

Quarterly Business Review (QBR)

May 2nd , 2017
9:00 am – 11:15 am
Rates Hearing Room

To participate by phone, please dial: **1-650-479-3208**
When prompted, enter access code: **UgibN832**

WebEx Meeting

Meeting Number: **992 792 819**
Meeting Password: **UgibN832**

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.



May 2, 2017 ~ QBR Agenda

Time	Min	Agenda Topic	Presenter
9:00	5	Review Agenda	Alex Lennox
9:05	40	QBR 101	Alex Lennox, Anna-Lisa Miller, Will Rector Cheryl Hargin, Kathy Rehmer, Brenda Weller
Financial Highlights			
9:45	15	CFO Spotlight	Javier Fernandez
10:00	40	<ul style="list-style-type: none"> ▪ Review of 2nd Quarter Financial Results ▪ Review of 2nd Quarter Forecast ▪ Review of YTD Financial Reserves & 2nd Quarter Forecast ▪ Application of \$70 Million of Power Reserves in FY 2017 	Alex, Lennox, Cheryl Hargin, Danny Chen, Anna-Lisa Miller, Will Rector, Damen Bleiler, Marcus Harris
10:40	10	Review of 2nd Quarter Capital Financial Results & Forecast	Kathy Rehmer, Anna-Lisa Miller
10:50	5	Capital Project Status Report	Dennis Naef
10:55	15	Slice Reporting	Jenny Hurlburt, Janice Johnson
Other BPA Topics			
11:15	~	Adjourn	~

Financial Highlights



Financial Overview for FY 2017 through March 31, 2017

FCRPS

- **The Second Quarter End-of-Year (EOY) forecast of Adjusted Net Revenue is \$(2) million. This is \$41 million lower than the rate case forecast.**
 - The Rate Case forecast of Adjusted Net Revenue for the FCRPS was \$39 million and the Start-of-Year forecast was \$(33) million.
 - Workgroups across the agency worked extensively to reduce spending for the remainder of the year, resulting in a forecast reduction in expense of \$46 million from the first quarter.

Power Services

- **The Second Quarter EOY forecast for Power Modified Net Revenue is \$(70) million. This is a \$29 million decrease from the rate case forecast.**
 - Power's rate case forecast of Modified Net Revenues was \$(41) million and Start-of-Year was \$(75) million.
- Revenues are \$31 million less than the rate case forecast due to lower preference customer and industrial power loads. The 4(h)(10)(C) treasury credit is also down as a result of a one year reduction in fish and wildlife programmatic expense forecast along with lower replacement power purchase costs for fish mitigation. Partially offsetting these lower revenues are higher secondary sales due to exceptional water supply.
- Expenses (total expenses net of the Power Net Revenue Modification) are \$3 million less than the rate case forecast. Power fully allocated the \$30 million undistributed reduction at the second quarter. Additionally, Agency Services reduced support costs by \$11 million and fish and wildlife expenses also by \$11 million. These reductions were offset by higher winter power purchases and transmission and ancillary service expense.
- Half of the fiscal year remains where important net revenue drivers such as hydrological conditions and electricity market prices remain uncertain.

Financial Overview for FY 2017 through March 31, 2017

Transmission Services

- **The Second Quarter EOY forecast for Transmission Net Revenues is \$67 million. This is a \$13 million decrease from the rate case forecast.**
 - The Net Revenue Rate Case forecast was \$80 million and the Start-of-Year forecast was \$42 million.
- The revenue forecast is \$19 million lower than the rate case driven by lower Point-to-Point revenues and a decrease in Variable Energy Balancing Service for Wind. The Second quarter EOY forecast increased \$5 million from the Q1 forecast due to an increase to Network revenues from colder than normal temperatures, and an increase in reservation fees associated with Point-to-Point Long-Term deferrals.
- The expense forecast is \$6 million lower than rate case mainly due to a lower interest expense forecast. Transmission fully allocated its \$2 million undistributed reduction at the second quarter. The decreases are offset somewhat by the expectation that operating expenses will be \$2 million higher than the rate case due to anticipated non-wires efforts and support work on Key Strategic Initiatives.

2nd Quarter Review – FCRPS Executive Highlights

(\$ in Millions)

	A	B	C
	FY 2016 Actuals ²	FY 2017 Start of Year ²	FY 2017 Current Quarter Review ²
1. Revenues ¹	3,455	3,588	3,615
2. Expenses ¹	3,178	3,298	3,281
3. Net Revenues (Expenses) ^{1,3}	277	290	333 ⁷
4. Adjusted Net Revenues ⁴	(31)	(33)	(2) ⁷
5. End of Year Financial Reserves ⁵	724	948	613 ⁷
6. BPA Accrued Capital Expenditures ⁶	759	761	560

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 Second Quarter Financial Results & Forecast



Report ID: 0023FY17

Transmission Services Summary Statement of Revenues and Expenses

Run Date/Time: April 28, 2017/ 06:59

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	FY 2016		FY 2017			FY 2017
	Actuals: FYTD	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals: FYTD
Operating Revenues						
1 Sales	\$ 460,243	\$ 903,208	\$ 943,997	\$ 922,753	\$ 915,187	\$ 466,772
2 Miscellaneous Revenues	28,733	44,033	39,154	42,431	41,991	20,565
3 Inter-Business Unit Revenues	53,147	114,459	117,591	112,403	124,977	55,407
4 Total Operating Revenues	542,124	1,061,700	1,100,742	1,077,587	1,082,156	542,744
Operating Expenses						
5 Transmission Operations	68,130	145,216	160,800	167,501	157,411	69,189
6 Transmission Maintenance	72,193	157,455	164,272	169,824	167,263	72,729
7 Transmission Engineering	22,290	51,168	54,915	57,929	51,560	23,786
8 Trans Services Transmission Acquisition and Ancillary Services	60,165	129,210	140,782	146,623	144,912	61,301
9 Transmission Reimbursables	9,595	15,376	9,735	9,922	9,921	6,727
BPA Internal Support						
10 Additional Post-Retirement Contribution	9,572	16,440	19,748	17,023	14,672	7,143
11 Agency Services G&A	34,269	71,144	64,775	73,647	68,728	31,230
12 Other Income, Expenses & Adjustments	2,796	(6,727)	(2,100)	(11,688)	255	2,551
13 Depreciation & Amortization	117,116	244,158	259,548	259,548	259,548	129,171
14 Total Operating Expenses	396,125	823,440	872,475	890,328	874,270	403,827
15 Net Operating Revenues (Expenses)	145,999	238,260	228,267	187,259	207,885	138,917
Interest Expense and (Income)						
16 Interest Expense	83,397	171,356	205,969	173,857	166,646	81,705
17 AFUDC	(19,798)	(31,042)	(41,346)	(24,342)	(23,355)	(12,169)
18 Interest Income	(1,685)	(3,957)	(16,310)	(3,875)	(2,377)	(1,188)
19 Net Interest Expense (Income)	61,914	136,358	148,313	145,640	140,914	68,349
20 Net Revenues (Expenses)	\$ 84,085	\$ 101,902	\$ 79,954	\$ 41,619	\$ 66,971	\$ 70,569

<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 March 31, 2017

Preliminary/ Unaudited

Run Date/Time: April 28, 2017/ 06:59

Data Source: EPM Data Warehouse

% of Year Elapsed = 50%

		A	B	C
		FY 2017		FY 2017
		Rate Case	Current EOY Forecast	Current EOY Forecast - Rate Case
Operating Revenues				
1	Sales	\$ 943,997	\$ 915,187	\$ (28,810)
2	Miscellaneous Revenues	39,154	41,991	2,837
3	Inter-Business Unit Revenues	117,591	124,977	7,386
4	Total Operating Revenues	1,100,742	1,082,156	(18,587)
Operating Expenses				
5	Transmission Operations	160,800	157,411	(3,389)
6	Transmission Maintenance	164,272	167,263	2,991
7	Transmission Engineering	54,915	51,560	(3,355)
8	Trans Services Transmission Acquisition and Ancillary Services	140,782	144,912	4,129
9	Transmission Reimbursables	9,735	9,921	186
	BPA Internal Support			
10	Additional Post-Retirement Contribution	19,748	14,672	(5,076)
11	Agency Services G&A	64,775	68,728	3,954
12	Other Income, Expenses & Adjustments	(2,100)	255	2,355
13	Depreciation & Amortization	259,548	259,548	()
14	Total Operating Expenses	872,475	874,270	1,795
15	Net Operating Revenues (Expenses)	228,267	207,885	(20,382)
Interest Expense and (Income)				
16	Interest Expense	205,969	166,646	(39,322)
17	AFUDC	(41,346)	(23,355)	17,991
18	Interest Income	(16,310)	(2,377)	13,933
19	Net Interest Expense (Income)	148,313	140,914	(7,399)
20	Net Revenues (Expenses)	\$ 79,954	\$ 66,971	\$ (12,983)

Report ID: 0063FY17

Transmission Services Revenue Detail by Product

Run Date/Time: April 28, 2017 13:32

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

		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	\$ 456,530	\$ 227,521
2	NETWORK INTEGRATION	133,090	131,143	133,348	73,275
3	INTEGRATION OF RESOURCES	5,714	5,714	5,714	2,857
4	FORMULA POWER TRANSMISSION	19,237	17,491	19,028	9,680
5	PTP - SHORT TERM	25,521	28,201	30,049	12,087
6	TOTAL: NETWORK	659,211	642,796	644,669	325,420
ANCILLARY SERVICES					
7	SCHEDULING, SYSTEM CONTROL & DISPATCH	153,400	150,384	149,265	74,747
8	OPERATING RESERVES - SPIN & SUPP	48,818	47,522	48,493	24,120
9	VARIABLE RES BALANCING	58,735	52,647	53,022	26,799
10	REGULATION & FREQ RESPONSE	6,224	6,016	6,004	3,189
11	ENERGY & GENERATION IMBALANCE	-	5,096	6,174	2,045
12	DISPATCHABLE RES BALANCING	2,450	1,652	1,681	885
13	TOTAL: ANCILLARY SERVICES	269,627	263,317	264,639	131,785
INTERTIE					
14	SOUTHERN INTERTIE LONG TERM	88,737	88,553	86,818	43,215
15	SOUTHERN INTERTIE SHORT TERM	4,927	3,019	5,522	980
16	MONTANA INTERTIE LONG TERM	115	115	115	57
17	MONTANA INTERTIE SHORT TERM	-	-	69	72
18	TOTAL: INTERTIE	93,778	91,687	92,523	44,324

Report ID: 0063FY17

Transmission Services Revenue Detail by Product

Run Date/Time: April 28, 2017 13:32

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	FY 2017			FY 2017
	A	B	C	D
	Rate Case	SOY Budget	Current EOY Forecast	Actuals
OTHER REVENUES & CREDITS				
19 TOWNSEND-GARRISON TRANS	\$ 12,421	\$ 12,421	\$ 12,348	\$ 6,141
20 GEN INTEGRATION - OTHER REV	12,074	12,142	12,074	6,037
21 USE OF FACILITIES	5,018	5,061	5,106	2,559
22 POWER FACTOR PENALTY	-	-	-	-
23 NFP - DEPR PNW PSW INTERTIE	3,325	3,378	3,638	1,705
24 AC - PNW PSW INTERTIE - OTH REV	1,695	1,775	1,829	942
25 OPERATIONS & MAINT - OTHER REV	958	870	748	362
26 COE & BOR PROJECT REV	-	-	-	-
27 RESERVATION FEE - OTHER REV	2,305	1,196	2,114	2,114
28 TRANSMISSION SHARE IRRIGATION	246	246	246	27
29 LAND LEASES AND SALES	295	295	535	470
30 OTHER LEASES REVENUE	104	105	107	37
31 REMEDIAL ACTION - OTHER REV	41	27	27	14
32 MISC SERVICES - LOSS-EXCH-AIR	168	43	15	(21)
33 OVERSUPPLY	-	-	425	427
34 FAILURE TO COMPLY - OTHER REV	-	-	146	181
35 UNAUTHORIZED INCREASE - OTH REV	-	-	158	552
36 OTHER REVENUE SOURCES	5,287	6,038	6,175	2,652
37 TOTAL: OTHER REVENUES & CREDITS	43,936	43,596	45,691	24,200
FIBER & PCS				
38 FIBER OTHER REVENUE	8,549	8,841	7,944	4,153
39 WIRELESS/PCS - OTHER REVENUE	4,609	5,201	4,965	1,735
40 WIRELESS/PCS - REIMBURSABLE REV	3,127	4,032	3,450	1,625
41 FIBER OTHER REIMBURSABLE REV	811	1,640	1,462	655
42 TOTAL: FIBER & PCS	17,096	19,714	17,821	8,167
REIMBURSABLE				
43 REIMBURSABLE - OTHER REVENUE	12,000	12,000	12,364	6,613
44 ACCRUAL REIMBURSABLE	-	-	-	-
45 TOTAL: REIMBURSABLE	12,000	12,000	12,364	6,613
DELIVERY				
46 UTILITY DELIVERY CHARGES	2,462	2,563	2,533	1,336
47 DSI DELIVERY	2,633	1,915	1,915	898
48 TOTAL: DELIVERY	5,095	4,478	4,448	2,234
49 TOTAL: Transmission Services Operating Revenues	\$ 1,100,742	\$ 1,077,587	\$ 1,082,156	\$ 542,744

Report ID: 0021FY17
 Requesting BL: POWER BUSINESS UNIT
 Unit of measure: \$ Thousands

Power Services Summary Statement of Revenues and Expenses
 Through the Month Ended March 31, 2017
 Preliminary/ Unaudited

Run Date/Time: April 28, 2017 06:59
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

	FY 2016		FY 2017			FY 2017
	Actuals: FYTD	Actuals	Rate Case	SOY Budget	Current EOY Forecast	
Operating Revenues						
1 Gross Sales (excluding bookout adjustment) <Note 2	\$ 1,272,236	\$ 2,402,364	\$ 2,560,343	\$ 2,497,464	\$ 2,556,222	\$ 1,347,308
2 Bookout Adjustment to Sales	(13,653)	(22,064)	-	-	(9,212)	(9,212)
3 Miscellaneous Revenues	11,837	27,880	29,580	29,924	31,045	15,035
4 Inter-Business Unit	55,605	115,354	115,750	118,991	118,622	55,051
5 U.S. Treasury Credits	47,756	77,228	92,386	95,236	70,066	34,047
6 Total Operating Revenues	1,373,781	2,600,762	2,798,058	2,741,615	2,766,742	1,442,230
Operating Expenses						
Power System Generation Resources						
Operating Generation Resources						
7 Columbia Generating Station	114,953	258,587	322,473	319,053	318,514	171,164
8 Bureau of Reclamation	53,251	132,756	158,121	157,621	157,621	73,056
9 Corps of Engineers	101,763	237,966	250,981	250,981	243,981	109,179
10 Long-term Contract Generating Projects	13,128	20,455	17,034	15,546	11,570	5,294
11 Operating Generation Settlement Payment	7,670	17,496	19,651	22,234	16,667	6,841
12 Non-Operating Generation	716	1,239	1,863	1,482	765	184
13 Gross Contracted Power Purchases and Aug Power Purchases	81,179	133,893	102,790	86,812	108,439	68,431
14 Bookout Adjustment to Power Purchases	(13,653)	(22,064)	-	-	(9,212)	(9,212)
15 Residential Exchange/IOU Settlement Benefits <Note 2	122,080	218,717	219,003	219,003	219,003	122,427
16 Renewables	17,241	36,284	41,641	40,623	40,341	15,287
17 Generation Conservation	49,633	123,484	131,665	131,614	126,891	59,252
18 Subtotal Power System Generation Resources	547,960	1,158,813	1,265,221	1,244,969	1,234,579	621,904
19 Power Services Transmission Acquisition and Ancillary Services	82,817	174,913	195,831	203,295	220,063	97,699
20 Power Non-Generation Operations	36,740	78,663	99,836	91,053	80,408	37,268
21 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	152,962	297,508	318,395	318,539	307,389	144,518
BPA Internal Support						
22 Additional Post-Retirement Contribution	9,572	17,743	19,478	18,649	14,858	6,148
23 Agency Services G&A	28,660	60,230	55,168	60,109	58,261	25,833
24 Other Income, Expenses & Adjustments	1,008	(386)	(129,463)	(26,600)	991	941
25 Non-Federal Debt Service	113,360	217,587	594,839	213,528	222,831	104,180
26 Depreciation & Amortization	113,023	226,960	228,502	231,002	229,402	112,966
27 Total Operating Expenses	1,086,100	2,232,031	2,647,809	2,354,544	2,368,782	1,151,457
28 Net Operating Revenues (Expenses)	287,680	368,730	150,249	387,071	397,960	290,773
Interest Expense and (Income)						
29 Interest Expense	102,633	206,592	221,881	135,501	136,010	67,526
30 AFUDC	(3,923)	(9,262)	(11,360)	(11,360)	(9,900)	(5,058)
31 Interest Income	(1,573)	(11,405)	(19,456)	(5,195)	(1,727)	(601)
32 Net Interest Expense (Income)	97,137	185,925	191,065	118,947	124,384	61,867
33 Net Revenues (Expenses)	\$ 190,544	\$ 182,805	\$ (40,815)	\$ 268,125	\$ 273,577	\$ 228,906
34 Net Revenue Modifications <Note 3	(157,662)	(315,646)	-	(343,042)	(343,042)	(160,235)
35 Power Modified Net Revenue	\$ 32,882	\$ (132,841)	\$ (40,815)	\$ (74,917)	\$ (69,465)	\$ 68,671

<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 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
 Through the Month Ended March 31, 2017
 Preliminary/ Unaudited

Run Date/Time: April 28, 2017 06:59
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		A	B	C
		FY 2017		FY 2017
		Rate Case	Current EOY Forecast	Current EOY Forecast - Rate Case
Operating Revenues				
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,560,343	\$ 2,556,222	\$ (4,121)
2	Bookout Adjustment to Sales	-	(9,212)	(9,212)
3	Miscellaneous Revenues	29,580	31,045	1,465
4	Inter-Business Unit	115,750	118,622	2,872
5	U.S. Treasury Credits	92,386	70,066	(22,320)
6	Total Operating Revenues	2,798,058	2,766,742	(31,316)
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
7	Columbia Generating Station	322,473	318,514	(3,959)
8	Bureau of Reclamation	158,121	157,621	(500)
9	Corps of Engineers	250,981	243,981	(7,000)
10	Long-term Contract Generating Projects	17,034	11,570	(5,463)
11	Operating Generation Settlement Payment	19,651	16,667	(2,984)
12	Non-Operating Generation	1,863	765	(1,098)
13	Gross Contracted Power Purchases and Aug Power Purchases	102,790	108,439	5,649
14	Bookout Adjustment to Power Purchases	-	(9,212)	(9,212)
15	Residential Exchange/IOU Settlement Benefits <Note 2	219,003	219,003	-
16	Renewables	41,641	40,341	(1,300)
17	Generation Conservation	131,665	126,891	(4,774)
18	Subtotal Power System Generation Resources	1,265,221	1,234,579	(30,642)
19	Power Services Transmission Acquisition and Ancillary Services	195,831	220,063	24,232
20	Power Non-Generation Operations	99,836	80,408	(19,428)
21	Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	318,395	307,389	(11,007)
BPA Internal Support				
22	Additional Post-Retirement Contribution	19,478	14,858	(4,620)
23	Agency Services G&A	55,168	58,261	3,093
24	Other Income, Expenses & Adjustments	(129,463)	991	130,454
25	Non-Federal Debt Service	594,839	222,831	(372,008)
26	Depreciation & Amortization	228,502	229,402	900
27	Total Operating Expenses	2,647,809	2,368,782	(279,027)
28	Net Operating Revenues (Expenses)	150,249	397,960	247,711
Interest Expense and (Income)				
29	Interest Expense	221,881	136,010	(85,871)
30	AFUDC	(11,360)	(9,900)	1,460
31	Interest Income	(19,456)	(1,727)	17,730
32	Net Interest Expense (Income)	191,065	124,384	(66,681)
33	Net Revenues (Expenses)	\$ (40,815)	\$ 273,577	\$ 314,392
Net Revenue Modifications <Note 3				
34		-	(343,042)	(343,042)
35	Power Modified Net Revenue	\$ (40,815)	\$ (69,465)	\$ (28,649)

Report ID: 0064FY17

Power Services Detailed Statement of Revenues by Product

Run Date\Time: April 28, 2017 13:32

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

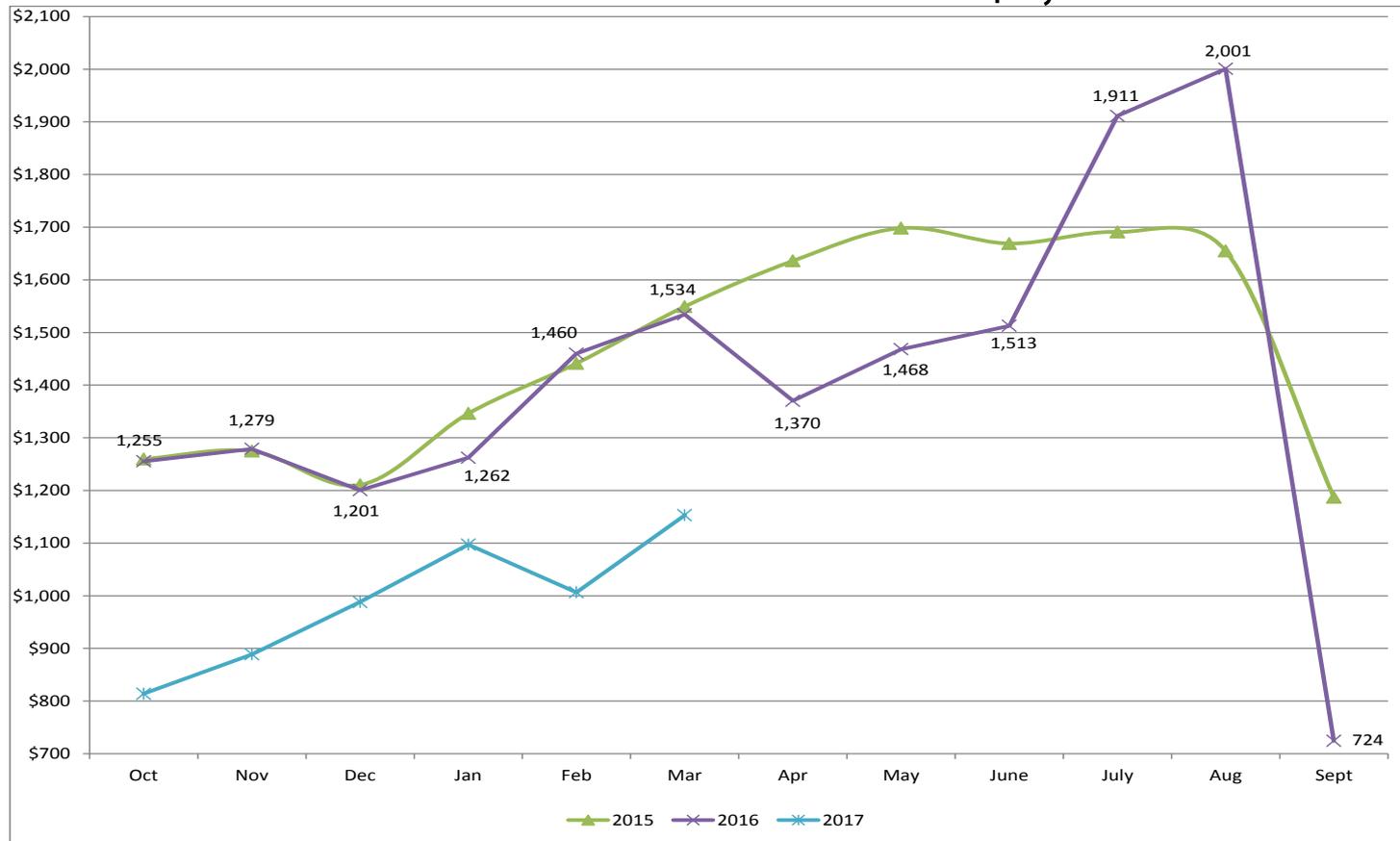
Preliminary/ Unaudited

% of Year Elapsed = 50%

		A	B	C	D
		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	\$ 559,834	49%
2	Non-Slice	(169,629)	(168,518)	(83,287)	49%
3	Load Shaping	8,259	(8,756)	34,133	413%
4	Demand	48,763	47,608	25,023	51%
5	Discounts / Fees	(53,702)	(49,260)	(17,014)	32%
6	RSS / RSC	1,601	1,597	(593)	-137%
7	REP Refund	(33,152)	(33,095)	(16,580)	50%
8	Other	-	-	-	0%
9	Sub-Total: Load Following	939,836	923,154	501,515	53%
Block					
10	Composite	640,651	628,595	314,297	49%
11	Non-Slice	(95,276)	(93,447)	(46,724)	49%
12	Load Shaping	3,305	3,360	30,588	925%
13	Demand	-	-	-	0%
14	Discounts / Fees	(5,693)	(5,693)	()	0%
15	RSS / RSC	-	-	-	0%
16	REP Refund	(21,493)	(21,449)	(10,534)	49%
17	Other	-	-	(95)	0%
18	Sub-Total: Block	521,494	511,366	287,532	55%
Slice					
19	Composite	662,493	658,897	329,448	50%
20	Slice	-	-	-	0%
21	Discounts / Fees	(3,216)	(3,216)	(1,750)	54%
22	REP Refund	(21,892)	(21,994)	(11,154)	51%
23	Other	-	-	-	0%
24	Sub-Total: Slice	637,386	633,687	316,544	50%
25	PF Tier 2 Revenues	27,509	27,424	13,769	50%
26	NR Revenues	356	-	(222)	-162%
27	IP Revenues	33,413	8,099	4,566	14%
28	FPS Revenues	364,599	368,774	190,318	52%
29	Other Revenues	35,750	24,960	33,286	93%
30	Gross Sales (excluding bookout adjustment)	2,560,343	2,497,464	1,347,308	53%
31	Bookout Adjustment to Sales	-	-	(9,212)	0%
32	Miscellaneous Revenues	29,580	29,924	15,035	51%
33	Inter-Business Unit	115,750	118,991	55,051	48%
34	U.S. Treasury Credits	92,386	95,236	34,047	37%
35	Total Operating Revenues	2,798,058	2,741,615	1,442,230	52%

Financial Reserves

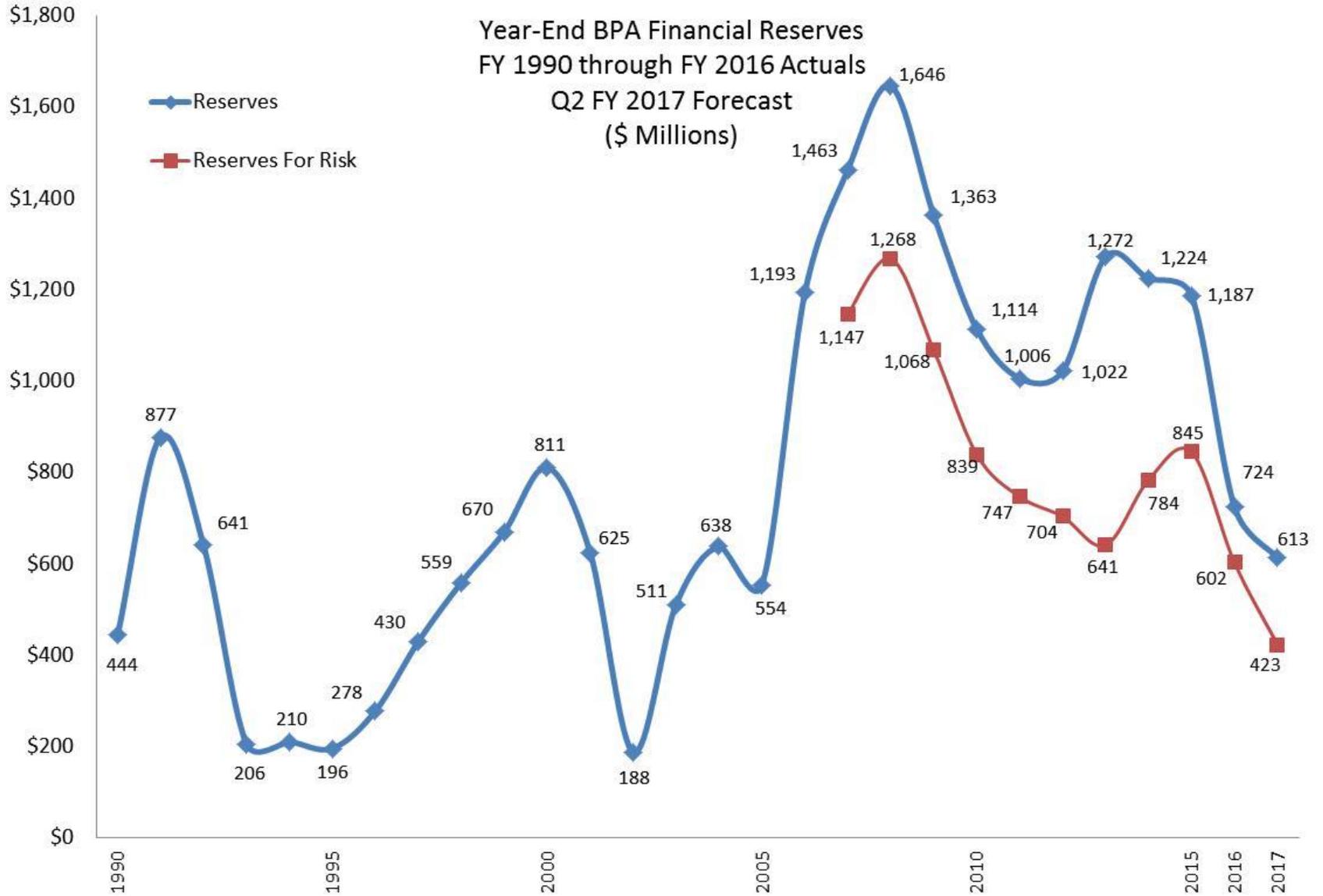
Reserves as of the end of March are \$1,153 million



End of FY16 Reserves

Q2 - End of FY17 Reserves Forecast

(\$ Millions)	Split			(\$ Millions)	Split		
	Power	Trans	Total		Power	Trans	Total
Total Reserves	208	517	724	Total Reserves	149	465	613
Less: Reserves Not for Risk	49	73	122	Less: Reserves Not for Risk	128	63	190
Reserves Available for Risk Forecast	159	444	602	Reserves Available for Risk Forecast	21	402	423



Regional Cooperation Debt Extension Review and Reserves for Risk



Regional Cooperation Debt Extension

Executive Summary

- BPA will move \$70.6 million from Power Reserves For Risk (RFR) to Power Reserves Not For Risk (RNFR) in FY17.
- These funds could have been originally placed in RNFR but since the \$70.6 million was not being used to pay down federal debt in BP-16, it was left in RFR.
- BPA has assumed the use of these funds in BP-18 to pay down federal debt.
- Therefore, the funds are not available for risk mitigation in FY18 or FY19.
- Moving \$70.6 million from RFR to RNFR increases transparency in the RFR balance and accurately reflect funds available for risk mitigation and the results of previous years operations.

Regional Cooperation Debt Extension

Background

- BPA has been paying off federal debt on a dollar-for-dollar basis for all Regional Cooperation Debt (RCD) transactions based on the amount of Energy Northwest (EN) debt extended.
- Due to the timing differences between the EN and BPA fiscal years, there is either a plus or minus impact to BPA for the dollar-for-dollar transactions.
- This delta is the difference in Federal principal paid and EN principal extended. It nets to zero over time.

Specifics

- Over the BPA FY's 2014 and 2015, BPA and EN extended \$646.6 million of RCD.
- In September of FY 2014 and 2015 BPA made a Federal principal payment of \$320.6 million and \$229.3 million respectively.
- RCD extension total = \$646.6, Federal Principal; payment total = \$549.9, delta = \$96.7 million less Slice portion of \$26.1 million, the remaining delta = \$70.6 million.

BP-14 Regional Cooperation Debt Extension

- The RCD transactions were approved after the Record of Decision (ROD) was signed. Therefore, the net impact of the RCD transactions **was not assumed in BP-14 rates.**
 - **Slice customers**
 - Received the benefits of the FY14 and FY15 RCD transactions through the annual Slice true-up.
 - **Non-Slice customers**
 - Did NOT receive the benefits of the FY14 and FY15 RCD transactions through rates. Rates were based on a revenue requirement that did not include the \$70.6 million benefit. Therefore, \$70.6 million was collected based on approved BP-14 rates and has been held in Reserves for Risk.

Post BP-14 Regional Cooperation Debt Extension

- BP-16 (FY16 and FY17)
 - The net impact of the RCD transactions **was assumed in rates** so both Slice and non-Slice customers received the benefits.
- BP-18 Initial Proposal (FY18 and FY19)
 - Slice: The impact of the fiscal year conversion results in increased costs in the Slice true up pool. This is the partial reversal of the benefit Slice customers received in the FY14 and FY15 annual true-ups.
 - Non-Slice: The \$70.6m was included as a source to pay down the non-Slice customers' share of federal appropriations.

BP-18 Regional Cooperation Debt Extension

- In order to keep the dollar-for-dollar commitment, BPA has modeled the use of the \$70.6 million for the Federal payment in FY 2018.
- BPA is moving the \$70.6 million from RFR to RNFR because the funds will not be available for risk mitigation.
- Assuming the use of reserves to pay down the \$70.6 million federal payment reduced the Initial Proposal revenue requirement by \$70.6 million for non-Slice customers.

Summary

- Slice customers received large true-up credits associated with RCD transactions in FYs 2014 and 2015.
- Because the program was approved after the final rates were set for the BP-14 rate period, the revenue requirement did not include the effect of the differences in principal. As a result, non-Slice customers, not subject to the true-up, paid \$70.6 million into reserves. The conclusion was to make this payment by the end of the approved program in FY 2018.
- Starting with the BP-16 rate period, the effects of the RCD transactions were embedded in the revenue requirement and affected the base rate rather than the true-up.
- In FY 2018, the Federal appropriations payment will be much larger than the income statement effect of the 2018 RCD transaction because of the fiscal year conversion. This effect has been embedded in the BP-18 revenue requirement. The Slice base rate is slightly higher because of this, reversing the credit that they received in FYs 2014 and 2015. The non-Slice rate will be credited the \$70.6 million that was accumulated in the same period.

FY 2017 Second Quarter Capital Financial Results & Forecast



Report ID: 0027FY17
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended March 31, 2017
 Preliminary Unaudited

Run Date/Run Time: April 28, 2017/ 07:10
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		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							
1	MAIN GRID	\$ 172,624	\$ 41,850	\$ 41,441	\$ 14,500	35%	35%
2	AREA & CUSTOMER SERVICE	13,458	68,086	67,419	26,071	38%	39%
3	SYSTEM REPLACEMENTS	275,051	309,943	303,679	104,567	34%	34%
4	UPGRADES & ADDITIONS	62,105	78,677	73,683	34,064	43%	46%
5	ENVIRONMENT CAPITAL	6,710	7,779	7,544	3,892	50%	52%
PFIA							
6	MISC. PFIA PROJECTS	6,452	18,385	5,527	4,101	22%	74%
7	GENERATOR INTERCONNECTION	12,904	9,679	(96)	(114)	-1%	119%
8	SPECTRUM RELOCATION	-	1,983	652	174	9%	27%
9	CAPITAL INDIRECT, undistributed	-	-	-	2,680	0%	0%
10	LAPSE FACTOR	-	-	-	-	0%	0%
11	TOTAL Transmission Business Unit	549,305	536,381	499,849	189,935	35%	38%
Power Business Unit							
12	BUREAU OF RECLAMATION <Note 1	92,222	49,642	42,100	15,204	31%	36%
13	CORPS OF ENGINEERS <Note 1	149,686	167,631	161,270	75,640	45%	47%
14	GENERATION CONSERVATION	-	-	-	-	0%	0%
15	POWER INFORMATION TECHNOLOGY	4,547	5,000	8,177	1,458	29%	18%
16	FISH & WILDLIFE <Note 2	30,795	44,602	40,000	(362)	-1%	-1%
17	LAPSE FACTOR	-	-	-	-	0%	0%
18	TOTAL Power Business Unit	277,250	266,875	251,547	91,940	34%	37%
Corporate Business Unit							
19	CORPORATE BUSINESS UNIT	21,421	15,460	9,078	1,312	8%	14%
20	UNALLOCATED HEADROOM <Note 3	56,000	-	-	-	0%	0%
21	TOTAL Corporate Business Unit	77,421	15,460	9,078	1,312	8%	14%
22	TOTAL BPA Capital Expenditures	\$ 903,976	\$ 818,716	\$ 760,474	\$ 283,187	35%	37%

< 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

Requesting BL: CORPORATE BUSINESS UNIT

Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures by Asset Category

FYTD Through the Month Ended March 31, 2017

Preliminary Unaudited

Run Date/Run Time: April 20, 2017/ 08:45

Data Source: EPMD Data Warehouse via Analysis Services

% of Year Elapsed = 50%

		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	149,089	62,802	42%	42%
2	Sustain	240,406	285,123	279,151	101,800	36%	36%
3	Transmission Asset Category Sub-Total	480,614	435,955	428,241	164,602	38%	38%
4	PPIA						
	Expand	19,357	30,046	6,083	4,161	14%	68%
Facilities Asset Category							
5	Expand		32,399	31,418	10,904	34%	35%
6	Sustain	19,144	5,116	4,961	965	19%	19%
7	Facilities Asset Category Sub-Total	19,144	37,514	36,378	11,869	32%	33%
8	IT Asset Category						
	Expand	3,646	5,382	2,035	929	17%	46%
9	Security Function						
	Sustain	9,769	11,368	11,024	1,253	11%	11%
10	Fleet Function						
	Sustain	10,065	8,336	8,543	549	7%	6%
11	Environment Function						
	Sustain	6,710	7,779	7,544	3,892	50%	52%
12	Capital Indirect						
		-			2,680	0%	0%
13	TOTAL Transmission Business Unit	549,305	536,381	499,849	189,935	35%	38%
Power Business Unit							
14	Bureau of Reclamation						
	Sustain	92,222	49,642	42,100	15,204	31%	36%
15	Corps of Engineers						
	Sustain	149,686	167,631	161,270	75,640	45%	47%
16	Fed Hydro Sub-Total	241,908	217,273	203,370	90,844	42%	45%
17	Generation Conservation						
	Sustain				(1)	0%	0%
18	Fish and Wildlife						
	Fish and Wildlife	30,795	44,602	40,000	(362)	-1%	-1%
19	IT Asset Category						
	Expand	4,547	5,000	8,177	1,459	29%	18%
20	TOTAL Power Business Unit	277,250	266,875	251,547	91,940	34%	37%
Corporate Business Unit							
21	Facilities Asset Category						
	Sustain	2,170			26	0%	0%
22	Unallocated Headroom						
	Expand	56,000				0%	0%
23	IT Asset Category						
	Expand	10,865	5,000	3,349	873	17%	26%
24							
	Sustain	8,386	10,460	5,729	413	4%	7%
25	IT Asset Category Sub-Total	19,251	15,460	9,078	1,286	8%	14%
26	TOTAL Corporate Business Unit	77,421	15,460	9,078	1,312	8%	14%
27	TOTAL BPA Capital Expenditures	\$ 903,976	\$ 818,716	\$ 760,474	\$ 283,187	35%	37%
28	TOTAL Expand	334,623	228,659	200,152	81,127	35%	41%
29	TOTAL Sustain	538,558	545,455	520,322	199,742	37%	38%
30	TOTAL Fish and Wildlife	30,795	44,602	40,000	(362)	-1%	-1%
31	TOTAL Other	-	-	-	2,680	0%	0%
32	TOTAL BPA Capital Expenditures	\$ 903,976	\$ 818,716	\$ 760,474	\$ 283,187	35%	37%

< 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
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$ Thousands

QBR Forecast Analysis: BPA Capital Expenditures
 FYTD Through the Month Ended March 31, 2017
 Preliminary Unaudited

Run Date/Run Time: April 28, 2017 07:10
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		A	B	C
		FY 2017		FY 2017
		Rate Case	Current EOY Forecast	Current EOY Forecast - Rate Case
Transmission Business Unit				
1	MAIN GRID	\$ 172,624	\$ 41,441	\$ (131,183)
2	AREA & CUSTOMER SERVICE	13,458	67,419	53,961
3	SYSTEM REPLACEMENTS	275,051	303,679	28,628
4	UPGRADES & ADDITIONS	62,105	73,683	11,577
5	ENVIRONMENT CAPITAL	6,710	7,544	834
	PFIA	-	-	-
6	MISC. PFIA PROJECTS	6,452	5,527	(925)
7	GENERATOR INTERCONNECTION	12,904	(96)	(13,001)
8	SPECTRUM RELOCATION	-	652	652
9	CAPITAL INDIRECT, undistributed	-	-	-
10	LAPSE FACTOR	-	-	-
11	TOTAL Transmission Business Unit	549,305	499,849	(49,456)
Power Business Unit				
12	BUREAU OF RECLAMATION	92,222	42,100	(50,122)
13	CORPS OF ENGINEERS	149,686	161,270	11,584
14	GENERATION CONSERVATION	-	-	-
15	POWER INFORMATION TECHNOLOGY	4,547	8,177	3,630
16	FISH & WILDLIFE	30,795	40,000	9,205
17	LAPSE FACTOR	-	-	-
18	TOTAL Power Business Unit	277,250	251,547	(25,703)
Corporate Business Unit				
19	CORPORATE BUSINESS UNIT	21,421	9,078	(12,343)
20	UNALLOCATED HEADROOM	56,000	-	(56,000)
21	TOTAL Corporate Business Unit	77,421	9,078	(68,343)
22	TOTAL BPA Capital Expenditures	\$ 903,976	\$ 760,474	\$ (143,502)

Capital Project Status Report

Dennis Naef
Asset Strategist



Major Capital Projects ¹ - End-of-Project Target Performance					Q1 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	\$ 34.4	\$ 29.3	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	\$ 52.0	\$ 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	\$ 12.8	\$ 9.1	9/30/16	4/1/17
Fleet Mobile Equipment Replacement FY17-19	Heavy duty and specialized vehicle replacement program for FY17-19	\$ 17.2	\$ 17.2	\$ -	9/30/19	9/30/19
#KC SONET Phase II Spur Healing	Complete the digital microwave and radio conversion in Oregon.	\$ 18.0	\$ 13.5	\$ 13.3	12/31/15	12/30/19
#NC Analog Microwave Replacement	Complete the digital microwave and radio conversion in NW Washington.	\$ 9.5	\$ 9.2	\$ 8.3	12/31/15	3/31/20
Alvey Substation 500 kV Shunt Reactor	Add a 500 kV shunt reactor for voltage stabilization.	\$ 10.9	\$ 9.9	\$ 9.4	4/30/12	12/30/16
NEPA - I-5 Corridor Reinforcement	Conduct NEPA study, preliminary engineering and design.	\$ 85.0	\$ 93.9	\$ 85.3	12/31/15	9/29/17
Big Eddy - Knight (West of McNary Reinforcement Group 2)	New 500 kV substation and 28 miles of 500 kV transmission line.	\$ 180.0	\$ 197.0	\$ 191.2	11/30/14	11/30/17
Ross - Schultz Fiber Replacement	Replace the obsolete and limited 36 strand fiber with standard 72 strand fiber.	\$ 34.0	\$ 29.9	\$ 15.5	9/15/17	11/16/20
#DC Microwave Analog Spur Replacement	Complete the digital microwave and radio conversion in Northeast Washington.	\$ 39.5	\$ 35.0	\$ 34.7	8/30/17	7/15/18
P25 Two-Way Mobile Radio Upgrade	Replace and upgrade the mobile radio system to P25 technology.	\$ 64.5	\$ 60.8	\$ 12.6	9/30/17	12/22/23
Pacific DC Intertie Upgrade - Line Work	Upgrade the DC line in conjunction with the Celilo converter station modernization.	\$ 40.0	\$ 80.2	\$ 80.1	10/31/17	11/30/16
Puget Sound Area Northern Intertie (PSANI) Memorandum of Agreement	Install a 500/230 kV transformer bank addition at Raver Substation.	\$ 56.4	\$ 36.7	\$ 26.3	9/30/16	12/2/17
Lower Valley Area Reinforcement (Hooper Springs)	Construct substation and 24 miles of line to address reliability issues in the Lower Valley Area.	\$ 63.8	\$ 66.0	\$ 19.8	9/30/17	11/30/18
#JC Microwave Upgrade	Complete the digital conversion for the upper part of the #JC communications ring.	\$ 13.5	\$ 11.9	\$ 9.1	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	\$ 39.6	\$ 16.8	3/30/17	12/28/18
McNary Substation - Additional 500 kV Transformer	Install an additional transformer bank to handle increased loading.	\$ 20.2	\$ 28.9	\$ 28.1	5/30/17	2/15/17
Paul Substation Shunt Reactor Addition	Install an additional reactor in the Portland area for voltage control.	\$ 9.5	\$ 14.6	\$ 11.5	4/30/16	6/30/17
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	\$ 19.9	\$ 7.2	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	\$ 7.6	\$ 4.5	9/30/18	5/27/17
Midway-Grandview No. 1 Line Upgrade	Rebuild 25 mile line to avoid risk of thermal overload.	\$ 18.6	\$ 12.8	\$ 4.6	4/30/18	4/30/18

This information has been made publicly available by BPA on 2/21/2017 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

Q1 2017

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Transmission - continued						
Kalispell - Hot Springs Fiber	Install fiber optic cable and associated SONET, RAS and transfer trip equipment.	\$ 7.9	\$ 6.3	\$ 0.1	6/30/19	6/30/19
Steel Lines Sustain Program FY 2017	One-year asset replacement plan based on asset strategy analysis.	\$6.0 to \$8.0	\$ 8.0	\$ 0.0	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	\$ 36.0	\$ 6.0	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	\$ 3.2	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	\$ 7.0	\$ 0.6	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	\$ 5.7	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	\$ 18.3	\$ 5.5	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	\$ 16.9	\$ 2.5	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	\$ 20.0	\$ 2.5	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	\$ 6.6	\$ 0.9	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	\$ 69.2	\$ 53.7	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.	\$ 123.0	\$ 123.0	\$ 0.5	12/2/23	12/31/29
Grand Coulee Exciter Replacements G1-G18	Replace the excitation equipment for all 18 units.	\$ 50.6	\$ 26.6	\$ 0.3	12/2/23	7/2/29
Grand Coulee Governor Replacements G1-G18	Replace the governors and related equipment for all 18 units.	\$ 10.9	\$ 10.9	\$ 0.3	12/2/23	7/2/29
Grand Coulee Transformer Replacements G11-G18	Replace 24 single-phase transformers in the Right Powerhouse.	\$ 32.5	\$ 32.6	\$ 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	\$ 10.6	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	11/1/18

This information has been made publicly available by BPA on 2/21/2017 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 Projects ¹ - End-of-Project Target Performance					Q1 2017	
Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Federal Hydro - continued						
Grand Coulee Firehouse	Build a stand-alone fire station to replace the facility currently housed in the pump-generating plant.	\$ 14.6	\$ 14.6	\$ 1.6	1/1/18	1/1/18
Chief Joseph Turbine Runner Replacements Units 1 - 16	Replace the turbine runners and rehabilitate the turbines on units 1 - 16.	\$ 166.0	\$ 176.0	\$ 162.5	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	\$ 7.6	8/19/17	8/16/17
The Dalles Transformer Replacements	Replace 7 transformer banks - TA, T1, T3, T5, T6, T7, T8	\$ 37.0	\$ 35.8	\$ 3.5	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	\$ 1.1	9/30/19	9/30/19
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	\$ 29.1	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.	\$ 42.0	\$ 36.0	\$ 14.2	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.	N/A ⁴	N/A ⁴	\$ 1.4	12/31/18	11/17/22
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	\$ 8.5	\$ 6.3	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	\$ 0.8	2/1/20	2/1/20
Dworshak U3 Stator and Coolers	Replace the winding, core and air coolers.	N/A ⁴	N/A ⁴	\$ 5.5	6/1/17	7/3/17
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	\$ 34.6	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	\$ 0.6	3/31/20	4/1/19
Lower Granite U1 Linkage Upgrade	Upgrade the U1 turbine linkage to restore full Kaplan capability.	\$ 7.6	\$ 7.2	\$ 3.9	9/9/16	4/28/17
Lower Monumental U1 Linkage Refurbishment	Refurbish turbine linkage and rewind generator.	\$ 14.8	\$ 16.8	\$ 8.6	3/1/16	6/30/17
Hills Creek Powerhouse Turbine and Unit Rehabilitation	Replace turbine runners and generator windings on units 1 and 2 at Hills Creek.	\$ 24.1	\$ 22.4	\$ 22.2	8/12/14	10/3/16
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	9/1/21
Black Canyon Switchyard Replacement	Replace and relocate the switchyard.	N/A ⁴	N/A ⁴	\$ -	5/1/19	4/23/21
Palisades Turbine Rehabilitation and Runner Replacement	Replace the turbine runners and rehabilitate the turbines on the four Palisades units.	\$ 28.8	\$ 30.2	\$ 29.7	5/31/16	5/31/17
Willamette Valley and Lost Creek GDACS	Install Generic Data Acquisition and Control Systems to replace existing SCADA systems.	N/A ⁴	N/A ⁴	\$ 2.2	1/1/20	1/1/20

This information has been made publicly available by BPA on 2/21/2017 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 Projects ¹ - End-of-Project Target Performance					Q1 2017	
					Direct Capital \$M ²	
Project	Description	Target	Forecast	Actual ³	Target	Forecast
Facilities						
Ross HMEM Garage	Construct a Heavy Mobile Equipment Mechanic facility on the Ross Complex.	N/A ⁴	N/A ⁴	\$ -	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	\$ 18.6	\$ 6.9	12/31/17	10/23/17

Summary			
Transmission	\$ 1,035.0	\$ 1,090.0	\$ 695.0
Federal Hydro	856.2	864.2	417.1
IT	-	-	-
Facilities	20.6	18.6	6.9
Total	\$ 1,911.8	\$ 1,972.8	\$ 1,119.0

This information has been made publicly available by BPA on 2/21/2017 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

Jenny Hurlburt
Public Utilities Specialist

Janice Johnson
Accountant



Q2 Forecast of 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	
October 31, 2017 Fourth Quarter Business Review	
Actual Slice True-Up Adjustment Charge/Credit	

*Negative = Credit; Positive = Charge

Summary of Differences From Q2 Forecast to FY 17(BP-16)

#		Composite Cost Pool True-Up Table Reference	QTR2 – Rate Case \$ in thousands
1	Total Expenses	Row 103	\$(439,459)
2	Total Revenue Credits	Rows 123 + 132	\$(25,695)
3	Minimum Required Net Revenue	Row 149	\$393,825
4	TOTAL Composite Cost Pool (1 - 2 + 3) \$(439,442K)-\$(25,695)+\$393,825K = \$(19,939K)	Row 155	\$(19,939)
5	TOTAL in line 4 divided by <u>0.9723750</u> sum of TOCAs \$(19,939) / <u>0.9723750</u> = \$(20,506)K	Row 157	\$(20,506)
6	QTR Forecast of FY 17 True-up Adjustment 26.61865 percent of Total in line 5 0.2661865* \$ (20,506K) = \$(5,458K)	Row 158	\$(5,458)

Q2-Q1 Line Item Impacts on Slice True-Up

#	Line Item	CCP Reference	\$\$ Impact in millions
1	Operating Generation	Row 8	(7.1)
2	Trojan Decommissioning	Row 14	(0.7)
3	Other Power Purchases (NTSA & LCA)	Row 19	14.4
4	Generation Conservation	Row 39	(4.4)
5	Operations Scheduling	Row 52	(0.7)
6	Marketing & Bus. Supp.	Row 59	(6.3)
7	PS – 3 rd Party Trans & Ancillary Svcs	Row 63	2.3
8	Fish & Wildlife/Lower Snake/Council	Row 73	(11.2)
9	BPA Internal Support	Row 81	(0.8)
10	Energy Northwest Debt Service	Row 87	2.8
11	LDD	Row 100	1.6
12	4h10C revenue credit	Row 108	10.8
13	Miscellaneous revenues	Row 112	(0.9)
14	Principal Payment of Non-Federal Debt	Row 136	(9.9)
	Total		(10.2)

FY17 Impacts of Debt Management Actions

#	Description	FY17 Q2 QBR	CCP	Delta from the FY17 rate case
1	Expense Offset			
2	FY17 Energy Efficiency offset	\$ (67,685,000)		
3	2017 DSR ^{Note 1}	\$ (30,101,230)		\$ (30,101,230)
4	Total Expense Offset	\$ (97,786,230)	row 80	
5	<u>MRNR Section of Composite Cost Pool Table</u>			
6	Principal Payment of Federal Debt			
7	2017 Regional Cooperation Debt (RCD)	\$ 117,157,477		\$ 117,157,477
8	2017 Debt Service Reassignment (DSR)	\$ 30,101,230		\$ 30,101,230
9	Prepay	\$ 81,611,293		\$ 81,611,293
10	Energy Northwest's Line Of Credit (LOC)	\$ 500,000,000		\$ 500,000,000
11	Rate Case Amount of scheduled Power Principal	\$ 109,429,000		
12	Total Principal Payment of Fed Debt ^{Note 2}	\$ 838,299,000	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}	\$ 500,000,000	row 142	\$ (500,000,000)
16	Energy Northwest Debt Service			
17	COLUMBIA GENERATING STATION DEBT SVC	\$ 119,456,824	row 83	\$ (8,009,043)
18	WNP-1 DEBT SVC	\$ 35,088,832	row 84	\$ (166,715,320)
19	WNP-3 DEBT SVC	\$ 59,047,819	row 85	\$ (197,284,008)
	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)

Q2 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	0.47%
5	Composite Interest Credit	(2,689)
6	Prepay Offset Credit	(116)
7	Total Interest Credit for Power Services	(1,727)
8	Non-Slice Interest Credit (Line 7 – (Line 5 + Line 6))	1,078

Net Interest Expense in Slice True-Up Forecast

	FY17 Rate Case	Q2 Forecast
	<u>(\$ in thousands)</u>	<u>(\$ in thousands)</u>
• Federal Appropriation	186,051	115,582
• Capitalization Adjustment	(45,937)	(45,937)
• Borrowings from US Treasury	69,299	53,896
• Prepay Interest Expense	12,469	12,469
• Interest Expense	221,882	136,010
• AFUDC	(11,360)	(9,900)
• Interest Income (composite)	(15,226)	(2,689)
• Prepay Offset Credit	(0)	(116)
• Total Net Interest Expense	195,296	123,305

Appendix



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 updates this 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: 0020FY17 Requesting BL: CORPORATE BUSINESS UNIT Unit of measure: \$ Thousands
FCRPS Summary Statement of Revenues and Expenses Through the Month Ended March 31, 2017 Preliminary/ Unaudited
 Run Date/Run Time: April 28,2017/ 06:59 Data Source: EPM Data Warehouse % of Year Elapsed = 50%

	FY 2016		FY 2017		FY 2017
	Actuals: FYTD	Actuals	SOY Budget	Current EOY Forecast	
Operating Revenues					
1 Gross Sales (excluding bookout adjustment) <Note 3	\$ 1,732,479	\$ 3,305,572	\$ 3,420,217	\$ 3,471,409	\$ 1,814,080
2 Bookout adjustment to Sales	(13,653)	(22,064)	-	(9,212)	(9,212)
3 Miscellaneous Revenues	40,571	71,913	72,355	73,036	35,600
4 U.S. Treasury Credits	47,756	77,228	95,236	70,066	34,047
5 Total Operating Revenues	1,807,152	3,432,649	3,587,808	3,605,299	1,874,515
Operating Expenses					
Power System Generation Resources					
6 Operating Generation Resources					
7 Columbia Generating Station	114,953	258,587	319,053	318,514	171,164
8 Bureau of Reclamation	53,251	132,756	157,621	157,621	73,056
9 Corps of Engineers	101,763	237,966	250,981	243,981	109,179
10 Long-term Contract Generating Projects	13,128	20,455	15,546	11,570	5,294
11 Operating Generation Settlement Payment	7,670	17,496	22,234	16,667	6,841
12 Non-Operating Generation	716	1,239	1,482	765	184
13 Gross Contracted Power Purchases and Augmentation Power Purch	81,179	133,893	86,812	108,439	68,431
14 Bookout Adjustment to Power Purchases	(13,653)	(22,064)	-	(9,212)	(9,212)
15 Exchanges & Settlements <Note 3	122,080	218,717	219,003	219,003	122,427
16 Renewables	17,233	36,244	40,531	40,341	15,279
17 Generation Conservation	49,633	123,484	131,614	126,891	59,252
Subtotal Power System Generation Resources	547,952	1,158,774	1,244,877	1,234,579	621,896
18 Power Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	30,281	61,473	91,845	95,182	42,674
19 Power Services Non-Generation Operations	36,730	78,653	91,053	80,408	37,263
20 Transmission Operations	68,130	145,216	167,501	157,411	69,189
21 Transmission Maintenance	72,193	157,455	169,824	167,263	72,729
22 Transmission Engineering	22,290	51,168	57,929	51,560	23,786
23 Trans Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	4,560	13,856	30,873	26,280	6,249
24 Transmission Reimbursables	9,595	15,376	9,922	9,921	6,727
25 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	152,401	296,587	317,940	306,790	144,160
BPA Internal Support					
26 Additional Post-Retirement Contribution	19,143	34,183	35,671	29,530	13,292
27 Agency Services G&A	62,929	131,375	133,756	126,990	57,063
28 Other Income, Expenses & Adjustments	3,771	(7,161)	(38,288)	1,245	3,480
29 Non-Federal Debt Service	129,197	249,246	245,187	246,304	115,916
30 Depreciation & Amortization	230,139	471,118	490,550	488,950	242,137
31 Total Operating Expenses	1,389,310	2,857,318	3,048,640	3,022,414	1,456,563
32 Net Operating Revenues (Expenses)	417,842	575,331	539,168	582,885	417,953
Interest Expense and (Income)					
33 Interest Expense	173,959	353,834	293,757	287,058	141,432
34 AFUDC	(23,721)	(40,304)	(35,702)	(33,255)	(17,227)
35 Interest Income	(3,258)	(15,362)	(9,070)	(4,103)	(1,789)
36 Net Interest Expense (Income)	146,980	298,169	248,985	249,699	122,416
37 Net Revenues (Expenses)	\$ 270,862	\$ 277,161	\$ 290,183	\$ 333,185	\$ 295,537
38 Transmission Net Revenues (Expenses)	84,085	101,902	41,619	66,971	70,569
39 Power Net Revenues (Expenses)	190,544	182,805	268,125	273,577	228,906
40 Net Revenue Modifications <Note 4	(157,662)	(315,646)	(343,042)	(343,042)	(160,235)
41 Adjusted Net Revenues	\$ 116,967	\$ (30,939)	\$ (33,297)	\$ (2,494)	\$ 139,239

<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: April 28, 2017 06:59

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	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	\$ 2,556,222	\$ 1,347,308	53%
2 Bookout Adjustment to Sales	(22,064)	-	-	(9,212)	(9,212)	100%
3 Miscellaneous Revenues	27,880	29,580	29,924	31,045	15,035	48%
4 Inter-Business Unit	115,354	115,750	118,991	118,622	55,051	46%
5 U.S. Treasury Credits	77,228	92,386	95,236	70,066	34,047	49%
6 Total Operating Revenues	2,600,762	2,798,058	2,741,615	2,766,742	1,442,230	52%
Operating Expenses						
Power System Generation Resources						
Operating Generation						
7 COLUMBIA GENERATING STATION	258,587	322,473	319,053	318,514	171,164	54%
8 BUREAU OF RECLAMATION	132,756	158,121	157,621	157,621	73,056	46%
9 CORPS OF ENGINEERS	237,966	250,981	250,981	243,981	109,179	45%
10 LONG-TERM CONTRACT GENERATING PROJECTS	20,455	17,034	15,546	11,570	5,294	46%
11 Sub-Total	649,764	748,609	743,201	731,686	358,694	49%
Operating Generation Settlements and Other Payments						
12 COLVILLE GENERATION SETTLEMENT	17,496	19,651	22,234	16,667	6,841	41%
13 Sub-Total	17,496	19,651	22,234	16,667	6,841	41%
Non-Operating Generation						
14 TROJAN DECOMMISSIONING	734	800	1,000	300	(55)	-118%
15 WNP-1&3 O&M	506	1,063	482	465	239	51%
16 Sub-Total	1,239	1,863	1,482	765	184	24%
Gross Contracted Power Purchases (excluding bookout adjustments)						
17 PNCA HEADWATER BENEFITS	2,297	3,000	3,100	2,480	1,240	50%
18 PURCHASES FOR SERVICE AT TIER 2 RATES	22,057	26,582	24,382	26,582	12,768	48%
19 OTHER POWER PURCHASES - (e.g. Short-Term)	109,540	52,261	59,330	79,377	54,423	69%
20 Sub-Total	133,893	81,843	86,812	108,439	68,431	63%
21 Bookout Adjustments to Contracted Power Purchases	(22,064)	-	-	(9,212)	(9,212)	100%
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	122,427	56%
25 Sub-Total	218,717	219,003	219,003	219,003	122,427	56%
Renewable Generation						
26 RENEWABLES	36,284	41,641	40,623	40,341	15,287	38%
27 Sub-Total	\$ 36,284	\$ 41,641	\$ 40,623	\$ 40,341	\$ 15,287	38%

Report ID: 0060FY17

Power Services Detailed Statement of Revenues and Expenses

Run Date\Time: April 28, 2017 06:59

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

		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	76,323	38,979	51%
30	CONSERVATION INFRASTRUCTURE	22,826	104,702	26,925	22,943	8,954	39%
31	DR & SMART GRID	947	1,245	1,550	1,188	360	30%
32	LOW INCOME ENERGY EFFICIENCY	5,361	5,422	5,422	5,422	2,532	47%
33	REIMBURSABLE ENERGY EFFICIENCY DEVELOPMENT	4,812	7,000	8,000	7,917	1,917	24%
34	LEGACY	566	605	590	590	378	64%
35	MARKET TRANSFORMATION	12,213	12,691	12,803	12,507	6,132	49%
36	CONSERVATION RATE CREDIT (CRC)	-	-	-	-	-	0%
37	Sub-Total	123,484	131,665	131,614	126,891	59,252	47%
38	Power System Generation Sub-Total	1,158,813	1,265,221	1,244,969	1,234,579	621,904	50%
Power Non-Generation Operations							
Power Services System Operations							
39	INFORMATION TECHNOLOGY	5,904	5,910	7,198	7,047	2,593	37%
40	GENERATION PROJECT COORDINATION	5,894	7,845	6,296	5,963	2,468	41%
41	SLICE IMPLEMENTATION	810	1,131	953	489	275	56%
42	Sub-Total	12,608	14,886	14,447	13,499	5,336	40%
Power Services Scheduling							
43	OPERATIONS SCHEDULING	8,889	10,496	9,459	8,898	4,383	49%
44	OPERATIONS PLANNING	6,468	7,255	8,236	7,613	3,226	42%
45	Sub-Total	15,358	17,751	17,694	16,511	7,610	46%
Power Services Marketing and Business Support							
46	POWER R&D	6,033	6,046	4,791	4,276	2,537	59%
47	SALES & SUPPORT	19,886	24,765	22,265	19,588	9,812	50%
48	STRATEGY, FINANCE & RISK MGMT <Note 3	12,432	22,256	17,952	14,877	6,582	44%
49	EXECUTIVE AND ADMINISTRATIVE SERVICES	4,123	4,402	4,491	3,417	1,320	39%
50	CONSERVATION SUPPORT	8,224	9,731	9,412	8,239	4,072	49%
51	Sub-Total	50,698	67,199	58,911	50,398	24,323	48%
52	Power Non-Generation Operations Sub-Total	78,663	99,836	91,053	80,408	37,268	46%
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	112,806	48,988	43%
54	3RD PARTY GTA WHEELING	58,453	76,521	89,594	92,844	38,638	42%
55	POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	3,020	2,428	2,251	2,338	4,036	173%
56	GENERATION INTEGRATION / WIT-TS	12,952	12,074	12,074	12,074	6,037	50%
57	TELEMETERING/EQUIP REPLACEMT	-	-	-	-	-	0%
58	Power Srvc Trans Acquisition and Ancillary Services Sub-Total	174,913	195,831	203,295	220,063	97,699	44%
Fish and Wildlife/USF&W/Planning Council/Environmental Req							
BPA Fish and Wildlife							
59	Fish & Wildlife	258,142	274,000	274,000	263,869	123,250	47%
60	USF&W Lower Snake Hatcheries	28,645	32,949	32,949	31,949	16,283	51%
61	Planning Council	10,720	11,446	11,590	11,570	4,985	43%
62	Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 297,508	\$ 318,395	\$ 318,539	\$ 307,389	\$ 144,518	47%

Report ID: 0060FY17

Power Services Detailed Statement of Revenues and Expenses

Run Date/Time: April 28, 2017 06:59

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended March 31, 2017

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 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	\$ 6,148	41%
64 Agency Services G&A (excludes direct project support)	60,230	55,168	60,109	58,261	25,833	44%
65 BPA Internal Support Sub-Total	77,974	74,646	78,758	73,119	31,982	44%
66 Bad Debt Expense	4	-	-	(3)	(3)	100%
67 Other Income, Expenses, Adjustments	(390)	(129,463)	(26,600)	993	943	95%
Non-Federal Debt Service						
Energy Northwest Debt Service						
68 COLUMBIA GENERATING STATION DEBT SVC	96,026	127,466	114,934	119,457	53,481	45%
69 WNP-1 DEBT SVC	43,227	201,804	31,590	35,089	17,062	49%
70 WNP-3 DEBT SVC	69,102	256,332	57,767	59,048	29,019	49%
71 Sub-Total	208,356	585,602	204,291	213,594	99,562	47%
Non-Energy Northwest Debt Service						
72 CONSERVATION DEBT SVC	-	-	-	-	-	0%
73 COWLITZ FALLS DEBT SVC	7,299	7,303	7,302	7,302	3,651	50%
74 NORTHERN WASCO DEBT SVC	1,931	1,935	1,935	1,935	967	50%
75 Sub-Total	9,231	9,237	9,237	9,237	4,618	50%
76 Non-Federal Debt Service Sub-Total	217,587	594,839	213,528	222,831	104,180	47%
77 Depreciation	138,546	143,468	143,468	142,468	70,447	49%
78 Amortization	88,414	85,034	87,534	86,934	42,519	49%
79 Total Operating Expenses	2,232,031	2,647,809	2,354,544	2,368,782	1,151,457	49%
80 Net Operating Revenues (Expenses)	368,730	150,249	387,071	397,960	290,773	73%
Interest Expense and (Income)						
81 Federal Appropriation	188,926	186,051	115,921	115,582	57,790	50%
82 Capitalization Adjustment	(45,937)	(45,937)	(45,937)	(45,937)	(22,968)	50%
83 Borrowings from US Treasury	50,330	69,299	53,048	53,896	26,367	49%
84 Customer Prepaid Power Purchases	13,273	12,469	12,469	12,469	6,337	51%
85 AFUDC	(9,262)	(11,360)	(11,360)	(9,900)	(5,058)	51%
86 Interest Income	(11,405)	(19,456)	(5,195)	(1,727)	(601)	35%
87 Net Interest Expense (Income)	185,925	191,065	118,947	124,384	61,867	50%
88 Total Expenses	2,417,957	2,838,874	2,473,490	2,493,165	1,213,324	49%
89 Net Revenues (Expenses)	\$ 182,805	\$ (40,815)	\$ 268,125	\$ 273,577	\$ 228,906	84%

<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: April 28, 2017 07:01

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	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		\$ 943,997	\$ 922,753	\$ 915,107		
Network						
1 Network Integration	\$ 129,695	\$ 133,090	\$ 131,143	\$ 133,348	\$ 73,275	55%
2 Other Network	436,310	461,684	451,685	442,660	221,636	50%
3 Intertie	73,891	78,630	76,368	78,376	36,850	47%
4 Other Direct Sales	263,312	270,592	263,557	260,803	135,012	52%
5 Miscellaneous Revenues	44,033	39,154	42,431	41,991	20,565	49%
6 Inter-Business Unit Revenues	114,459	117,591	112,403	124,977	55,407	44%
7 Total Operating Revenues	1,061,700	1,100,742	1,077,587	1,082,156	542,744	50%
Operating Expenses						
Transmission Operations						
System Operations						
8 INFORMATION TECHNOLOGY	9,436	10,558	7,298	9,216	4,487	49%
9 POWER SYSTEM DISPATCHING	13,913	13,671	12,895	13,945	6,711	48%
10 CONTROL CENTER SUPPORT	23,066	18,757	25,178	24,959	12,512	50%
11 TECHNICAL OPERATIONS <Note 2	7,750	6,983	14,168	11,181	3,374	30%
12 STRATEGIC INTEGRATION	2,414	7,555	1,607	1,813	1,124	62%
13 SUBSTATION OPERATIONS	23,572	21,817	24,507	24,078	11,651	48%
14 Sub-Total	80,151	79,341	85,653	85,192	39,860	47%
Scheduling						
15 RESERVATIONS	1,167	1,383	1,227	1,044	582	56%
16 PRE-SCHEDULING	382	276	284	284	124	44%
17 REAL-TIME SCHEDULING	4,739	5,169	5,789	5,049	2,475	49%
18 SCHEDULING TECHNICAL SUPPORT	3,641	4,259	4,751	4,562	1,847	40%
19 SCHEDULING AFTER-THE-FACT	273	289	277	277	147	53%
20 Sub-Total	10,202	11,376	12,328	11,216	5,175	46%
Marketing and Business Support						
21 TRANSMISSION SALES	2,299	2,775	2,834	2,621	1,213	46%
22 MKTG TRANSMISSION FINANCE	-	-	-	-	-	0%
23 MKTG CONTRACT MANAGEMENT	4,453	4,984	4,946	4,662	2,316	50%
24 MKTG TRANSMISSION BILLING	2,318	3,377	2,433	2,315	1,075	46%
25 MKTG BUSINESS STRAT & ASSESS <Note 3	6,836	7,291	6,877	6,575	3,544	54%
26 Marketing Sub-Total	15,906	18,426	17,089	16,173	8,148	50%
27 EXECUTIVE AND ADMIN SERVICES	16,630	27,540	28,608	21,464	8,170	38%
28 LEGAL SUPPORT	2,611	3,548	1,641	1,395	1,098	79%
29 TRANS SERVICES INTERNAL GENERAL & ADMINISTRATIVE <Note 4	11,047	13,135	14,777	13,822	3,194	23%
30 AIRCRAFT SERVICES	1,094	2,230	2,489	2,467	404	16%
31 LOGISTICS SERVICES	6,685	4,488	4,354	5,082	2,902	57%
32 SECURITY ENHANCEMENTS	889	716	561	600	237	40%
33 Business Support Sub-Total	38,957	51,657	52,432	44,830	16,006	36%
34 Transmission Operations Sub-Total	\$ 145,216	\$ 160,800	\$ 167,501	\$ 157,411	\$ 69,189	44%

Report ID: 0061FY17

Transmission Services Detailed Statement of Revenues and Expenses

Run Date/Time: April 28, 2017 07:01

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	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
Transmission Maintenance						
System Maintenance						
35 NON-ELECTRIC MAINTENANCE	\$ 27,546	\$ 31,424	\$ 28,233	\$ 27,976	\$ 11,193	40%
36 SUBSTATION MAINTENANCE	31,125	29,043	32,267	31,353	14,011	45%
37 TRANSMISSION LINE MAINTENANCE	25,564	27,482	31,119	30,623	14,540	47%
38 SYSTEM PROTECTION CONTROL MAINTENANCE	13,222	13,741	14,198	13,835	7,056	51%
39 POWER SYSTEM CONTROL MAINTENANCE	19,095	18,507	19,706	19,506	9,148	47%
40 JOINT COST MAINTENANCE	230	113	8	8	88	1038%
41 SYSTEM MAINTENANCE MANAGEMENT	8,555	9,556	9,495	9,403	4,386	47%
42 ROW MAINTENANCE	7,785	10,162	8,858	8,842	3,737	42%
43 HEAVY MOBILE EQUIP MAINT	312	()	()	-	(135)	0%
44 TECHNICAL TRAINING	2,719	2,418	2,735	2,735	1,312	48%
45 VEGETATION MANAGEMENT	16,489	17,039	18,480	18,479	5,819	31%
46 Sub-Total	152,640	159,485	165,098	162,758	71,155	44%
Environmental Operations						
47 ENVIRONMENTAL ANALYSIS	6	-	-	-	1	0%
48 POLLUTION PREVENTION AND ABATEMENT	4,808	4,787	4,726	4,505	1,573	35%
49 Sub-Total	4,815	4,787	4,726	4,505	1,573	35%
50 Transmission Maintenance Sub-Total	157,455	164,272	169,824	167,263	72,729	43%
Transmission Engineering						
System Development						
51 RESEARCH & DEVELOPMENT	7,458	9,555	6,961	6,214	3,696	59%
52 TSD PLANNING AND ANALYSIS	18,059	16,738	25,241	21,038	10,413	49%
53 CAPITAL TO EXPENSE TRANSFER	8,951	4,351	4,211	4,227	1,886	45%
54 NERC / WECC COMPLIANCE	14,052	20,422	17,585	16,241	6,211	38%
55 ENVIRONMENTAL POLICY/PLANNING	1,251	1,642	1,633	1,602	555	35%
56 ENG RATING AND COMPLIANCE	1,399	2,207	2,298	2,238	1,025	46%
57 Sub-Total	51,168	54,915	57,929	51,560	23,786	46%
58 Transmission Engineering Sub-Total	51,168	54,915	57,929	51,560	23,786	46%
Trans. Services Transmission Acquisition and Ancillary Services						
BBL Acquisition and Ancillary Products and Services						
59 ANCILLARY SERVICES PAYMENTS	103,366	101,027	103,653	106,534	49,021	46%
60 OTHER PAYMENTS TO POWER SERVICES	9,393	9,617	9,395	9,394	4,696	50%
61 STATION SERVICES PAYMENTS	2,595	2,785	2,704	2,704	1,334	49%
62 Sub-Total	115,354	113,429	115,752	118,633	55,051	46%
Non-BBL Acquisition and Ancillary Products and Services						
63 LEASED FACILITIES	7,533	7,447	6,849	6,849	3,415	50%
64 GENERAL TRANSFER AGREEMENTS (SETTLEMENT)	1,344	18	2	2	7	291%
65 NON-BBL ANCILLARY SERVICES	4,932	18,560	18,865	13,049	2,147	16%
66 OVERSUPPLY DISPLACEMENT COSTS	-	-	-	-	427	0%
67 RELIABILITY DEMAND RESPONSE/REDISPATCH	46	1,328	5,155	6,378	253	4%
68 Sub-Total	13,856	27,353	30,872	26,279	6,249	24%
69 Trans. Svcs. Acquisition and Ancillary Services Sub-Total	129,210	140,782	146,623	144,912	61,301	42%
Transmission Reimbursables						
Reimbursables						
70 EXTERNAL REIMBURSABLE SERVICES	13,624	8,615	8,802	8,800	5,978	68%
71 INTERNAL REIMBURSABLE SERVICES	1,752	1,120	1,120	1,121	749	67%
72 Sub-Total	15,376	9,735	9,922	9,921	6,727	68%
73 Transmission Reimbursables Sub-Total	\$ 15,376	\$ 9,735	\$ 9,922	\$ 9,921	\$ 6,727	68%

Report ID: 0061FY17

Transmission Services Detailed Statement of Revenues and Expenses

Run Date/Time: April 28, 2017 07:01

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended March 31, 2017

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 50%

	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	\$ 7,143	49%
75 Agency Services G & A (excludes direct project support)	71,144	64,775	73,647	68,728	31,230	45%
76 BPA Internal Support Subtotal	87,584	84,523	90,670	83,400	38,373	46%
Other Income, Expenses, and Adjustments						
77 Bad Debt Expense	10	-	-	10	10	100%
78 Other Income, Expenses, Adjustments	(6,737)	-	-	245	2,541	1037%
79 Undistributed Reduction	-	(2,100)	(11,688)	-	-	0%
80 Depreciation	241,985	257,416	257,416	257,416	128,096	50%
81 Amortization	2,174	2,132	2,132	2,132	1,075	50%
82 Total Operating Expenses	823,440	872,475	890,328	874,270	403,827	46%
83 Net Operating Revenues (Expenses)	238,260	228,267	187,259	207,885	138,917	67%
Interest Expense and (Income)						
84 Federal Appropriation	14,059	8,954	8,628	8,628	4,314	50%
85 Capitalization Adjustment	(18,968)	(18,968)	(18,968)	(18,968)	(9,484)	50%
86 Borrowings from US Treasury	91,889	138,723	93,979	94,629	46,740	49%
87 Debt Service Reassignment	24,114	15,810	15,601	15,599	7,799	50%
88 Customer Advances	5,648	6,041	4,738	5,377	2,290	43%
89 Lease Financing	54,614	55,408	69,878	61,382	30,045	49%
90 AFUDC	(31,042)	(41,346)	(24,342)	(23,355)	(12,169)	52%
91 Interest Income	(3,957)	(16,310)	(3,875)	(2,377)	(1,188)	50%
92 Net Interest Expense (Income)	136,358	148,313	145,640	140,914	68,349	49%
93 Total Expenses	959,798	1,020,788	1,035,968	1,015,185	472,175	47%
94 Net Revenues (Expenses)	\$ 101,902	\$ 79,954	\$ 41,619	\$ 66,971	\$ 70,569	105%

<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 March 31, 2017
 Preliminary Unaudited

Run Date/Run Time: April 28, 2017/ 13:34
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		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	CENTRAL OREGON REINFORCEMENT	\$ -	\$ -		\$ -		0%		0%
2	BIG EDDY-KNIGHT 500kv PROJECT	11,338	11,299		4,452		39%		39%
5	I-5 CORRIDOR UPGRADE PROJECT	12,306	12,264		9,195		75%		75%
6	CENTRAL FERRY- LOWER MONUMNTAL	-	-		134		0%		0%
7	PORTLAND-VANCOUVER	-	-		-		0%		0%
8	MONTANA MONTANA TO NW TRANS AREA	380	379		499		131%		132%
9	MISC. MAIN GRID PROJECTS	682	412		(39)		-6%		-10%
10	SEATTLE TO PORTLAND TRANS AREA	12,444	12,402		85		1%		1%
11	PUDGET SOUND TRANS AREA	4,701	4,685		175		4%		4%
12	TOTAL MAIN GRID	41,850	41,441		14,500		35%		35%
AREA & CUSTOMER SERVICE									
13	CITY OF CENTRALIA PROJECT	-	-		5		0%		0%
14	SOUTHERN IDAHO NW WYOMING AREA	22,814	22,737		2,489		11%		11%
15	LONGVIEW AREA	-	-		15		0%		0%
16	NW MONTANA AREA	1,936	1,929		161		8%		8%
17	MISC. AREA & CUSTOMER SERVICE	3,481	3,033		627		18%		21%
18	CENTRAL OREGON AREA	138	138		30		22%		22%
19	CENTRALIA-CHEHALIS AREA	1,037	1,033		3,852		371%		373%
20	DE MOSS-FOSSIL AREA	1,936	1,929		206		11%		11%
21	EUGENE AREA	1,072	1,068		1,476		138%		138%
22	HOOD RIVER-THE DALLES AREA	864	861		293		34%		34%
23	MID-COLUMBIA AREA	277	276		263		95%		95%
24	NORTH IDAHO AREA	35	34		11		31%		31%
25	NORTH OREGON COAST AREA	-	-		(343)		0%		0%
26	OLYMPIC PENINSULA AREA	35	34		606		1754%		1759%
27	PORTLAND AREA	35	34		47		137%		138%
28	SALEM-ALBANY AREA	1,348	1,344		66		5%		5%
29	SEATTLE-TACOMA-OLYMPIA AREA	23,505	23,425		5,979		25%		26%
30	SOUTH OREGON COAST AREA	-	-		46		0%		0%
31	SW WASHINGTON COAST AREA	104	103		(1)		-1%		-1%
32	SPOKANE-COLVILLE-BOUNDARY AREA	-	-		155		0%		0%
33	TRI-CITES SERVICE AREA	9,264	9,232		10,010		108%		108%
34	VANCOUVER AREA	173	172		78		45%		45%
35	WALLA WALLA WALLA AREA	35	34		(0)		0%		0%
36	TOTAL AREA & CUSTOMER SERVICE	\$ 68,086	\$ 67,419		\$ 26,071		38%		39%

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 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended March 31, 2017
 Preliminary Unaudited

Run Date/Run Time: April 28, 2017/ 13:34
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 50%

		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											
37	TEAP - TOOLS	\$ 1,000	\$ 1,378	\$ 304	30%	22%					
38	TEAP - EQUIPMENT	8,336	8,543	549	7%	6%					
39	SPC - SER	1,037	1,033	824	79%	80%					
40	SPC - DFRS	-	-	-	0%	0%					
41	SPC - METERING	1,106	1,102	35	3%	3%					
42	SPC - CONTROL AND INDICATION	277	276	52	19%	19%					
43	SPC - RELAYS	21,708	21,634	9,708	45%	45%					
44	PSC - TELEPHONE SYSTEMS	1,659	1,654	1,087	66%	66%					
45	PSC - TRANSFER TRIP	7,052	7,028	3,749	53%	53%					
46	PSC - FIN/OP NETWORKS	104	103	44	43%	43%					
47	PSC - TLECOM TRANSPORT	1,279	1,275	605	47%	47%					
48	PSC - SCADA/TELEMETRY/SUP CNTRL	4,010	3,996	2,107	53%	53%					
49	PSC- TELECOM SUPPORT EQUIPMENT	1,106	1,102	1,019	92%	92%					
50	SUB DC - SUSTAIN	830	827	207	25%	25%					
51	SUB AC- BUS & STRUCTURES	2,212	2,205	690	31%	31%					
52	SUB AC - LOW VOLTAGE AUX.	17,283	17,225	10,419	60%	60%					
53	SUB AC- SHUNT CAPACITORS	1,797	1,791	846	47%	47%					
54	SUB AC-CIRCUIT BRKR & SWTCH GR	20,740	22,737	10,964	53%	48%					
55	SUB AC - CVT/PT/CT & ARRESTERS	2,765	2,756	1,498	54%	54%					
56	SUB AC-TRANSFORMERS & REACTORS	20,049	22,048	1,485	7%	7%					
57	LINES STEEL - SUSTAIN	20,463	20,394	5,091	25%	25%					
58	LINES WOOD POLES - SUSTAIN	59,454	59,253	19,464	33%	33%					
59	SYSTEM TELECOM - SUSTAIN	30,418	30,315	14,772	49%	49%					
60	MISC. REPLACEMENT PROJECTS	3,311	1,249	-	0%	0%					
61	MISC FACILITIES- NON-ELECTRIC	5,116	4,961	965	19%	19%					
62	SECURITY ENHANCEMENTS	11,368	11,024	1,253	11%	11%					
63	ACCESS ROADS	31,110	31,004	10,640	34%	34%					
64	CC SYSTEM INFRASTRUCTURE	2,627	2,618	3,173	121%	121%					
65	LAND RIGHTS - SUSTAIN	11,300	15,571	1,181	10%	8%					
66	LINE LINE - RATINGS PROGRAM	1,002	999	928	93%	93%					
67	SPC - BUILDINGS	7,605	7,579	906	12%	12%					
68	AIRCRAFT - FIXED WING	6,566	-	-	0%	0%					
69	AIRCRAFT - HELICOPTER	5,253	-	-	0%	0%					
70	TOTAL SYSTEM REPLACEMENTS	\$ 309,943	\$ 303,679	\$ 104,567	34%	34%					

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Requesting BL: CORPORATE BUSINESS UNIT

Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures

FYTD Through the Month Ended March 31, 2017

Preliminary Unaudited

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Data Source: EPM Data Warehouse

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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)

UPGRADES & ADDITIONS									
71	IT PROJ	IT PROJECTS	\$ 5,382	\$ 2,035	\$ 929		17%	46%	
72	SUB AC	SUB AC - UPGRADES & ADDITIONS	2,765	2,756	2,141		77%	78%	
73	SUB DC	SUB DC - UPGRADES & ADDITIONS	2,351	2,343	5,588		238%	239%	
74	CONTR	CONTROL CENTERS-UPGRADE & ADD	-	-	637		0%	0%	
75	SYSTEM	SYSTEM TELECOM - UPGRADE & ADD	34,843	34,725	13,830		40%	40%	
76	MISC. U	MISC. UPGRADES AND ADDITIONS	937	406	35		4%	9%	
77	FACILIT	FACILITIES NON-ELECTRIC EXPAND	32,399	31,418	10,904		34%	35%	
78	TOTAL	TOTAL UPGRADES & ADDITIONS	78,677	73,683	34,064		43%	46%	
ENVIRONMENT CAPITAL									
79	MISC. E	MISC. ENVIRONMENT PROJECTS	7,779	7,544	3,892		50%	52%	
80	TOTAL	TOTAL ENVIRONMENT CAPITAL	7,779	7,544	3,892		50%	52%	
81	CAPITAL DIRECT		506,335	493,765	183,094		36%	37%	
PFIA									
82	MISC	MISC. PFIA PROJECTS	18,385	5,527	4,101		22%	74%	
83	GEN	GENERATOR INTERCONNECTION	9,679	(96)	(114)		-1%	119%	
84		SPECTRUM RELOCATION	1,983	652	174		9%	27%	
85	TOTAL PFIA		30,046	6,083	4,161		14%	68%	
86	CAPITAL INDIRECT			-	2,680		377453435%	0%	
87	LAPSE FACTOR			-	-		0%	0%	
88	TOTAL Transmission Business Unit		\$ 536,381	\$ 499,849	\$ 189,935		35%	38%	

Report ID: 0067FY17

Requesting BL: CORPORATE BUSINESS UNIT

Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures

FYTD Through the Month Ended March 31, 2017

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FY 2017		FY 2017	FY 2017	
SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast

Power Business Unit

89	BUREAU OF RECLAMATION <Note 1	\$ 49,642	\$ 42,100	\$ 15,204	31%	36%
90	CORPS OF ENGINEERS <Note 1	167,631	161,270	75,640	45%	47%
91	GENERATION CONSERVATION	-	-	-	0%	0%
92	POWER INFORMATION TECHNOLOGY	5,000	8,177	1,458	29%	18%
93	FISH & WILDLIFE <Note 2	44,602	40,000	(362)	-1%	-1%
94	LAPSE FACTOR	-	-	-	0%	0%
95	TOTAL Power Business Unit	266,875	251,547	91,940	34%	37%

Corporate Business Unit

96	CORPORATE BUSINESS UNIT	15,460	9,078	1,312	8%	14%
97	TOTAL Corporate Business Unit	15,460	9,078	1,312	8%	14%

98	TOTAL BPA Capital Expenditures	\$ 818,716	\$ 760,474	\$ 283,187	35%	37%
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< 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
January 31, 2017	First Quarter Business Review Meeting with customers
May 2, 2017	Second Quarter Business Review Meeting with customers
August 1, 2017	Third Quarter Business Review Meeting with customers
October 2017	BPA External CPA firm conducting audit for fiscal year end
Mid-October 2017	Recording the Fiscal Year End Slice True-Up Adjustment Accrual
End of October	Final audited actual financial data is expected to be available
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

	Q2 (\$000)	Rate Case forecast for FY 2017 (\$000)	Q2 - Rate Case Difference
1 Operating Expenses			
2 Power System Generation Resources			
3 Operating Generation			
4 COLUMBIA GENERATING STATION (WNP-2)	\$ 318,514	\$ 322,473	\$ (3,959)
5 BUREAU OF RECLAMATION	\$ 157,621	\$ 158,121	\$ (500)
6 CORPS OF ENGINEERS	\$ 243,981	\$ 250,981	\$ (7,000)
7 LONG-TERM CONTRACT GENERATING PROJECTS	\$ 11,570	\$ 17,034	\$ (5,463)
8 Sub-Total	\$ 731,686	\$ 748,609	\$ (16,923)
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	\$ 300	\$ 800	\$ (500)
15 WNP-1&3 DECOMMISSIONING	\$ 465	\$ 1,063	\$ (598)
16 Sub-Total	\$ 765	\$ 1,863	\$ (1,098)
17 Gross Contracted Power Purchases			
18 PNCA HEADWATER BENEFITS	\$ 2,480	\$ 3,000	\$ (520)
19 OTHER POWER PURCHASES (omit, except Designated Obligations or Purchases)	\$ 14,820	\$ -	\$ 14,820
20 Sub-Total	\$ 17,300	\$ 3,000	\$ 14,300
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)	\$ 219,003	\$ 219,003	\$ (0)
27 OTHER SETTLEMENTS	\$ -	\$ -	\$ -
28 Sub-Total	\$ 219,003	\$ 219,003	\$ (0)
29 Renewable Generation			
30 RENEWABLES (excludes Kill)	\$ 31,158	\$ 31,483	\$ (325)
31 Sub-Total	\$ 31,158	\$ 31,483	\$ (325)
32 Generation Conservation			
33 CONSERVATION ACQUISITION (Conseravtion infr and purchases)	\$ 99,267	\$ 104,702	\$ (5,436)
34 LOW INCOME WEATHERIZATION & TRIBAL	\$ 5,422	\$ 5,422	\$ -
35 ENERGY EFFICIENCY DEVELOPMENT	\$ 7,917	\$ 7,000	\$ 917
36 DR & SMART GRID	\$ 1,188	\$ 1,245	\$ (57)
37 LEGACY	\$ 590	\$ 605	\$ (15)
38 MARKET TRANSFORMATION	\$ 12,507	\$ 12,691	\$ (183)
39 Sub-Total	\$ 126,891	\$ 131,665	\$ (4,774)
40 Power System Generation Sub-Total	\$ 1,143,469	\$ 1,155,273	\$ (11,804)
41			

COMPOSITE COST POOL TRUE-UP TABLE

	Q2 (\$000)	Rate Case forecast for FY 2017 (\$000)	Q2 - Rate Case Difference
42 Power Non-Generation Operations			
43 Power Services System Operations			
44 EFFICIENCIES PROGRAM	\$ -	\$ -	\$ -
45 INFORMATION TECHNOLOGY	\$ 7,047	\$ 5,910	\$ 1,137
46 GENERATION PROJECT COORDINATION	\$ 5,963	\$ 7,845	\$ (1,882)
47 SLICE IMPLEMENTATION	\$ 489	\$ 1,131	\$ (642)
48 Sub-Total	\$ 13,499	\$ 14,886	\$ (1,387)
49 Power Services Scheduling			\$ -
50 OPERATIONS SCHEDULING	\$ 8,898	\$ 10,496	\$ (1,598)
51 OPERATIONS PLANNING	\$ 7,613	\$ 7,255	\$ 358
52 Sub-Total	\$ 16,511	\$ 17,751	\$ (1,240)
53 Power Services Marketing and Business Support			\$ -
54 POWER R&D	\$ 4,276	\$ 6,046	\$ (1,770)
55 SALES & SUPPORT	\$ 19,588	\$ 24,854	\$ (5,266)
56 STRATEGY, FINANCE & RISK MGMT (REP support costs included here)	\$ 14,877	\$ 22,166	\$ (7,288)
57 EXECUTIVE AND ADMINISTRATIVE SERVICES (REP support costs included)	\$ 3,417	\$ 4,402	\$ (985)
58 CONSERVATION SUPPORT	\$ 8,239	\$ 9,731	\$ (1,492)
59 Sub-Total	\$ 50,398	\$ 67,199	\$ (16,801)
60 Power Non-Generation Operations Sub-Total	\$ 80,408	\$ 99,836	\$ (19,428)
61 Power Services Transmission Acquisition and Ancillary Services			\$ -
62 TRANSMISSION and ANCILLARY Services - System Obligations	\$ 35,073	\$ 35,073	\$ -
63 3RD PARTY GTA WHEELING	\$ 92,844	\$ 76,521	\$ 16,323
64 POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	\$ 2,338	\$ -	\$ 2,338
65 TRANS ACQ GENERATION INTEGRATION	\$ 12,074	\$ 12,074	\$ -
66 TELEMETERING/EQUIP REPLACENT	\$ -	\$ -	\$ -
67 Power Services Trans Acquisition and Ancillary Serv Sub-Total	\$ 142,329	\$ 123,668	\$ 18,661
68 Fish and Wildlife/USF&W/Planning Council/Environmental Req			\$ -
69 Fish & Wildlife	\$ 263,869	\$ 274,000	\$ (10,131)
70 USF&W Lower Snake Hatcheries	\$ 31,949	\$ 32,949	\$ (1,000)
71 Planning Council	\$ 11,570	\$ 11,446	\$ 124
72 Environmental Requirements	\$ -	\$ -	\$ -
73 Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 307,389	\$ 318,395	\$ (11,007)
74 BPA Internal Support			\$ -
75 Additional Post-Retirement Contribution	\$ 14,858	\$ 19,478	\$ (4,620)
76 Agency Services G&A (excludes direct project support)	\$ 58,261	\$ 55,168	\$ 3,093
77 BPA Internal Support Sub-Total	\$ 73,119	\$ 74,646	\$ (1,526)
78 Bad Debt Expense	\$ -	\$ -	\$ -
79 Other Income, Expenses, Adjustments	\$ -	\$ (61,926)	\$ 61,926
80 Expense Offset	\$ (97,786)	\$ (67,685)	\$ (30,101)
81 Non-Federal Debt Service			\$ -
82 Energy Northwest Debt Service			\$ -
83 COLUMBIA GENERATING STATION DEBT SVC	\$ 119,457	\$ 127,466	\$ (8,009)
84 WNP-1 DEBT SVC	\$ 35,089	\$ 201,804	\$ (166,715)
85 WNP-3 DEBT SVC	\$ 59,048	\$ 256,332	\$ (197,284)
86 EN RETIRED DEBT	\$ -	\$ -	\$ -
87 Sub-Total	\$ 213,593	\$ 585,602	\$ (372,008)

COMPOSITE COST POOL TRUE-UP TABLE

	Q2 (\$000)	Rate Case forecast for FY 2017 (\$000)	Q2 - Rate Case Difference
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	\$ (0)
93 Non-Federal Debt Service Sub-Total	\$ 222,830	\$ 594,839	\$ (372,009)
94 Depreciation	\$ 142,468	\$ 143,468	\$ (1,000)
95 Amortization	\$ 86,934	\$ 85,034	\$ 1,900
96 Total Operating Expenses	\$ 2,101,161	\$ 2,465,550	\$ (364,388)
97			\$ -
98 Other Expenses			\$ -
99 Net Interest Expense	\$ 123,305	\$ 195,296	\$ (71,990)
100 LDD	\$ 37,383	\$ 40,464	\$ (3,081)
101 Irrigation Rate Discount Costs	\$ 22,146	\$ 22,146	\$ 0
102 Sub-Total	\$ 182,835	\$ 257,906	\$ (75,071)
103 Total Expenses	\$ 2,283,996	\$ 2,723,456	\$ (439,459)
104			\$ -
105 Revenue Credits			\$ -
106 Generation Inputs for Ancillary, Control Area, and Other Services Revenues	\$ 118,622	\$ 115,750	\$ 2,872
107 Downstream Benefits and Pumping Power revenues	\$ 18,442	\$ 17,219	\$ 1,223
108 4(h)(10)(c) credit	\$ 65,466	\$ 87,786	\$ (22,320)
109 Colville and Spokane Settlements	\$ 4,600	\$ 4,600	\$ -
110 Energy Efficiency Revenues	\$ 7,917	\$ 7,000	\$ 917
111 Large Project Revenues	\$ -	\$ -	\$ -
112 Miscellaneous revenues	\$ 6,716	\$ 5,800	\$ 916
113 Renewable Energy Certificates	\$ 648	\$ 648	\$ 0
114 Pre-Subscription Revenues (Big Horn/Hungry Horse)	\$ 1,536	\$ 1,506	\$ 30
115 Net Revenues from other Designated BPA System Obligations (Upper Baker)	\$ 409	\$ 466	\$ (57)
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 RHWM)	\$ 2,744	\$ 2,744	\$ -
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	\$ 306,825	\$ 322,340	\$ (15,515)

COMPOSITE COST POOL TRUE-UP TABLE

	Q2 (\$000)	Rate Case forecast for FY 2017 (\$000)	Q2 - Rate Case Difference
124			\$ -
125	Augmentation Costs (not subject to True-Up)		
126	\$ 12,603	\$ 12,603	\$ -
127	\$ 20,960	\$ 20,960	\$ -
128	\$ 33,564	\$ 33,564	\$ -
129			\$ -
130	DSI Revenue Credit		
131	\$ 23,289	\$ 33,469	\$ (10,180)
132	\$ 23,289	\$ 33,469	\$ (10,180)
133			\$ -
134	Minimum Required Net Revenue Calculation		
135	\$ 838,299	\$ 109,429	\$ 728,870
136	\$ 249,066		\$ 249,066
137	\$ 51,482	\$ 51,482	\$ -
138	\$ 1,138,847	\$ 160,911	\$ 977,936
139	\$ 143,468	\$ 143,468	\$ (0)
140	\$ 87,534	\$ 85,034	\$ 2,500
141	\$ (45,937)	\$ (45,937)	\$ -
142	\$ 500,000	\$ -	\$ 500,000
143	\$ 81,611	\$ -	\$ 81,611
144	\$ -	\$ -	\$ -
145	\$ (3,524)	\$ (3,524)	\$ -
146	\$ (30,600)	\$ (30,600)	\$ -
147	\$ 12,469	\$ 12,469	\$ -
148	\$ 745,021	\$ 160,910	\$ 584,111
149	\$ 393,825	\$ 0	\$ 393,825
150	\$ 393,825	\$ 0	\$ 393,825
151			
152	\$ 2,381,272	\$ 2,401,211	\$ (19,939)
153			
154	SLICE TRUE-UP ADJUSTMENT CALCULATION FOR COMPOSITE COST POOL		
155		(19,939)	
156		0.9723750	
157		(20,506)	
158		(5,458)	

Financial Disclosure

- The information contained in slides 3-14, 24-27, 33-39 and 42-57 was made publicly available by BPA on April 28, 2017 and contains BPA-approved financial information.
- The information contained in slides 15-23, 28-32 and 40-41 was made publicly available by BPA on April 28, 2017 and contains information not sourced directly from BPA financial statements.