1,656)
59	Sub-Total	\$ 49,777	\$ 67,199	\$ (17,422)
60	Power Non-Generation Operations Sub-Total	\$ 77,176	\$ 99,836	\$ (22,660)
61	Power Services Transmission Acquisition and Ancillary Services			
62	TRANSMISSION and ANCILLARY Services - System Obligations	\$ 35,073	\$ 35,073	\$ -
63	3RD PARTY GTA WHEELING	\$ 82,405	\$ 76,521	\$ 5,884
64	POWER 3RD PARTY TRANS & ANCILLARY SVCS (Composite Cost)	\$ 1,396	\$ -	\$ 1,396
65	TRANS ACQ GENERATION INTEGRATION	\$ 12,074	\$ 12,074	\$ 0
66	TELEMETERING/EQUIP REPLACENT	\$ -	\$ -	\$ -
67	Power Services Trans Acquisition and Ancillary Serv Sub-Total	\$ 130,948	\$ 123,668	\$ 7,280
68	Fish and Wildlife/USF&W/Planning Council/Environmental Req			
69	Fish & Wildlife	\$ 254,556	\$ 274,000	\$ (19,444)
70	USF&W Lower Snake Hatcheries	\$ 26,040	\$ 32,949	\$ (6,909)
71	Planning Council	\$ 10,766	\$ 11,446	\$ (680)
72	Environmental Requirements	\$ -	\$ -	\$ -
73	Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 291,361	\$ 318,395	\$ (27,034)
74	BPA Internal Support			
75	Additional Post-Retirement Contribution	\$ 13,106	\$ 19,478	\$ (6,372)
76	Agency Services G&A (excludes direct project support)	\$ 55,003	\$ 55,168	\$ (165)
77	BPA Internal Support Sub-Total	\$ 68,109	\$ 74,646	\$ (6,537)
78	Bad Debt Expense	\$ 2	\$ -	\$ 2
79	Other Income, Expenses, Adjustments	\$ (663)	\$ (61,926)	\$ 61,263
80	Expense Offset	\$ (98,391)	\$ (67,685)	\$ (30,706)
81	Non-Federal Debt Service			
82	Energy Northwest Debt Service			
83	COLUMBIA GENERATING STATION DEBT SVC	\$ 116,938	\$ 127,466	\$ (10,528)
84	WNP-1 DEBT SVC	\$ 34,033	\$ 201,804	\$ (167,771)
85	WNP-3 DEBT SVC	\$ 58,832	\$ 256,332	\$ (197,500)
86	EN RETIRED DEBT	\$ -	\$ -	\$ -
87	Sub-Total	\$ 209,803	\$ 585,602	\$ (375,798)

COMPOSITE COST POOL TRUE-UP TABLE				
		Fiscal year 2017 (\$000)	Rate Case forecast for FY 2017 (\$000)	Fiscal Year 2017- Rate Case Difference (\$000)
88	Non-Energy Northwest Debt Service			
89	CONSERVATION DEBT SVC	\$ -	\$ -	\$ -
90	COWLITZ FALLS DEBT SVC	\$ 7,302	\$ 7,303	\$ (1)
91	NORTHERN WASCO DEBT SVC	\$ 1,935	\$ 1,935	\$ 0
92	Sub-Total	\$ 9,237	\$ 9,237	\$ (1)
93	Non-Federal Debt Service Sub-Total	\$ 219,040	\$ 594,839	\$ (375,799)
94	Depreciation	\$ 139,289	\$ 143,468	\$ (4,179)
95	Amortization	\$ 84,758	\$ 85,034	\$ (276)
96	Total Operating Expenses	\$ 2,055,316	\$ 2,465,550	\$ (410,234)
97				
98	Other Expenses			
99	Net Interest Expense	\$ 120,900	\$ 195,296	\$ (74,396)
100	LDD	\$ 37,876	\$ 40,464	\$ (2,588)
101	Irrigation Rate Discount Costs	\$ 22,146	\$ 22,146	\$ (0)
102	Sub-Total	\$ 180,923	\$ 257,906	\$ (76,984)
103	Total Expenses	\$ 2,236,238	\$ 2,723,456	\$ (487,218)
104				
105	Revenue Credits			
106	Generation Inputs for Ancillary, Control Area, and Other Services Revenue	\$ 114,979	\$ 115,750	\$ (771)
107	Downstream Benefits and Pumping Power revenues	\$ 19,037	\$ 17,219	\$ 1,818
108	4(h)(10)(c) credit	\$ 53,728	\$ 87,786	\$ (34,057)
109	Colville and Spokane Settlements	\$ 4,600	\$ 4,600	\$ -
110	Energy Efficiency Revenues	\$ 5,815	\$ 7,000	\$ (1,185)
111	Large Project Revenues	\$ -	\$ -	\$ -
112	Miscellaneous revenues	\$ 7,182	\$ 5,800	\$ 1,382
113	Renewable Energy Certificates	\$ 860	\$ 648	\$ 212
114	Pre-Subscription Revenues (Big Horn/Hungry Horse)	\$ 1,585	\$ 1,506	\$ 79
115	Net Revenues from other Designated BPA System Obligations (Upper Bake)	\$ 364	\$ 466	\$ (102)
116	WNP-3 Settlement revenues	\$ 35,441	\$ 34,537	\$ 904
117	RSS Revenues	\$ 3,468	\$ 3,468	\$ -
118	Firm Surplus and Secondary Adjustment (from Unused RHWI)	\$ (4,207)	\$ 2,744	\$ (6,951)
119	Balancing Augmentation Adjustment	\$ 10,543	\$ 10,543	\$ -
120	Transmission Loss Adjustment	\$ 29,437	\$ 29,437	\$ -
121	Tier 2 Rate Adjustment	\$ 835	\$ 835	\$ -
122	NR Revenues	\$ 1	\$ 1	\$ -
123	Total Revenue Credits	\$ 283,669	\$ 322,340	\$ (38,671)

COMPOSITE COST POOL TRUE-UP TABLE				
		Fiscal year 2017 (\$000)	Rate Case forecast for FY 2017 (\$000)	Fiscal Year 2017- Rate Case Difference (\$000)
124				
125	Augmentation Costs (not subject to True-Up)			
126	Tier 1 Augmentation Resources (includes Augmentation RSS and Augmentation R)	\$ 12,603	\$ 12,603	\$ -
127	Augmentation Purchases	\$ 20,960	\$ 20,960	\$ -
128	Total Augmentation Costs	\$ 33,564	\$ 33,564	\$ -
129				
130	DSI Revenue Credit			
131	Revenues 10 aMW @ IP rate	\$ 23,357	\$ 33,469	\$ (10,112)
132	Total DSI revenues	\$ 23,357	\$ 33,469	\$ (10,112)
133				
134	Minimum Required Net Revenue Calculation			
135	Principal Payment of Fed Debt for Power	\$ 796,641	\$ 109,429	\$ 687,212
136	Principal Payment of Non-Federal Debt for Power	\$ 249,066		\$ 249,066
137	Irrigation assistance	\$ 50,772	\$ 51,482	\$ (710)
138	Sub-Total	\$ 1,096,479	\$ 160,911	\$ 935,568
139	Depreciation	\$ 139,289	\$ 143,468	\$ (4,179)
140	Amortization	\$ 84,758	\$ 85,034	\$ (276)
141	Capitalization Adjustment	\$ (45,937)	\$ (45,937)	\$ 0
142	Non-Cash Expenses	\$ 458,342	\$ -	\$ 458,342
143	Customer Proceeds	\$ 81,611	\$ -	\$ 81,611
144	Bond Call Premium/Discount	\$ (256)	\$ -	\$ (256)
145	PGE WNP3 Settlement	\$ (3,524)	\$ (3,524)	\$ -
146	Prepay Revenue Credits	\$ (30,600)	\$ (30,600)	\$ -
147	Non-Federal Interest (Prepay)	\$ 12,469	\$ 12,469	\$ -
148	Sub-Total	\$ 696,152	\$ 160,910	\$ 535,242
149	Principal Payment of Fed Debt plus Irrigation assistance exceeds non cash expens	\$ 400,327	\$ 0	
150	Minimum Required Net Revenues	\$ 400,327	\$ 0	
151				
152	Annual Composite Cost Pool (Amounts for each FY)	\$ 2,363,103	\$ 2,401,211	\$ (38,109)
153				
154	SLICE TRUE-UP ADJUSTMENT CALCULATION FOR COMPOSITE COST POOL			
155	TRUE-UP AMOUNT (Diff. between Rate Case and Forecast)	(38,109)		
156	Sum of TOCAs	0.9714935		
157	Adjustment of True-Up Amount when actual TOCAs < 100 percent	(39,227)		
158	TRUE-UP ADJUSTMENT CHARGE BILLED (26.61865 percent)	(10,442)		

Financial Disclosure

- The information contained in slides 3-16, 20-24, and 30-52 was made publicly available by BPA on October 27, 2017 and contains BPA-approved financial information.
- The information contained in slides 17-19 and 25-29 was made publicly available by BPA on October 27, 2017 and contains information not sourced directly from BPA financial statements.