

Quarterly Business Review (QBR)

**November 1, 2016
10:00 am – 11:50 am
Rates Hearing Room**

To participate by phone that does not charge long distance, please dial:
If you are calling long distance, please dial: (877) 336-1828
When prompted, enter access code: 2906902#

WebEx Meeting

Meeting Number: 999 597 733
Meeting Password: 9c67FPSC

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



Time	Min	Agenda Topic	Slide	Presenter
10:00	5	Review Agenda	2	Cheryl Hargin
10:05	15	CFO Spotlight	~	Javier Fernandez
Financial Highlights				
10:20	40	<ul style="list-style-type: none"> ▪ Review of 4th Quarter Financial Results ▪ Review of SOY Budget 	3-17	Cheryl Hargin, Danny Chen, Stephanie Adams, Kyna Alders, Will Rector
11:00	5	<ul style="list-style-type: none"> ▪ Accumulated Calibrated Net Revenue ▪ Reserves 	18-20	Zach Mandell, Damen Bleiler
11:05	10	Review of 4th Quarter Capital Financial Results & SOY Budget	21-25	Kathy Rehmer, Kyna Alders
11:15	5	Capital Project Status Report	26-30	Dennis Naef
11:20	10	Slice Reporting	31-36	Sunny Donato, Janice Johnson
Other BPA Topics				
11:30	10	Transmission Capital Program FY 2016 – Results of Capital Efficiencies and Cost Control Measures	37-38	Amit Sinha
11:40	10	IPR 2 Update	39-41	Cheryl Hargin
11:50	~	Adjourn	~	~

Financial Highlights



Financial Overview for FY 2016 through September 30, 2016

FCRPS

- **Audited FCRPS Net Revenues for FY 2016 is \$277 million. This is \$307 million greater than the rate case forecast.**
- **Adjusted Net Revenue for Power and Transmission is \$(31) million.**
 - The Rate Case forecast of Adjusted Net Revenue was \$152 million and the Start-of-Year forecast was \$138 million. The 3rd Quarter Review forecast was \$(62) million.
- **Financial Reserves ended at \$724 million, a decrease of \$463 million from last year. Reserves available for risk are \$602 million, this is a drop of \$243 million from last year.**
- **BPA incurred capital expenditures of \$777 million in FY 2016. 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 Services Modified Net Revenue for FY 2016 is \$(133) million.**
 - Operating Revenues for FY 2016 are \$2.6 billion.
 - Total expenses (operating expenses and net interest) for FY 2016 are \$2.4 billion.
 - The Power Net Revenue modification associated with refinancing regional cooperation debt is \$(316) million.
- **Power's rate case forecast of Modified Net Revenues was \$42 million and Start-of-Year was \$39 million. The 3rd Quarter Review forecast of Power Modified Net Revenues was \$(168) million.**
- **Power Services Modified Net Revenues are \$175 million less than the rate case forecast.**
 - Total Operating Revenues are \$170 million less than the rate case due to lower preference customer loads from load loss and weather, lower DSI sales from Alcoa's load reduction, a lower 4(h)(10)(C) treasury credit from lower Fish and Wildlife costs, a higher slice true up credit from lower operating expense and lower secondary sales from low market prices.
 - Expenses (total expenses net of the Power Net Revenue Modification) were \$59 million less than the rate case forecast. Higher power purchases were more than offset by lower staffing costs, lower program costs associated with Fed Hydro, CGS, Reimbursable EE, and Renewables and lower interest expense from refinancing bonds.

Financial Overview for FY 2016 through September 30, 2016

Transmission Services

- **Transmission Services Net Revenues for FY 2016 are \$102 million.**
 - Operating Revenues for FY 2016 are \$1.1 billion.
 - Total Expense (operating expenses and net interest) for FY 2016 are \$960 million.
- **The Net Revenue Rate Case forecast was \$109 million and the Start-of-Year forecast was \$100 million. The 3rd Quarter Review forecast was \$106 million.**
- **Transmission Services came in with net revenues at \$8 million under the rate case forecast.**
 - Revenues were \$32 million lower than the rate case driven by lower Point-to-Point revenues, lower short term sales due to price spreads & hydro conditions along with lower Network revenues due to mild temps offset by slightly higher other revenues and Reimbursable Revenues.
 - Expenses came in \$25 million lower than rate case due to absorbing the increased undistributed reduction through lower TS Operation and Maintenance expenses along with fewer Ancillary Services costs offset by slightly higher Agency Services G&A, higher reimbursable expenses and greater depreciation/amortization due to higher general plant going into services.

4th Quarter Review – Executive Highlights

(\$ in Millions)

	A	B	C
	FY 2015 Actuals ²	FY 2016 Start of Year ²	FY 2016 Unaudited EOY Actuals ²
1. Revenues ¹	3,449	3,613	3,455
2. Expenses ¹	3,044	3,725	3,178
3. Net Revenues (Expenses) ^{1,3}	405	(113)	277 ¹⁷
4. Adjusted Net Revenues ⁴	143	138	(31) ¹⁷
5. End of Year Financial Reserves ⁵	1,187	948	724 ¹⁷
6. BPA Accrued Capital Expenditures ⁶	647	814	504

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 2016 Fourth Quarter Financial Results & FY 2017 Start-of-Year Budget



Report ID: 0023FY16

Requesting BL: TRANSMISSION BUSINESS UNIT

Unit of Measure: \$ Thousands

Transmission Services Summary Statement of Revenues and Expenses

Through the Month Ended September 30, 2016

Preliminary/ Unaudited

Run Date/Time: October 18, 2016/ 05:57

Data Source: EPM Data Warehouse

% of Year Elapsed = 100%

	A	B	C	D <Note 1>	E
	FY 2015	FY 2016			FY 2016
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals: FYTD
Operating Revenues					
1 Sales	\$ 902,568	\$ 933,410	\$ 913,193	\$ 909,179	\$ 903,208
2 Miscellaneous Revenues	34,265	39,042	48,448	48,429	44,033
3 Inter-Business Unit Revenues	100,136	121,422	121,404	113,052	114,459
4 Total Operating Revenues	1,036,969	1,093,874	1,083,046	1,070,660	1,061,700
Operating Expenses					
5 Transmission Operations	133,793	155,274	163,471	142,509	145,216
6 Transmission Maintenance	166,157	162,552	153,719	156,225	157,455
7 Transmission Engineering	57,251	54,421	53,906	54,404	51,168
8 Trans Services Transmission Acquisition and Ancillary Services	142,514	141,447	142,834	138,189	129,210
9 Transmission Reimbursables	10,641	9,641	8,227	7,777	15,376
BPA Internal Support					
10 Additional Post-Retirement Contribution	18,819	19,143	19,143	16,440	16,440
11 Agency Services G&A	64,371	62,895	73,276	72,452	71,144
12 Other Income, Expenses & Adjustments	(161)	(2,100)	(12,252)	1,328	(6,727)
13 Depreciation & Amortization	223,795	240,022	240,022	240,022	244,158
14 Total Operating Expenses	817,180	843,294	842,346	829,346	823,440
15 Net Operating Revenues (Expenses)	219,789	250,579	240,700	241,314	238,260
Interest Expense and (Income)					
16 Interest Expense	171,316	193,167	193,167	169,136	171,356
17 AFUDC	(44,553)	(42,886)	(42,886)	(29,000)	(31,042)
18 Interest Income	(6,364)	(9,197)	(9,197)	(5,158)	(3,957)
19 Net Interest Expense (Income)	120,399	141,083	141,083	134,978	136,358
20 Net Revenues (Expenses)	\$ 99,390	\$ 109,496	\$ 99,616	\$ 106,336	\$ 101,902

<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: 0023FY16

Requesting BL: TRANSMISSION BUSINESS UNIT

Unit of Measure: \$ Thousands

QBR End of Year Analysis: Transmission Services

Through the Month Ended September 30, 2016

Preliminary/ Unaudited

Run Date/Time: October 18, 2016/ 05:57

Data Source: EPM Data Warehouse

% of Year Elapsed = 100%

		A	B	C
		FY 2016		FY 2016
		Rate Case	Actuals: FYTD	EOY Actuals - Rate Case
Operating Revenues				
1	Sales	\$ 933,410	\$ 903,208	\$ (30,202)
2	Miscellaneous Revenues	39,042	44,033	4,991
3	Inter-Business Unit Revenues	121,422	114,459	(6,963)
4	Total Operating Revenues	1,093,874	1,061,700	(32,174)
Operating Expenses				
5	Transmission Operations	155,274	145,216	(10,057)
6	Transmission Maintenance	162,552	157,455	(5,097)
7	Transmission Engineering	54,421	51,168	(3,253)
8	Trans Services Transmission Acquisition and Ancillary Services	141,447	129,210	(12,237)
9	Transmission Reimbursables	9,641	15,376	5,735
	BPA Internal Support			
10	Additional Post-Retirement Contribution	19,143	16,440	(2,703)
11	Agency Services G&A	62,895	71,144	8,249
12	Other Income, Expenses & Adjustments	(2,100)	(6,727)	(4,627)
13	Depreciation & Amortization	240,022	244,158	4,136
14	Total Operating Expenses	843,294	823,440	(19,854)
15	Net Operating Revenues (Expenses)	250,579	238,260	(12,320)
Interest Expense and (Income)				
16	Interest Expense	193,167	171,356	(21,811)
17	AFUDC	(42,886)	(31,042)	11,845
18	Interest Income	(9,197)	(3,957)	5,241
19	Net Interest Expense (Income)	141,083	136,358	(4,726)
20	Net Revenues (Expenses)	\$ 109,496	\$ 101,902	\$ (7,594)

Report ID: 0093FY17

Transmission Services Summary Statement of Revenues and Expenses

Run Date/Time: October 25, 2016/ 12:49

Requesting BL: TRANSMISSION BUSINESS UNIT

For SOY Budgetary Review

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

		A	B	C
		FY 2017		
		Rate Case	SOY	DELTA: SOY - Rate Case
Operating Revenues				
1	Sales	\$ 943,997	\$ 922,753	\$ (21,244)
2	Miscellaneous Revenues	39,154	42,431	3,277
3	Inter-Business Unit Revenues	117,591	112,403	(5,188)
4	Total Operating Revenues	1,100,742	1,077,587	(23,155)
Operating Expenses				
5	Transmission Operations	160,800	167,501	6,701
6	Transmission Maintenance	164,272	169,824	5,551
7	Transmission Engineering	54,915	57,929	3,014
8	Trans Services Transmission Acquisition and Ancillary Services	140,782	146,623	5,841
9	Transmission Reimbursables	9,735	9,922	187
	BPA Internal Support			
10	Additional Post-Retirement Contribution	19,748	17,023	(2,725)
11	Agency Services G&A	64,775	73,647	8,872
12	Other Income, Expenses & Adjustments	(2,100)	(11,688)	(9,588)
13	Depreciation & Amortization	259,548	259,548	-
14	Total Operating Expenses	872,475	890,328	17,854
15	Net Operating Revenues (Expenses)	228,267	187,259	(41,008)
Interest Expense and (Income)				
16	Interest Expense	205,969	173,857	(32,112)
17	AFUDC	(41,346)	(24,342)	17,004
18	Interest Income	(16,310)	(3,875)	12,435
19	Net Interest Expense (Income)	148,313	145,640	(2,673)
20	Net Revenues (Expenses)	\$ 79,954	\$ 41,619	\$ (38,335)

Report ID: 0063FY16	Transmission Services Revenue Detail by Product	Run Date/Time: October 18, 2016 14:08
Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended September 30, 2016		Data Source: EPM Data Warehouse
Unit of Measure: \$ Thousands	Preliminary/ Unaudited	% of Year Elapsed = 100%

		A	B	C	D
		FY 2016			FY 2016
		Rate Case	SOY Budget	Current EOY Forecast	Actuals
Transmission Services Operating Revenues					
NETWORK					
1	PTP - LONG TERM	\$ 471,281	\$ 456,562	\$ 452,817	\$ 451,407
2	NETWORK INTEGRATION	132,025	132,025	129,566	129,695
3	INTEGRATION OF RESOURCES	5,714	5,714	5,714	5,714
4	FORMULA POWER TRANSMISSION	19,352	19,300	19,099	19,093
5	PTP - SHORT TERM	26,053	17,676	21,387	21,429
6	TOTAL: NETWORK	654,423	631,276	628,583	627,338
ANCILLARY SERVICES					
7	SCHEDULING, SYSTEM CONTROL & DISPATCH	152,110	147,343	145,490	145,183
8	OPERATING RESERVES - SPIN & SUPP	48,952	51,622	49,267	45,718
9	VARIABLE RES BALANCING	58,735	62,595	59,432	59,655
10	REGULATION & FREQ RESPONSE	6,241	6,241	6,335	6,037
11	ENERGY & GENERATION IMBALANCE	-	3,175	3,794	3,165
12	DISPATCHABLE RES BALANCING	2,450	1,467	1,375	1,468
13	TOTAL: ANCILLARY SERVICES	268,487	272,442	265,692	261,226
INTERTIE					
14	SOUTHERN INTERTIE LONG TERM	87,661	87,606	87,361	87,419
15	SOUTHERN INTERTIE SHORT TERM	4,812	4,564	2,373	2,004
16	MONTANA INTERTIE LONG TERM	115	115	115	115
17	MONTANA INTERTIE SHORT TERM	-	-	89	105
18	TOTAL: INTERTIE	92,588	92,285	89,937	89,643

Report ID: 0063FY16

Transmission Services Revenue Detail by Product

Run Date/Time: October 18, 2016 14:08

Requesting BL: TRANSMISSION BUSINESS UNIT Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D
	FY 2016			FY 2016
	Rate Case	SOY Budget	Current EOY Forecast	Actuals
OTHER REVENUES & CREDITS				
19 TOWNSEND-GARRISON TRANS	\$ 12,421	\$ 12,421	\$ 12,335	\$ 12,316
20 GEN INTEGRATION - OTHER REV	12,142	12,142	12,142	12,881
21 USE OF FACILITIES	5,018	5,077	5,066	5,058
22 POWER FACTOR PENALTY	-	-	-	15
23 NFP - DEPR PNW PSW INTERTIE	3,325	3,374	3,378	3,391
24 AC - PNW PSW INTERTIE - OTH REV	1,695	1,775	1,775	1,738
25 OPERATIONS & MAINT - OTHER REV	958	890	877	870
26 COE & BOR PROJECT REV	-	-	-	-
27 RESERVATION FEE - OTHER REV	2,609	1,810	3,376	3,376
28 TRANSMISSION SHARE IRRIGATION	246	246	266	534
29 LAND LEASES AND SALES	295	295	312	279
30 OTHER LEASES REVENUE	105	105	83	107
31 REMEDIAL ACTION - OTHER REV	41	41	25	25
32 MISC SERVICES - LOSS-EXCH-AIR	168	168	118	202
33 FAILURE TO COMPLY - OTHER REV	-	-	152	224
34 UNAUTHORIZED INCREASE - OTH REV	-	-	255	437
35 OTHER REVENUE SOURCES	5,132	14,478	9,289	2,790
36 TOTAL: OTHER REVENUES & CREDITS	44,154	52,822	49,450	44,243
FIBER & PCS				
37 FIBER OTHER REVENUE	8,564	8,564	9,166	8,846
38 WIRELESS/PCS - OTHER REVENUE	4,629	4,629	5,112	3,374
39 WIRELESS/PCS - REIMBURSABLE REV	3,127	3,127	3,826	3,559
40 FIBER OTHER REIMBURSABLE REV	817	817	1,112	1,147
41 TOTAL: FIBER & PCS	17,136	17,136	19,217	16,926
REIMBURSABLE				
42 REIMBURSABLE - OTHER REVENUE	12,000	12,000	13,444	18,090
43 TOTAL: REIMBURSABLE	12,000	12,000	13,444	18,090
DELIVERY				
44 UTILITY DELIVERY CHARGES	2,451	2,451	2,427	2,325
45 DSIDELIVERY	2,633	2,633	1,909	1,909
46 TOTAL: DELIVERY	5,084	5,084	4,336	4,235
47 TOTAL: Transmission Services Operating Revenues	\$ 1,093,874	\$ 1,083,046	\$ 1,070,660	\$ 1,061,700

Report ID: 0021FY16
 Requesting BL: POWER BUSINESS UNIT
 Unit of measure: \$ Thousands

Power Services Summary Statement of Revenues and Expenses
 Through the Month Ended September 30, 2016
 Preliminary/ Unaudited

Run Date/Time: October 18, 2016 05:56
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 100%

	A	B	C	D <Note 1	E
	FY 2015	FY 2016			FY 2016
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals: FYTD
Operating Revenues					
1 Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,399,397	\$ 2,522,140	\$ 2,518,204	\$ 2,398,305	\$ 2,402,364
2 Bookout Adjustment to Sales	(44,504)	-	-	(18,937)	(22,064)
3 Miscellaneous Revenues	30,389	37,541	37,140	28,990	27,880
4 Inter-Business Unit	121,260	115,750	121,164	117,425	115,354
5 U.S. Treasury Credits	82,316	95,707	95,707	85,941	77,228
6 Total Operating Revenues	2,588,858	2,771,138	2,772,215	2,611,725	2,600,762
Operating Expenses					
Power System Generation Resources					
Operating Generation Resources					
7 Columbia Generating Station	318,231	262,948	261,448	258,248	258,587
8 Bureau of Reclamation	134,284	156,818	155,318	137,614	132,756
9 Corps of Engineers	230,742	243,885	242,885	237,919	237,966
10 Long-term Contract Generating Projects	26,074	22,303	22,601	20,559	20,455
11 Operating Generation Settlement Payment	18,555	19,323	19,323	19,323	17,496
12 Non-Operating Generation	1,126	1,600	1,600	1,240	1,239
13 Gross Contracted Power Purchases and Aug Power Purchases	120,968	48,400	48,515	126,788	133,893
14 Bookout Adjustment to Power Purchases	(44,504)	-	-	(18,937)	(22,064)
15 Residential Exchange/IOU Settlement Benefits <Note 2	200,265	218,975	219,100	219,100	218,717
16 Renewables	31,464	40,987	38,973	38,197	36,284
17 Generation Conservation	43,432	136,649	135,495	129,520	123,484
18 Subtotal Power System Generation Resources	1,080,637	1,151,888	1,145,258	1,169,571	1,158,813
19 Power Services Transmission Acquisition and Ancillary Services	160,065	186,998	191,117	183,469	174,913
20 Power Non-Generation Operations	77,154	96,542	92,215	81,872	78,663
21 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	298,978	310,539	310,539	313,144	297,508
BPA Internal Support					
22 Additional Post-Retirement Contribution	18,819	19,143	19,143	17,743	17,743
23 Agency Services G&A	55,693	53,138	58,661	62,426	60,230
24 Other Income, Expenses & Adjustments	(27,799)	(97,577)	(20,000)	383	(386)
25 Non-Federal Debt Service	188,159	594,308	594,308	218,427	217,587
26 Depreciation & Amortization	224,188	222,551	222,551	227,551	226,960
27 Total Operating Expenses	2,075,895	2,537,530	2,613,792	2,274,586	2,232,031
28 Net Operating Revenues (Expenses)	512,963	233,608	158,423	337,138	368,730
Interest Expense and (Income)					
29 Interest Expense	218,861	214,027	214,027	206,725	206,592
30 AFUDC	(8,664)	(10,731)	(10,731)	(8,600)	(9,262)
31 Interest Income	(8,981)	(11,961)	(11,961)	(8,063)	(11,405)
32 Net Interest Expense (Income)	201,216	191,336	191,336	190,062	185,925
33 Net Revenues (Expenses)	\$ 311,747	\$ 42,272	\$ (32,913)	\$ 147,076	\$ 182,805
34 Net Revenue Modifications <Note 3	(268,562)	-	71,542	(315,142)	(315,646)
35 Power Modified Net Revenue	\$ 43,185	\$ 42,272	\$ 38,629	\$ (168,065)	\$ (132,841)

<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: 0021FY16

Requesting BL: POWER BUSINESS UNIT

Unit of measure: \$ Thousands

QBR End of Year Analysis: Power Services

Through the Month Ended September 30, 2016

Preliminary/ Unaudited

Run Date/Time: October 18, 2016 05:56

Data Source: EPM Data Warehouse

% of Year Elapsed = 100%

		A	B	C
		FY 2016		FY 2016
		Rate Case	Actuals: FYTD	EOY Actuals - Rate Case
Operating Revenues				
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,522,140	\$ 2,402,364	\$ (119,776)
2	Bookout Adjustment to Sales	-	(22,064)	(22,064)
3	Miscellaneous Revenues	37,541	27,880	(9,661)
4	Inter-Business Unit	115,750	115,354	(396)
5	U.S. Treasury Credits	95,707	77,228	(18,479)
6	Total Operating Revenues	2,771,138	2,600,762	(170,377)
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
7	Columbia Generating Station	262,948	258,587	(4,361)
8	Bureau of Reclamation	156,818	132,756	(24,062)
9	Corps of Engineers	243,885	237,966	(5,919)
10	Long-term Contract Generating Projects	22,303	20,455	(1,848)
11	Operating Generation Settlement Payment	19,323	17,496	(1,827)
12	Non-Operating Generation	1,600	1,239	(361)
13	Gross Contracted Power Purchases and Aug Power Purchases	48,400	133,893	85,493
14	Bookout Adjustment to Power Purchases	-	(22,064)	(22,064)
15	Residential Exchange/IOU Settlement Benefits <Note 2	218,975	218,717	(259)
16	Renewables	40,987	36,284	(4,703)
17	Generation Conservation	136,649	123,484	(13,165)
18	Subtotal Power System Generation Resources	1,151,888	1,158,813	6,925
19	Power Services Transmission Acquisition and Ancillary Services	186,998	174,913	(12,085)
20	Power Non-Generation Operations	96,542	78,663	(17,878)
21	Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	310,539	297,508	(13,032)
BPA Internal Support				
22	Additional Post-Retirement Contribution	19,143	17,743	(1,400)
23	Agency Services G&A	53,138	60,230	7,092
24	Other Income, Expenses & Adjustments	(97,577)	(386)	97,191
25	Non-Federal Debt Service	594,308	217,587	(376,721)
26	Depreciation & Amortization	222,551	226,960	4,409
27	Total Operating Expenses	2,537,530	2,232,031	(305,499)
28	Net Operating Revenues (Expenses)	233,608	368,730	135,122
Interest Expense and (Income)				
29	Interest Expense	214,027	206,592	(7,436)
30	AFUDC	(10,731)	(9,262)	1,469
31	Interest Income	(11,961)	(11,405)	556
32	Net Interest Expense (Income)	191,336	185,925	(5,411)
33	Net Revenues (Expenses)	\$ 42,272	\$ 182,805	\$ 140,533
Net Revenue Modifications <Note 3				
34		-	(315,646)	(315,646)
35	Power Modified Net Revenue	\$ 42,272	\$ (132,841)	\$ (175,113)

Report ID: 0091FY17

Power Services Summary Statement of Revenues and Expenses

Run Date/Time: October 21, 2016 10:52

Requesting BL: POWER BUSINESS UNIT

For SOY Budgetary Review

Data Source: EPM Data Warehouse

Unit of measure: \$ Thousands

		A	B	C
		FY 2017		
		Rate Case	SOY	DELTA: SOY - Rate Case
Operating Revenues				
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,560,342	\$ 2,497,464	\$ (62,878)
2	Bookout Adjustment to Sales	-	-	-
3	Miscellaneous Revenues	29,580	29,924	344
4	Inter-Business Unit	115,750	118,991	3,241
5	U.S. Treasury Credits	92,386	95,236	2,851
6	Total Operating Revenues	2,798,058	2,741,615	(56,443)
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
7	Columbia Generating Station	322,473	319,053	(3,420)
8	Bureau of Reclamation	158,121	157,621	(500)
9	Corps of Engineers	250,981	250,981	
10	Long-term Contract Generating Projects	17,034	15,546	(1,488)
11	Operating Generation Settlement Payment	19,651	22,234	2,583
12	Non-Operating Generation	1,863	1,482	(381)
13	Gross Contracted Power Purchases and Aug Power Purchases	102,790	86,812	(15,978)
14	Bookout Adjustment to Power Purchases	-	-	-
15	Residential Exchange/IOU Settlement Benefits <Note 2	219,003	219,003	-
16	Renewables	41,641	40,623	(1,018)
17	Generation Conservation	131,665	131,614	(52)
18	Subtotal Power System Generation Resources	1,265,221	1,244,969	(20,253)
19	Power Services Transmission Acquisition and Ancillary Services	195,831	203,295	7,464
20	Power Non-Generation Operations	99,836	91,053	(8,784)
21	Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	318,395	318,539	144
BPA Internal Support				
22	Additional Post-Retirement Contribution	19,478	18,649	(829)
23	Agency Services G&A	55,168	60,109	4,941
24	Other Income, Expenses & Adjustments	(129,463)	(26,600)	102,863
25	Non-Federal Debt Service	594,839	213,528	(381,311)
26	Depreciation & Amortization	228,502	231,002	2,500
27	Total Operating Expenses	2,647,809	2,354,544	(293,265)
28	Net Operating Revenues (Expenses)	150,249	387,071	236,822
Interest Expense and (Income)				
29	Interest Expense	221,881	135,501	(86,380)
30	AFUDC	(11,360)	(11,360)	
31	Interest Income	(19,456)	(5,195)	14,262
32	Net Interest Expense (Income)	191,065	118,947	(72,118)
33	Net Revenues (Expenses)	\$ (40,816)	\$ 268,125	\$ 308,941
Net Revenue Modifications <Note 3		-	(343,042)	(343,042)
35	Power Modified Net Revenue	\$ (40,816)	\$ (74,917)	\$ (34,101)

Report ID: 0064FY16

Power Services Detailed Statement of Revenues by Product

Run Date/Time: October 18, 2016 14:07

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

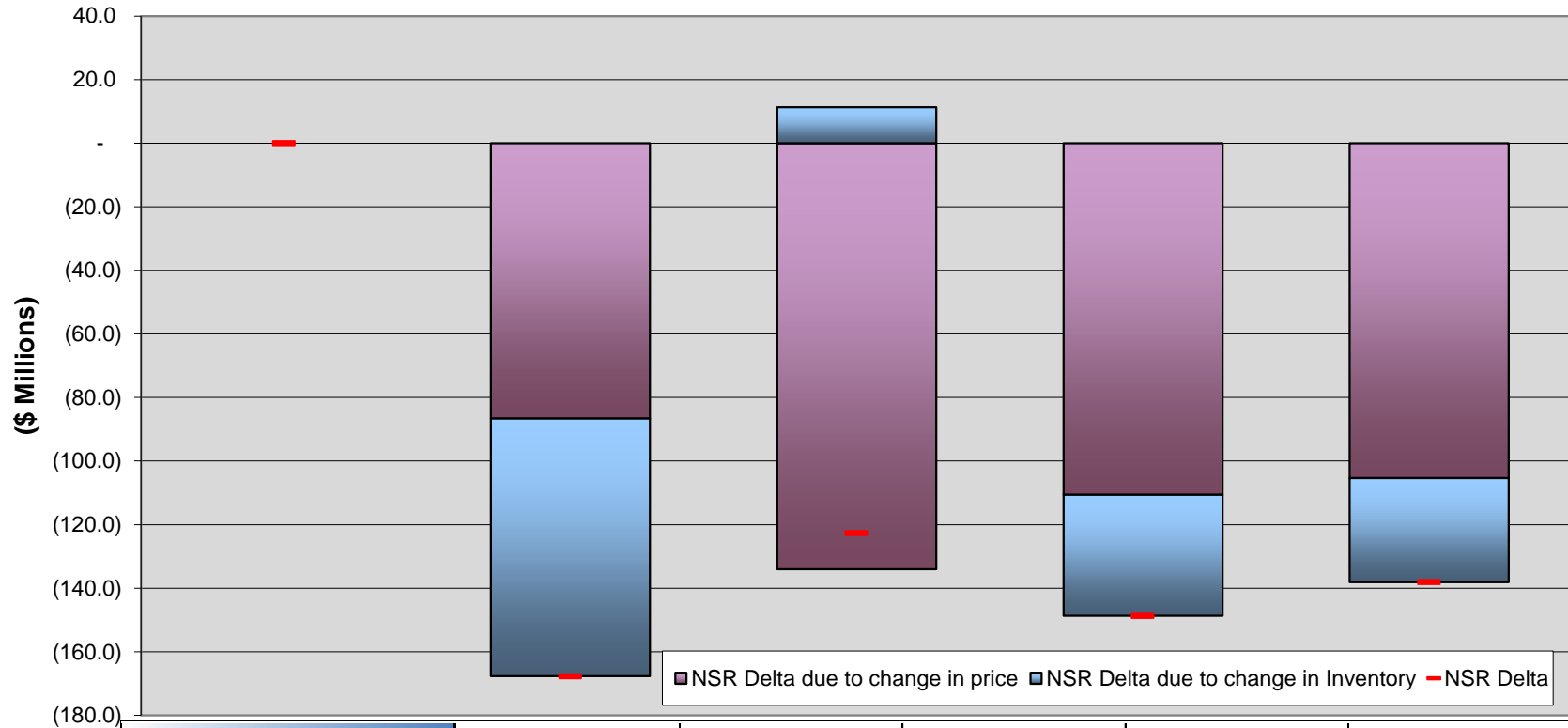
Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

		A	B	C	D
		FY 2016		FY 2016	FY 2016
		Rate Case	SOY Budget	Actuals	Actuals per Rate Case
Operating Revenues					
Gross Sales (excluding bookout adjustment)					
PF Tier 1 Revenues					
Load Following					
1	Composite	\$ 1,131,520	\$ 1,131,520	\$ 1,122,821	99%
2	Non-Slice	(168,212)	(168,212)	(166,919)	99%
3	Load Shaping	5,616	5,616	(22,759)	-505%
4	Demand	47,946	47,946	45,527	95%
5	Discounts / Fees	(53,103)	(53,103)	(50,069)	94%
6	RSS / RSC	1,095	1,095	(995)	-191%
7	REP Refund	(33,152)	(33,152)	(33,161)	100%
8	Other	-	-	(145)	0%
9	Sub-Total: Load Following	931,711	931,711	894,301	96%
Block					
10	Composite	637,173	637,173	629,554	99%
11	Non-Slice	(94,723)	(94,723)	(93,590)	99%
12	Load Shaping	(1,576)	(1,576)	(1,565)	99%
13	Demand	-	-	-	0%
14	Discounts / Fees	(5,693)	(5,693)	(5,693)	100%
15	RSS / RSC	-	-	-	0%
16	REP Refund	(21,493)	(21,493)	(21,068)	98%
17	Other	3,877	3,877	3,905	101%
18	Sub-Total: Block	517,566	517,566	511,544	99%
Slice					
19	Composite	658,897	658,897	658,897	100%
20	Slice	-	-	-	0%
21	Discounts / Fees	(3,216)	(3,216)	(3,355)	104%
22	REP Refund	(21,892)	(21,892)	(22,309)	102%
23	Other	-	-	-	0%
24	Sub-Total: Slice	633,789	633,789	633,233	100%
25	PF Tier 2 Revenues	22,866	22,866	22,564	99%
26	NR Revenues	356	356	(58)	-116%
27	IP Revenues	33,509	32,049	17,480	52%
28	FPS Revenues	346,092	345,964	289,990	84%
29	Other Revenues	36,253	33,904	33,312	92%
30	Gross Sales (excluding bookout adjustment)	2,522,140	2,518,204	2,402,364	95%
31	Bookout Adjustment to Sales	-	-	(22,064)	0%
32	Miscellaneous Revenues	37,541	37,140	27,880	74%
33	Inter-Business Unit	115,750	121,164	115,354	100%
34	U.S. Treasury Credits	95,707	95,707	77,228	81%
35	Total Operating Revenues	2,771,138	2,772,215	2,600,762	94%

FY 2016 - NSR Delta Analysis Compared to Rate Case



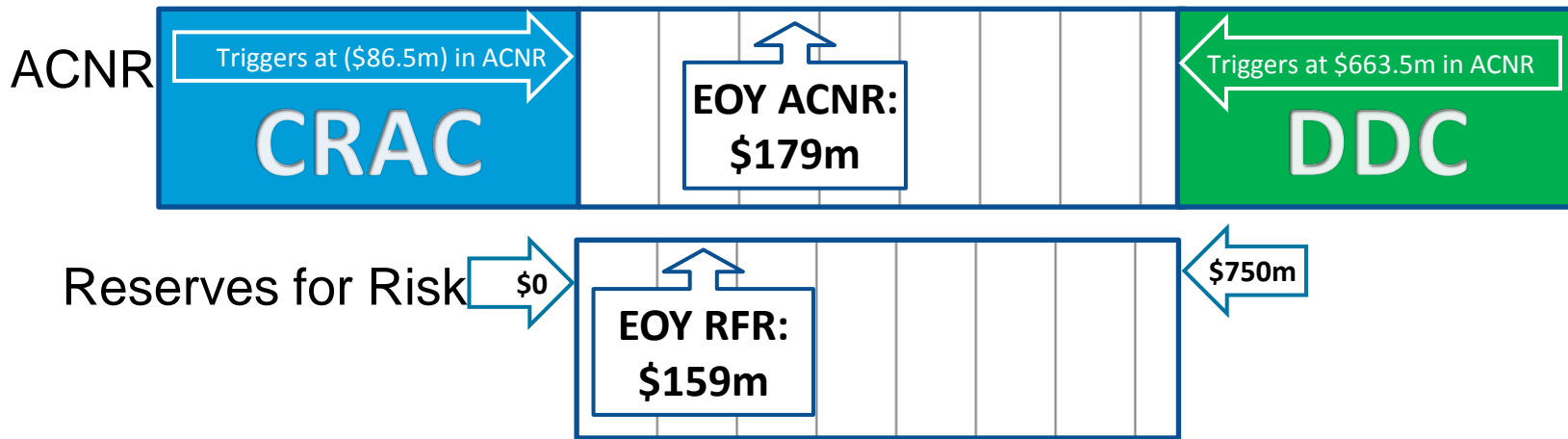
	Rate Case	1st Quarter Review*	2nd Quarter Review	3rd Quarter Review	EOY
Net Secondary Revenue Forecast (\$ Millions)	320	152	197	171	182
Water Volume Jan-July (MAF)	103	100	107	99	98

*The Q1 price/inventory split is due to the difference between the rate case monthly price/inventory shapes along with lingering effects of the FY15 dry year. In the subsequent quarters, inventory levels recovered above the rate case shape while prices continued to have a negative effect.

FY 2016 Calibrations and ACNR

The CRAC and DDC trigger based off of Accumulated Calibrated Net Revenue (ACNR), which is *Accumulated* from the start of FY 2015. **EOY FY 2016 ACNR is \$179.2m***.

FY 2016 ACNR is above the CRAC threshold and below the DDC threshold. Neither the CRAC nor the DDC triggered for FY 2017 rates.



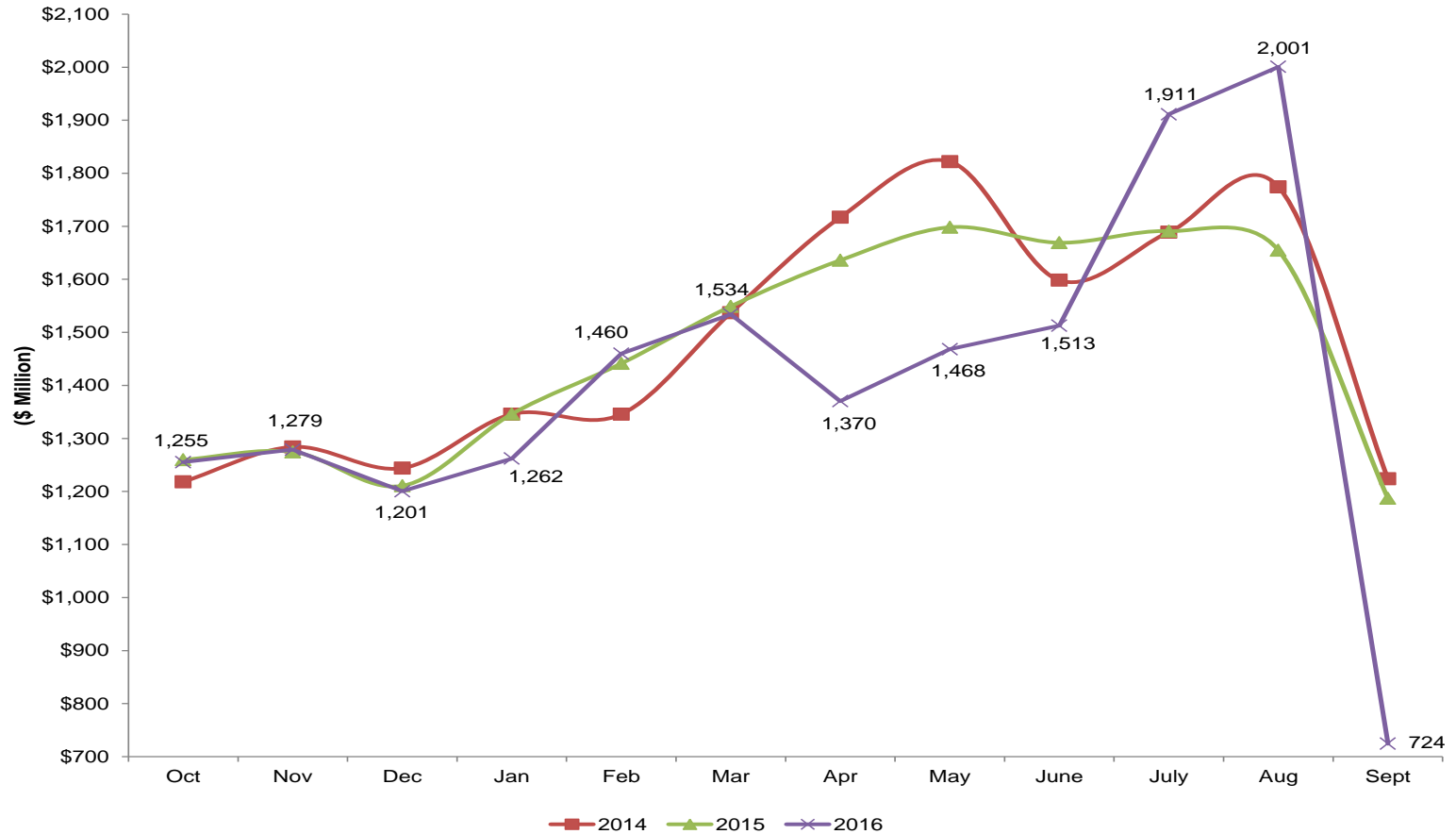
***ACNR Calculation (in \$ millions)**

FY 16 CNR = FY16 NR + FY16 Total Calibration. FY16 NR is 182.8. The FY 16 Total Calibration is 71.5 – 386.8 = -315.3. Therefore, FY16 CNR = 182.8 – 315.3 = -132.5

FY 16 ACNR = FY15 CNR + FY16 CNR. FY 15 CNR was 311.7. FY 16 CNR is -132.5. Therefore, FY16 ACNR is 311.7 – 132.5 = 179.2

Financial Reserves

Reserves as of the end of September are \$724 million



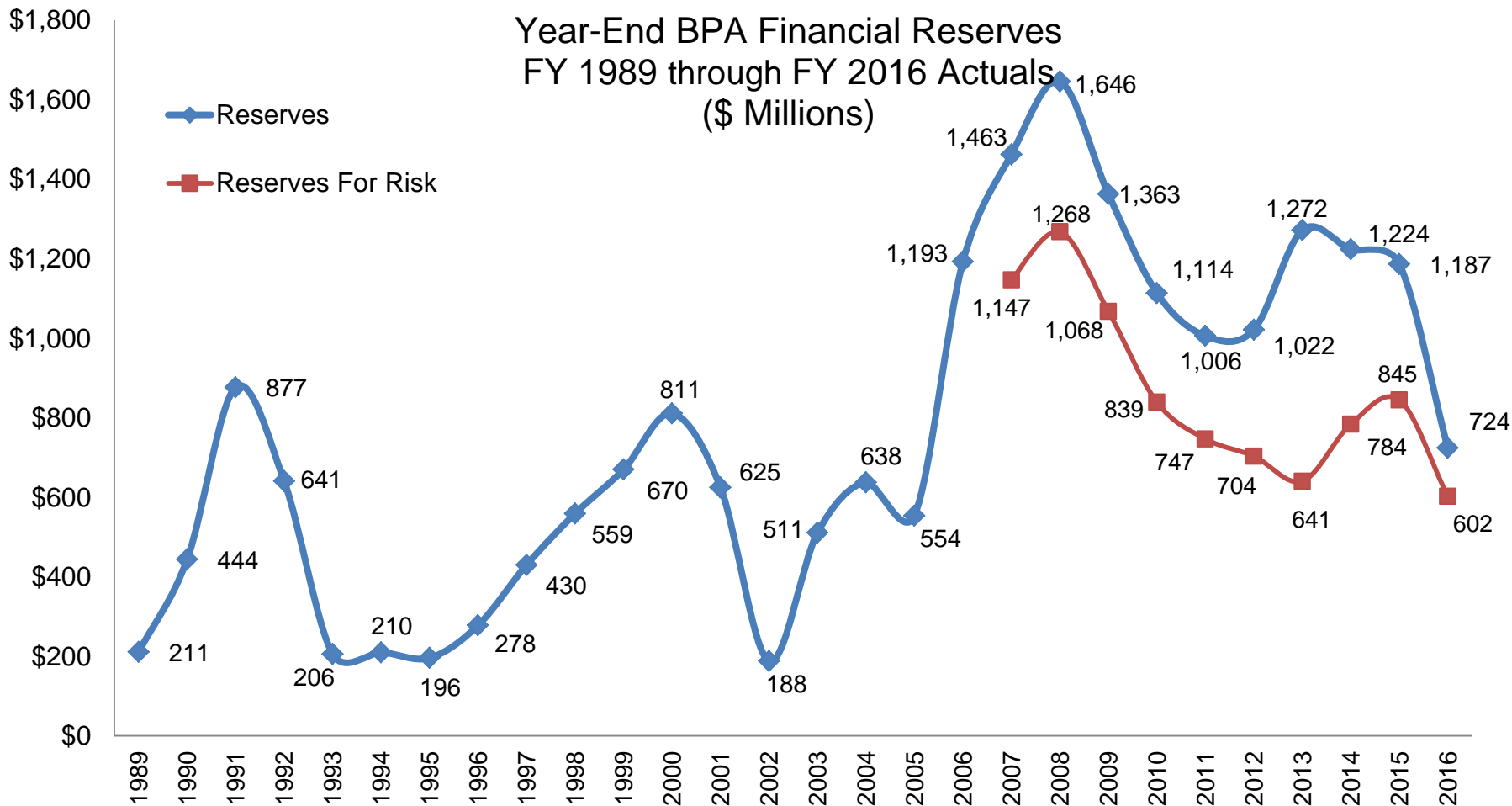
Q3 - End of FY16 Reserves Forecast

(\$ Millions)	Split		
	Power	Trans	Total
End FY16 Reserves Forecast	250	515	765
Less: End of FY16 Reserves Not for Risk	52	70	122
Reserves Available for Risk Forecast	198	445	643

End of FY16 Reserves Forecast

(\$ Millions)	Split		
	Power	Trans	Total
End FY16 Reserves	208	517	724
Less: End of FY16 Reserves Not for Risk	49	73	122
Reserves Available for Risk Forecast	159	444	602

BPA Financial Reserves FY 1989 – FY 2016



FY 2016 Fourth Quarter Capital Financial Results & FY 2017 Start-of-Year Budget



Report ID: 0027FY16	BPA Statement of Capital Expenditures	Run Date/Run Time: October 18, 2016/ 06:15
Requesting BL: CORPORATE BUSINESS UNIT	FYTD Through the Month Ended September 30, 2016	Data Source: EPM Data Warehouse
Unit of Measure: \$Thousands	Preliminary Unaudited	% of Year Elapsed = 100%

		A	B	C	D	E
		FY 2016		FY 2016	FY 2016	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit						
1	MAIN GRID	\$ 36,042	\$ 28,645	\$ 34,106	95%	119%
2	AREA & CUSTOMER SERVICE	94,243	116,371	105,884	112%	91%
3	SYSTEM REPLACEMENTS	329,910	292,456	255,526	77%	87%
4	UPGRADES & ADDITIONS	146,387	143,003	143,503	98%	100%
5	ENVIRONMENT CAPITAL	6,992	10,447	9,309	133%	89%
	<u>PFIA</u>					
6	MISC. PFIA PROJECTS	6,156	2,689	2,844	46%	106%
7	GENERATOR INTERCONNECTION	13,222	(41)	(25)	0%	62%
8	SPECTRUM RELOCATION	985	246	102	10%	41%
9	CAPITAL INDIRECT, undistributed	()	-	533	0%	0%
10	TOTAL Transmission Business Unit	633,937	593,817	551,782	87%	93%
Power Business Unit						
11	BUREAU OF RECLAMATION <Note 1	57,200	41,640	38,175	67%	92%
12	CORPS OF ENGINEERS <Note 1	150,300	145,360	148,807	99%	102%
13	POWER INFORMATION TECHNOLOGY	5,196	5,639	4,904	94%	87%
14	FISH & WILDLIFE <Note 2	40,000	25,000	16,030	40%	64%
15	TOTAL Power Business Unit	252,696	217,639	207,916	82%	96%
Corporate Business Unit						
16	CORPORATE BUSINESS UNIT	21,158	20,180	17,139	81%	85%
17	TOTAL Corporate Business Unit	21,158	20,180	17,139	81%	85%
18	TOTAL BPA Capital Expenditures	\$ 907,791	\$ 831,636	\$ 776,837	86%	93%

< 1 Excludes projects funded by federal appropriations.

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

Report ID: 0028ASFY16

BPA Statement of Capital Expenditures by Asset Category

Run Date/Run Time: October 17, 2016/ 07:30

Requesting BL: CORPORATE BUSINESS UNIT

FYTD Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse via Analysis Services

Unit of Measure: \$Thousands

Preliminary Unaudited

% of Year Elapsed = 100%

		FY 2016		FY 2016	FY 2016	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit						
Transmission Asset Category						
1	Expand	266,087	277,873	270,759	102%	97%
2	Sustain	291,476	268,374	233,781	80%	87%
3	Transmission Asset Category Sub-Total	557,563	546,247	504,540	90%	92%
4	PFIA Expand	20,363	2,893	2,920	14%	101%
Facilities Asset Category						
5	Expand	6,804	6,337	9,026	133%	142%
6	Sustain	20,600	2,056	1,826	9%	89%
7	Facilities Asset Category Sub-Total	27,404	8,393	10,851	40%	129%
8	IT Asset Category Expand	3,781	3,810	3,708	98%	97%
9	Security Function Sustain	9,099	14,861	13,489	148%	91%
10	Fleet Function Sustain	8,734	7,165	6,431	74%	90%
11	Environment Function Sustain	6,992	10,447	9,309	133%	89%
12	Capital Indirect	()	-	533	0%	0%
13	TOTAL Transmission Business Unit	633,937	593,817	551,782	87%	93%
Power Business Unit						
14	Bureau of Reclamation Sustain	57,200	41,640	38,175	67%	92%
15	Corps of Engineers Sustain	150,300	145,360	148,807	99%	102%
16	Fed Hydro Sub-Total	207,500	187,000	186,982	90%	100%
17	Generation Conservation Sustain				0%	0%
18	Fish and Wildlife Fish and Wildlife	40,000	25,000	16,030	40%	64%
19	IT Asset Category Expand	5,196	5,639	4,904	94%	87%
20	TOTAL Power Business Unit	252,696	217,639	207,916	82%	96%
Corporate Business Unit						
21	Facilities Asset Category Sustain	2,300	2,100	2,462	107%	117%
22	IT Asset Category Expand	7,693	7,821	6,752	88%	86%
23	Sustain	11,165	10,259	7,925	71%	77%
24	IT Asset Category Sub-Total	18,858	18,080	14,677	78%	81%
25	TOTAL Corporate Business Unit	21,158	20,180	17,139	81%	85%
26	TOTAL BPA Capital Expenditures	\$ 907,791	\$ 831,636	\$ 776,837	86%	93%
27	TOTAL Expand	309,924	304,373	298,068	96%	98%
28	TOTAL Sustain	557,866	502,263	462,205	83%	92%
29	TOTAL Fish and Wildlife	40,000	25,000	16,030	40%	64%
30	TOTAL Other	()	-	533	0%	0%
31	TOTAL BPA Capital Expenditures	\$ 907,791	\$ 831,636	\$ 776,837	86%	93%

< 1 Excludes projects funded by federal appropriations.

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

All amounts are fully loaded

Report ID: 0027FY16

Requesting BL: CORPORATE BUSINESS UNIT

Unit of Measure: \$Thousands

QBR End of Year Analysis: BPA Capital Expenditures

FYTD Through the Month Ended September 30, 2016

Preliminary Unaudited

Run Date/Run Time: October 18, 2016 06:15

Data Source: EPM Data Warehouse

% of Year Elapsed = 100%

				A	B	C
				FY 2016		FY 2016
				SOY Budget	Actuals: FYTD	EOY Actuals - SOY Budget
Transmission Business Unit						
1	MAIN GRID		\$	36,042	\$ 34,106	\$ (1,936)
2	AREA & CUSTOMER SERVICE			94,243	105,884	11,641
3	SYSTEM REPLACEMENTS			329,910	255,526	(74,383)
4	UPGRADES & ADDITIONS			146,387	143,503	(2,884)
5	ENVIRONMENT CAPITAL			6,992	9,309	2,317
<u>PFIA</u>						
6	MISC. PFIA PROJECTS			6,156	2,844	(3,313)
7	GENERATOR INTERCONNECTION			13,222	(25)	(13,247)
8	SPECTRUM RELOCATION			985	102	(883)
9	CAPITAL INDIRECT, undistributed			()	533	533
10	TOTAL Transmission Business Unit			633,937	551,782	(82,155)
Power Business Unit						
11	BUREAU OF RECLAMATION <Note 1			57,200	38,175	(19,025)
12	CORPS OF ENGINEERS <Note 1			150,300	148,807	(1,493)
13	POWER INFORMATION TECHNOLOGY			5,196	4,904	(292)
14	FISH & WILDLIFE <Note 2			40,000	16,030	(23,970)
15	TOTAL Power Business Unit			252,696	207,916	(44,780)
Corporate Business Unit						
16	CORPORATE BUSINESS UNIT			21,158	17,139	(4,019)
17	TOTAL Corporate Business Unit			21,158	17,139	(4,019)
18	TOTAL BPA Capital Expenditures			\$ 907,791	\$ 776,837	\$ (130,954)

< 1 Excludes projects funded by federal appropriations.

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

Report ID: 0097FY17
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
For SOY Budgetary Review

Run Date/Time: October 21, 2016 10:55
 Data Source: EPM Data Warehouse

A
FY 2017
SOY Budget

Transmission Business Unit		
1	MAIN GRID	\$ 41,850
2	AREA & CUSTOMER SERVICE	68,086
3	SYSTEM REPLACEMENTS	309,943
4	UPGRADES & ADDITIONS	78,677
5	ENVIRONMENT CAPITAL	7,779
	<u>PFIA</u>	
6	MISC. PFIA PROJECTS	18,385
7	GENERATOR INTERCONNECTION	9,679
8	SPECTRUM RELOCATION	1,983
9	CAPITAL INDIRECT	-
10	TOTAL Transmission Business Unit	536,381
Power Business Unit		
11	BUREAU OF RECLAMATION	49,642
12	CORPS OF ENGINEERS	167,631
13	GENERATION CONSERVATION	-
14	POWER INFORMATION TECHNOLOGY	5,000
15	FISH & WILDLIFE	44,602
16	TOTAL Power Business Unit	266,875
Corporate Business Unit		
17	CORPORATE BUSINESS UNIT	15,460
18	TOTAL Corporate Business Unit	15,460
19	TOTAL BPA Capital Expenditures	\$ 818,716

Capital Project Status Report

Dennis Naef
Asset Strategist



Major Capital Projects ¹ - End-of-Project Target Performance					Q3 2016	
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	\$ 28.6	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	\$ 52.1	\$ 51.2	12/31/13	6/30/17
Fleet Mobile Equipment Replacement FY14-16	Heavy duty and specialized vehicle replacement program for FY14-16	\$ 16.4	\$ 13.3	\$ 5.5	9/30/16	9/30/17
#KC SONET Phase II Spur Healing	Complete the digital microwave and radio conversion in Oregon.	\$ 18.0	\$ 13.6	\$ 13.3	12/31/15	12/29/17
#NC Analog Microwave Replacement	Complete the digital microwave and radio conversion in NW Washington.	\$ 9.5	\$ 9.1	\$ 8.2	12/31/15	12/31/18
Alvey Substation 500 kV Shunt Reactor	Add a 500 kV shunt reactor for voltage stabilization.	\$ 10.9	\$ 9.9	\$ 7.8	4/30/12	12/30/16
NEPA - I-5 Corridor Reinforcement	Conduct NEPA study, preliminary engineering and design.	\$ 85.0	\$ 94.7	\$ 81.7	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	\$ 198.8	\$ 188.9	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	\$ 28.5	\$ 9.4	9/15/17	11/16/18
#DC Microwave Analog Spur Replacement	Complete the digital microwave and radio conversion in Northeast Washington.	\$ 39.5	\$ 35.2	\$ 34.0	8/30/17	7/3/17
P25 Two-Way Mobile Radio Upgrade	Replace and upgrade the mobile radio system to P25 technology.	\$ 64.5	\$ 60.1	\$ 9.8	9/30/17	12/21/21
Pacific DC Intertie Upgrade - Station Work	Modernize the Celilo converter terminal and upgrade capacity from 3100 MW to 3220 MW for north to south power flow with a future upgrade path to 3800 MW.	\$ 275.8	\$ 278.7	\$ 277.5	12/20/15	9/30/16
Pacific DC Intertie Upgrade - Line Work		\$ 40.0	\$ 78.3	\$ 74.6	10/31/17	10/31/17
Puget Sound Area Northern Intertie (PSANI) Memorandum of Agreement	Install a 500/230 kV transformer bank addition at Raver Substation.	\$ 56.4	\$ 36.1	\$ 21.6	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	\$ 65.9	\$ 19.1	9/30/17	11/30/18
#JC Microwave Upgrade	Complete the digital conversion for the upper part of the #JC communications ring.	\$ 13.5	\$ 9.7	\$ 5.8	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	\$ 11.0	3/30/17	12/28/18
McNary Substation - Additional 500 kV Transformer	Install an additional transformer bank to handle increased loading.	\$ 20.2	\$ 31.4	\$ 22.1	5/30/17	5/30/17
Umatilla Electric Cooperative (UEC) Line and Load Requests	Construct Longhorn Substation Annex and add three bays at McNary Substation.	\$ 65.0	\$ 64.9	\$ 64.5	7/30/16	8/26/16
Paul Substation Shunt Reactor Addition	Install an additional reactor in the Portland area for voltage control.	\$ 9.5	\$ 10.4	\$ 8.6	4/30/16	12/16/16
Spare Transformers for Hub Wind Sites	Add a spare 500/230 kV single phase transformer at John Day, Rock Creek, Slatt and Central Ferry substations.	\$ 18.6	\$ 19.6	\$ 3.6	10/15/18	1/31/19
Midway-Grandview No. 1 Line Upgrade	Rebuild 25 mile line to avoid risk of thermal overload.	\$ 18.6	\$ 13.0	\$ 2.0	4/30/18	4/30/18

This information has been made publicly available by BPA on 8/2/2016 and does not contain Agency-approved Financial Information.

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						Q3 2016	
Project	Description	Direct Capital \$M ²			In-Service Date		
		Target	Forecast	Actual ³	Target	Forecast	
Transmission - continued							
Steel Lines Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$25.5 to \$28.5	\$ 13.1	\$ 6.6	9/30/16	9/30/16	
Wood Pole Lines Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$47.5 to \$52.5	\$ 41.4	\$ 12.9	9/30/16	9/30/16	
Access Roads Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$16.0 to \$18.0	\$ 16.8	\$ 2.7	9/30/16	9/30/16	
Land and Land Rights Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$9.5 to \$10.5	\$ 9.3	\$ 4.3	9/30/16	9/30/16	
AC Substations Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$52.5 to \$58.5	\$ 49.1	\$ 28.5	9/30/16	9/30/16	
System Telecommunications Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$17.0 to \$19.0	\$ 15.0	\$ 3.3	9/30/16	9/30/16	
Power Systems Control Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$20.0 to \$22.0	\$ 21.1	\$ 10.9	9/30/16	9/30/16	
System Protection and Control Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$32.0 to \$36.0	\$ 28.7	\$ 14.6	9/30/16	9/30/16	
Control Center Sustain Program FY 2016	One-year asset replacement plan based on asset strategy analysis.	\$9.5 to \$10.5	\$ 7.8	\$ 4.0	9/30/16	9/30/16	
Federal Hydro							
Grand Coulee and Hungry Horse SCADA Replacement	Replace SCADA systems at Grand Coulee and Hungry Horse.	\$ 46.8	\$ 69.2	\$ 44.9	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.	N/A ⁴	N/A ⁴	\$ 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	\$ 0.3	12/2/23	7/2/29	
Grand Coulee Exciter Replacements G1-G18	Replace the excitation equipment for all 18 units.	N/A ⁴	N/A ⁴	\$ 0.3	12/2/23	7/29/29	
Grand Coulee Governor Replacements G1-G18	Replace the governors and related equipment for all 18 units.	N/A ⁴	N/A ⁴	\$ 0.2	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	12/1/24	
Grand Coulee - Keys Pump Generating Station - Reliability	Replacements and upgrades to maintain current station capability.	N/A ⁴	N/A ⁴	\$ 9.2	9/30/24	9/30/24	
Grand Coulee G22 - G23 Wicket Gate Replacements	Replace the deteriorating wicket gates.	N/A ⁴	N/A ⁴	\$ 0.6	11/1/18	10/31/17	
Grand Coulee Firehouse	Build a stand-alone fire station to replace the facility currently housed in the pump-generating plant.	N/A ⁴	N/A ⁴	\$ 1.4	1/1/18	1/1/18	

This information has been made publicly available by BPA on 8/2/2016 and does not contain Agency-approved Financial Information.

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 2016

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Federal Hydro - continued						
Chief Joseph Turbine Runner Replacements Units 1 - 16	Replace the turbine runners and rehabilitate the turbines on units 1 - 16.	\$ 166.0	\$ 176.0	\$ 150.6	9/30/17	9/30/17
Chief Joseph Governor Replacement	Upgrade the 27 governors with digital controls and replace associated equipment.	\$ 10.7	\$ 10.7	\$ 6.6	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	\$ 1.2	5/9/19	5/9/19
McNary Governor Replacement	Upgrade the 14 governors in the McNary powerhouse with digital controls.	N/A ⁴	N/A ⁴	\$ 2.2	1/29/18	4/30/19
McNary 4160/480V Station Service Upgrade	Replace and upgrade the station service distribution system.	\$ 36.0	\$ 45.1	\$ 22.9	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	\$ 34.1	\$ 12.5	4/20/18	3/20/18
John Day Governor Upgrade	Upgrade of the governors with digital controls and replacement of associated components.	\$ 10.7	\$ 8.9	\$ 8.6	10/26/16	7/7/16
John Day Turbine Hub Upgrades	Rebuild and upgrade up to five turbine runner hubs. Four additional hubs may be rebuilt under a future amendment to this project.	N/A ⁴	N/A ⁴	\$ 1.0	12/31/18	11/6/22
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	\$ 3.9	9/4/18	10/16/17
Dworshak U3 Stator and Coolers	Replace the winding, core and air coolers.	N/A ⁴	N/A ⁴	\$ 1.2	6/1/17	6/1/17
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	\$ 30.2	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	\$ 0.1	3/31/20	4/1/19
Lower Granite U1 Linkage Upgrade	Upgrade the U1 turbine linkage to restore full Kaplan capability.	\$ 7.6	\$ 4.1	\$ 2.2	9/9/16	6/30/17
Lower Monumental U1 Linkage Refurbishment	Refurbish turbine linkage and rewind generator.	\$ 14.8	\$ 16.6	\$ 5.0	3/1/16	5/31/17
Hungry Horse Station Service Replacement	Replace station service switchgear distribution board/feeder cables and upgrade relay protection/metering.	\$ 8.1	\$ 7.5	\$ 7.5	1/31/15	9/30/16
Hills Creek Powerhouse Turbine and Unit Rehabilitation	Replace turbine runners and generator windings on units 1 and 2 at Hills Creek.	\$ 24.1	\$ 21.0	\$ 19.2	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.	\$ 36.8	\$ 40.5	\$ 7.1	12/31/14	9/1/19
Black Canyon Switchyard Replacement	Replace and relocate the switchyard.	N/A ⁴	N/A ⁴	\$ -	5/1/19	5/1/19
Palisades Turbine Rehabilitation and Runner Replacement	Replace the turbine runners and rehabilitate the turbines on the four Palisades units.	\$ 28.8	\$ 30.2	\$ 29.4	5/31/16	11/30/16
IT						
Columbia Vista Short Term Replacement (CV-STR)	Replace the current hydro modeling functionality and associated database tool.	\$ 7.1	\$ 8.1	\$ 8.1	9/25/15	6/30/16

This information has been made publicly available by BPA on 8/2/2016 and does not contain Agency-approved Financial Information.

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 2016

Project	Description	Direct Capital \$M ²			In-Service Date	
		Target	Forecast	Actual ³	Target	Forecast
Facilities						
Tri Cities Maintenance Headquarters and Franklin Yard	Construct Tri-Cities maintenance HQ, heat line for spare transformers and a spare parts yard at Franklin.	\$ 14.2	\$ 17.2	\$ 17.1	12/31/13	7/29/16
Ross Maintenance Headquarters	Construct a maintenance HQ office building, high-bay structure and lay-down storage area on the Ross complex.	\$ 20.6	\$ 19.6	\$ 1.7	12/31/17	10/31/17

Summary			
Transmission	\$1,413.6	\$ 1,403.5	\$ 1,036.6
Federal Hydro	578.3	605.2	370.8
IT	7.1	8.1	8.1
Facilities	34.8	36.8	18.8
Total	\$2,033.8	\$ 2,053.6	\$ 1,434.3

This information has been made publicly available by BPA on 8/2/2016 and does not contain Agency-approved Financial Information.

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

³ Actual costs are project costs to date.

² Direct capital costs exclude AFUDC and overheads

⁴ Contracts have not been awarded - cost estimates are confidential

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

Sunny Donato
Public Utilities Specialist

Janice Johnson
Accountant



Q4 Forecast of FY 2016 Slice True-Up Adjustment

	FY 2016 Forecast \$ in thousands
February 3, 2016 First Quarter Business Review	\$10,036 (positive = charge)
May 3, 2016 Second Quarter Business Review	\$11,292
Aug 2, 2016 Third Quarter Business Review	\$5,289
November 1, 2016 Fourth Quarter Business Review	(\$2,774)
Actual Slice True-Up Adjustment Charge/Credit	

Summary of Differences From Q4 Forecast to FY 2016 (BP-16)

#		Composite Cost Pool True- Up Table Reference	Q4 – FY 16 \$ in thousands
1	Total Expenses	Row 103	\$(664,891)
2	Total Revenue Credits	Rows 123 + 132	\$(41,861)
3	Minimum Required Net Revenue	Row 149	\$613,006
4	TOTAL Composite Cost Pool (1 - 2 + 3) \$(664,891K)-\$(41,861K)+\$613,006K = \$(10,024K)	Row 154	\$(10,024)
5	TOTAL in line 4 divided by <u>0.9619012</u> sum of TOCAs \$(10,024K) / <u>0.9619012</u> = \$(10,421)K	Row 156	\$(10,421)
6	Q4 Forecast of FY 16 True-up Adjustment 26.61865 percent of Total in line 5 0.2661865* \$ (10,421K) = \$(2,774K)	Row 157	\$(2,774)

Lower Level Differences From Q4 Forecast to FY 2016 (BP-16)

#	Line Item of Values Changed Over \$18 M	Composite Cost Pool True-Up Table Reference	Q4 – FY 2016 Rate Case (\$ in thousands)
1	Principal Payment of Fed Debt for Power	Row 135	\$ 958,651
2	Non-Cash Expenses	Row 141	\$ 259,000
3	Customer Proceeds	Row 142	\$ 81,611
4	Other Income, Expenses, Adjustments	Row 79	\$ 25,505
5	4(h)(10)(c) credit	Row 108	\$ (18,479)
6	BUREAU OF RECLAMATION	Row 5	\$ (24,062)
7	WNP-3 DEBT SVC	Row 85	\$ (156,839)
8	WNP-1 DEBT SVC	Row 84	\$ (215,097)
9	Expense Offset	Row 80	\$ (231,340)

Composite Cost Pool Interest Credit

Allocation of Interest Earned on the Bonneville Fund		
(\$ in thousands)		
		<u>Q4 2016</u>
1	Fiscal Year Reserves Balance	570,255
2	Adjustments for pre-2002 Items	-
3	Reserves for Composite Cost Pool (Line 1 + Line 2)	570,255
4	Composite Interest Rate	1.98%
5	Composite Interest Credit	(11,289)
6	Prepay Offset Credit	(1,014)
7	Total Interest Credit for Power Services	(11,405)
8	Non-Slice Interest Credit (Line 7 - (Line 5+6))	899

Net Interest Expense in Slice True-Up Forecast

	2016 Rate Case	Q4 Forecast
	<u>(\$ in thousands)</u>	<u>(\$ in thousands)</u>
• Federal Appropriation	189,757	188,926
• Capitalization Adjustment	(45,937)	(45,937)
• Borrowings from US Treasury	56,935	50,330
• Prepay Interest Expense	13,273	13,273
• Interest Expense	214,028	206,592
• AFUDC	(10,731)	(9,262)
• Interest Income (composite)	(8,440)	(11,289)
• Prepay Offset Credit	(468)	(1,014)
• Total Net Interest Expense	194,389	185,026

Transmission Capital Program FY 2016

Results of Capital Efficiencies and Cost Control Measures

Amit Sinha

Supervisory Electrical Engineer



- Total capital cost saving for the year: \$16.6M (3.6% of \$462M budget)
- Key Contributors
 - Effective project cost monitoring and controls
 - Creative engineering solutions and value engineering
 - Effective project execution, and
 - Effective contract negotiations

IPR 2 Update

Cheryl Hargin
Acting Manager, Analysis & Requirements



Scope and Objectives

- **Federal Hydro Expense/Capital**
 - Work with the Bureau of Reclamation (BOR), the Corps of Engineers (COE) and its customers to evaluate opportunities to reduce Fed Hydro O&M/capital costs in BP-18.
 - December – educational customer session: build understanding of cost structure, cost drivers and cost management.
- **Columbia Generating Station Expense**
 - Work with customers to build an understanding of Columbia's (CGS) O&M budgets to evaluate alternatives for reducing funding levels in BP-18.
 - December – educational customer session: build understanding of cost structure, cost drivers and cost management.
- **Commercial Operations KSI**
 - Develop and share alternatives for funding levels for the Commercial Operations KSI in BP-18.
 - December – educational session: overview of Commercial Operations KSI vision, objectives and planning process and discuss what will be shared in February.
- **Workforce**
 - Identify potential cost reductions to Workforce IPR estimates for FYs 2018-2019, based on historical FTE data.

Schedule

- Week of December 12 – Educational Webinar Sessions
 - Early January – Invitation Letter
 - Week of February 13 – IPR 2 Workshops
-
- Questions or areas you want to focus on?
 - Send recommendations/feedback to bpafinance@bpa.gov.

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: 0020FY16 FCRPS Summary Statement of Revenues and Expenses Run Date/Run Time: October 18,2016/ 05:56
 Requesting BL: CORPORATE BUSINESS UNIT Through the Month Ended September 30, 2016 Data Source: EPM Data Warehouse
 Unit of measure: \$ Thousands Preliminary/ Unaudited % of Year Elapsed = 100%

	A	B	C <Note 1	D
	FY 2015	FY 2016		FY 2016
	Actuals	SOY Budget	Current EOY Forecast	Actuals: FYTD
Operating Revenues				
1 Gross Sales (excluding bookout adjustment) <Note 3	\$ 3,301,965	\$ 3,431,397	\$ 3,307,484	\$ 3,305,572
2 Bookout adjustment to Sales	(44,504)	-	(18,937)	(22,064)
3 Miscellaneous Revenues	64,654	85,588	77,419	71,913
4 U.S. Treasury Credits	82,316	95,707	85,941	77,228
5 Total Operating Revenues	3,404,432	3,612,692	3,451,907	3,432,649
Operating Expenses				
Power System Generation Resources				
Operating Generation Resources				
6 Columbia Generating Station	318,231	261,448	258,248	258,587
7 Bureau of Reclamation	134,284	155,318	137,614	132,756
8 Corps of Engineers	230,742	242,885	237,919	237,966
9 Long-term Contract Generating Projects	26,074	22,601	20,559	20,455
10 Operating Generation Settlement Payment	18,555	19,323	19,323	17,496
11 Non-Operating Generation	1,126	1,600	1,240	1,239
12 Gross Contracted Power Purchases and Augmentation Power Purch	120,968	48,515	126,788	133,893
13 Bookout Adjustment to Power Purchases	(44,504)	-	(18,937)	(22,064)
14 Exchanges & Settlements <Note 3	200,265	219,100	219,100	218,717
15 Renewables	31,382	38,883	38,197	36,244
16 Generation Conservation	43,432	135,495	129,520	123,484
17 Subtotal Power System Generation Resources	1,080,554	1,145,168	1,169,571	1,158,774
18 Power Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	60,814	69,993	71,534	61,473
19 Power Services Non-Generation Operations	77,116	92,215	81,872	78,653
20 Transmission Operations	133,793	163,471	142,509	145,216
21 Transmission Maintenance	166,157	153,719	156,225	157,455
22 Transmission Engineering	57,251	53,906	54,404	51,168
23 Trans Services Transmission Acquisition and Ancillary Services - (3rd Party) <Note 2	21,255	21,670	20,764	13,856
24 Transmission Reimbursables	10,641	8,227	7,777	15,376
25 Fish and Wildlife/USF&W/Planning Council/Environmental Requirements	298,303	309,904	312,444	296,587
BPA Internal Support				
Additional Post-Retirement Contribution	37,638	38,286	34,183	34,183
27 Agency Services G&A	120,064	131,937	134,879	131,375
28 Other Income, Expenses & Adjustments	(28,047)	(32,252)	1,711	(7,161)
29 Non-Federal Debt Service	228,965	798,166	250,086	249,246
30 Depreciation & Amortization	447,984	462,573	467,573	471,118
31 Total Operating Expenses	2,712,486	3,416,983	2,905,531	2,857,318
32 Net Operating Revenues (Expenses)	691,946	195,709	546,376	575,331
Interest Expense and (Income)				
33 Interest Expense	355,854	383,052	351,747	353,834
34 AFUDC	(53,217)	(53,617)	(37,600)	(40,304)
35 Interest Income	(15,345)	(21,158)	(13,221)	(15,362)
36 Net Interest Expense (Income)	287,292	308,277	300,926	298,169
37 Net Revenues (Expenses)	\$ 404,654	\$ (112,568)	\$ 245,451	\$ 277,161
38 Transmission Net Revenues (Expenses)	99,390	99,616	106,336	101,902
39 Power Net Revenues (Expenses)	311,747	(32,913)	147,076	182,805
40 Net Revenue Modifications <Note 4	(268,562)	71,542	(315,142)	(315,646)
41 Adjusted Net Revenues	\$ 142,575	\$ 138,245	\$ (61,729)	\$ (30,939)

<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 benefit 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: 0060FY16

Power Services Detailed Statement of Revenues and Expenses

Run Date\Time: October 18, 2016 05:58

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2015	FY 2016			FY 2016	FY 2016
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Operating Revenues						
1	Gross Sales (excluding bookout adjustment) <Note 2	\$ 2,399,397	\$ 2,522,140	\$ 2,518,204	\$ 2,398,305	100%
2	Bookout Adjustment to Sales	(44,504)	-	-	(18,937)	117%
3	Miscellaneous Revenues	30,389	37,541	37,140	28,990	96%
4	Inter-Business Unit	121,260	115,750	121,164	115,354	98%
5	U.S. Treasury Credits	82,316	95,707	95,707	77,228	90%
6	Total Operating Revenues	2,588,858	2,771,138	2,772,215	2,611,725	100%
Operating Expenses						
Power System Generation Resources						
Operating Generation						
7	COLUMBIA GENERATING STATION	318,231	262,948	261,448	258,248	100%
8	BUREAU OF RECLAMATION	134,284	156,818	155,318	137,614	96%
9	CORPS OF ENGINEERS	230,742	243,885	242,885	237,919	100%
10	LONG-TERM CONTRACT GENERATING PROJECTS	26,074	22,303	22,601	20,559	99%
11	Sub-Total	709,330	685,954	682,252	654,340	99%
Operating Generation Settlements and Other Payments						
12	COLVILLE GENERATION SETTLEMENT	18,555	19,323	19,323	19,323	91%
13	Sub-Total	18,555	19,323	19,323	17,496	91%
Non-Operating Generation						
14	TROJAN DECOMMISSIONING	716	800	800	734	100%
15	WNP-1&3 O&M	409	800	800	506	100%
16	Sub-Total	1,126	1,600	1,600	1,240	100%
Gross Contracted Power Purchases (excluding bookout adjustments)						
17	PNCA HEADWATER BENEFITS	3,089	3,000	3,115	3,115	74%
18	PURCHASES FOR SERVICE AT TIER 2 RATES	24,648	22,058	22,058	22,057	100%
19	OTHER POWER PURCHASES - (e.g. Short-Term)	93,230	23,342	23,342	101,616	108%
20	Sub-Total	120,968	48,400	48,515	126,788	106%
21	Bookout Adjustments to Contracted Power Purchases	(44,504)	-	-	(18,937)	117%
Augmentation Power Purchases						
22	AUGMENTATION POWER PURCHASES	-	-	-	-	0%
23	Sub-Total	-	-	-	-	0%
Exchanges & Settlements						
24	RESIDENTIAL EXCHANGE PROGRAM <Note 2	200,265	218,975	219,100	219,100	100%
25	Sub-Total	200,265	218,975	219,100	218,717	100%
Renewable Generation						
26	RENEWABLES	31,464	40,987	38,973	38,197	95%
27	Sub-Total	\$ 31,464	\$ 40,987	\$ 38,973	\$ 38,197	95%

Report ID: 0060FY16

Power Services Detailed Statement of Revenues and Expenses

Run Date\Time: October 18, 2016 05:58

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

		A	B	C	D <Note 1	E	F
		FY 2015	FY 2016			FY 2016	FY 2016
		Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Generation Conservation							
28	DSM TECHNOLOGY	\$ -	\$ -	\$ -	\$ -	\$ -	0%
29	CONSERVATION PURCHASES	-	-	76,996	78,312	76,758	98%
30	CONSERVATION INFRASTRUCTURE	15,756	101,932	24,034	24,642	22,826	93%
31	DR & SMART GRID	893	1,245	992	970	947	98%
32	LOW INCOME ENERGY EFFICIENCY	5,248	5,336	5,336	5,336	5,361	100%
33	REIMBURSABLE ENERGY EFFICIENCY DEVELOPMENT	8,218	15,000	15,000	7,124	4,812	68%
34	LEGACY	590	605	605	605	566	94%
35	MARKET TRANSFORMATION	12,728	12,531	12,531	12,531	12,213	97%
36	CONSERVATION RATE CREDIT (CRC)	-	-	-	-	-	0%
37	Sub-Total	43,432	136,649	135,495	129,520	123,484	95%
38	Power System Generation Sub-Total	1,080,637	1,151,888	1,145,258	1,169,571	1,158,813	99%
Power Non-Generation Operations							
Power Services System Operations							
39	INFORMATION TECHNOLOGY	6,190	5,805	4,217	4,987	5,904	118%
40	GENERATION PROJECT COORDINATION	5,008	7,735	9,035	9,385	5,894	63%
41	SLICE IMPLEMENTATION	846	1,101	882	809	810	100%
42	Sub-Total	12,044	14,642	14,134	15,181	12,608	83%
Power Services Scheduling							
43	OPERATIONS SCHEDULING	8,358	10,307	10,104	8,935	8,889	99%
44	OPERATIONS PLANNING	6,787	7,100	7,537	6,427	6,468	101%
45	Sub-Total	15,145	17,406	17,641	15,362	15,358	100%
Power Services Marketing and Business Support							
46	POWER R&D	6,772	6,033	6,601	6,011	6,033	100%
47	SALES & SUPPORT	18,293	22,049	21,740	20,153	19,886	99%
48	STRATEGY, FINANCE & RISK MGMT	11,986	22,628	17,864	13,406	12,432	93%
49	EXECUTIVE AND ADMINISTRATIVE SERVICES	4,783	4,326	5,613	4,072	4,123	101%
50	CONSERVATION SUPPORT	8,132	9,456	8,622	7,687	8,224	107%
51	Sub-Total	49,966	64,494	60,440	51,329	50,698	99%
52	Power Non-Generation Operations Sub-Total	77,154	96,542	92,215	81,872	78,663	96%
Power Services Transmission Acquisition and Ancillary Services							
PBL Transmission Acquisition and Ancillary Services							
53	POWER SERVICES TRANSMISSION & ANCILLARY SERVICES	88,731	108,908	108,908	99,722	100,488	101%
54	3RD PARTY GTA WHEELING	58,137	63,567	67,297	68,838	58,453	85%
55	POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	2,677	2,381	2,696	2,696	3,020	112%
56	GENERATION INTEGRATION / WIT-TS	10,521	12,142	12,216	12,213	12,952	106%
57	TELEMETERING/EQUIP REPLACEMT	-	-	-	-	-	0%
58	Power Srvc Trans Acquisition and Ancillary Services Sub-Tota	160,065	186,998	191,117	183,469	174,913	95%
Fish and Wildlife/USF&W/Planning Council/Environmental Req							
BPA Fish and Wildlife							
59	Fish & Wildlife	258,177	267,000	267,000	270,004	258,142	96%
60	USF&W Lower Snake Hatcheries	30,930	32,303	32,303	32,303	28,645	89%
61	Planning Council	9,870	11,236	11,236	10,836	10,720	99%
62	Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 298,978	\$ 310,539	\$ 310,539	\$ 313,144	\$ 297,508	95%

Report ID: 0060FY16

Power Services Detailed Statement of Revenues and Expenses

Run Date\Time: October 18, 2016 05:58

Requesting BL: POWER BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D <small><Note 1</small>	E	F
	FY 2015	FY 2016			FY 2016	FY 2016
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
BPA Internal Support						
63 Additional Post-Retirement Contribution	\$ 18,819	\$ 19,143	\$ 19,143	\$ 17,743	\$ 17,743	100%
64 Agency Services G&A (excludes direct project support)	55,693	53,138	58,661	62,426	60,230	96%
65 BPA Internal Support Sub-Total	74,512	72,281	77,804	80,170	77,974	97%
66 Bad Debt Expense	6	-	-	(2)	4	-302%
67 Other Income, Expenses, Adjustments	(27,804)	(97,577)	(20,000)	385	(390)	-201%
Non-Federal Debt Service						
Energy Northwest Debt Service						
68 COLUMBIA GENERATING STATION DEBT SVC	78,612	100,810	100,810	96,945	96,026	99%
69 WNP-1 DEBT SVC	40,144	258,325	258,325	43,122	43,227	100%
70 WNP-3 DEBT SVC	59,863	225,942	225,942	69,130	69,102	100%
71 Sub-Total	178,618	585,077	585,077	209,197	208,356	100%
Non-Energy Northwest Debt Service						
72 CONSERVATION DEBT SVC	312	-	-	-	-	0%
73 COWLITZ FALLS DEBT SVC	7,299	7,300	7,300	7,299	7,299	100%
74 NORTHERN WASCO DEBT SVC	1,929	1,931	1,931	1,931	1,931	100%
75 Sub-Total	9,541	9,231	9,231	9,230	9,231	100%
76 Non-Federal Debt Service Sub-Total	188,159	594,308	594,308	218,427	217,587	100%
77 Depreciation	134,641	140,201	140,201	139,201	138,546	100%
78 Amortization	89,548	82,350	82,350	88,350	88,414	100%
79 Total Operating Expenses	2,075,895	2,537,530	2,613,792	2,274,586	2,232,031	98%
80 Net Operating Revenues (Expenses)	512,963	233,608	158,423	337,138	368,730	109%
Interest Expense and (Income)						
81 Federal Appropriation	202,819	189,757	189,757	188,850	188,926	100%
82 Capitalization Adjustment	(45,937)	(45,937)	(45,937)	(45,937)	(45,937)	100%
83 Borrowings from US Treasury	47,939	56,935	56,935	50,539	50,330	100%
84 Customer Prepaid Power Purchases	14,041	13,273	13,273	13,273	13,273	100%
85 AFUDC	(8,664)	(10,731)	(10,731)	(8,600)	(9,262)	108%
86 Interest Income	(8,981)	(11,961)	(11,961)	(8,063)	(11,405)	141%
87 Net Interest Expense (Income)	201,216	191,336	191,336	190,062	185,925	98%
88 Total Expenses	2,277,111	2,728,866	2,805,128	2,464,648	2,417,957	98%
89 Net Revenues (Expenses)	\$ 311,747	\$ 42,272	\$ (32,913)	\$ 147,076	\$ 182,805	124%

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

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

Report ID: 0061FY16

Transmission Services Detailed Statement of Revenues and Expenses

Run Date/Time: October 18, 2016 06:11

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2015	FY 2016			FY 2016	FY 2016
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
Operating Revenues						
Sales						
Network						
1	Network Integration	\$ 133,327	\$ 132,025	\$ 132,025	\$ 129,566	\$ 129,695 100%
2	Other Network	449,743	457,006	440,202	438,460	436,310 100%
3	Intertie	68,147	76,152	75,847	74,059	73,891 100%
4	Other Direct Sales	251,351	268,228	265,119	267,095	263,312 99%
5	Miscellaneous Revenues	34,265	39,042	48,448	48,429	44,033 91%
6	Inter-Business Unit Revenues	100,136	121,422	121,404	113,052	114,459 101%
7	Total Operating Revenues	1,036,969	1,093,874	1,083,046	1,070,660	1,061,700 99%
Operating Expenses						
Transmission Operations						
System Operations						
8	INFORMATION TECHNOLOGY	8,103	10,377	5,536	8,442	9,436 112%
9	POWER SYSTEM DISPATCHING	13,209	13,536	14,031	13,531	13,913 103%
10	CONTROL CENTER SUPPORT	20,849	18,572	22,714	21,568	23,066 107%
11	TECHNICAL OPERATIONS	6,288	6,913	8,740	8,562	7,750 91%
12	ENERGY IMBALANCE MARKET	585	7,522	5,590	1,341	2,414 180%
13	SUBSTATION OPERATIONS	23,347	21,399	23,436	23,439	23,572 101%
14	Sub-Total	72,381	78,319	80,046	76,882	80,151 104%
Scheduling						
15	RESERVATIONS	1,156	1,362	1,564	980	1,167 119%
16	PRE-SCHEDULING	344	268	416	342	382 112%
17	REAL-TIME SCHEDULING	4,323	5,038	6,156	5,141	4,739 92%
18	SCHEDULING TECHNICAL SUPPORT	3,732	4,161	4,056	3,518	3,641 104%
19	SCHEDULING AFTER-THE-FACT	237	281	525	438	273 62%
20	Sub-Total	9,792	11,110	12,716	10,419	10,202 98%
Marketing and Business Support						
21	TRANSMISSION SALES	2,354	2,700	3,110	2,427	2,299 95%
22	MKTG TRANSMISSION FINANCE	-	-	-	-	- 0%
23	MKTG CONTRACT MANAGEMENT	4,244	4,862	4,646	4,243	4,453 105%
24	MKTG TRANSMISSION BILLING	2,414	3,301	2,804	2,398	2,318 97%
25	MKTG BUSINESS STRAT & ASSESS	6,687	7,171	6,254	6,255	6,836 109%
26	Marketing Sub-Total	15,698	18,033	16,814	15,324	15,906 104%
27	EXECUTIVE AND ADMIN SERVICES	12,727	24,235	30,355	17,572	16,630 95%
28	LEGAL SUPPORT	2,250	3,331	1,617	1,466	2,611 178%
29	TRANS SERVICES INTERNAL GENERAL & ADMINISTRATIVE	12,913	12,961	15,005	13,772	11,047 80%
30	AIRCRAFT SERVICES	1,234	2,205	2,365	2,366	1,094 46%
31	LOGISTICS SERVICES	5,598	4,325	3,856	3,870	6,685 173%
32	SECURITY ENHANCEMENTS	1,201	754	697	837	889 106%
33	Business Support Sub-Total	35,922	47,811	53,894	39,883	38,957 98%
34	Transmission Operations Sub-Total	\$ 133,793	\$ 155,274	\$ 163,471	\$ 142,509	\$ 145,216 102%

Report ID: 0061FY16

Transmission Services Detailed Statement of Revenues and Expenses

Run Date/Time: October 18, 2016 06:11

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B		C	D <Note 1	E	F
	FY 2015	FY 2016			FY 2016	FY 2016	
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast	
Transmission Maintenance							
System Maintenance							
35	NON-ELECTRIC MAINTENANCE	\$ 32,203	\$ 30,750	\$ 26,268	\$ 26,122	\$ 27,546	105%
36	SUBSTATION MAINTENANCE	36,926	28,566	29,616	29,909	31,125	104%
37	TRANSMISSION LINE MAINTENANCE	27,733	27,054	25,869	24,680	25,564	104%
38	SYSTEM PROTECTION CONTROL MAINTENANCE	12,718	13,541	13,122	13,422	13,222	99%
39	POWER SYSTEM CONTROL MAINTENANCE	18,939	18,239	14,363	18,085	19,095	106%
40	JOINT COST MAINTENANCE	175	111	3	11	230	2117%
41	SYSTEM MAINTENANCE MANAGEMENT	6,041	9,954	11,342	9,541	8,555	90%
42	ROW MAINTENANCE	6,502	10,098	9,192	8,107	7,785	96%
43	HEAVY MOBILE EQUIP MAINT	116	0	(1)	-	312	0%
44	TECHNICAL TRAINING	2,317	2,368	2,752	2,752	2,719	99%
45	VEGETATION MANAGEMENT	18,223	17,181	16,737	19,135	16,489	86%
46	Sub-Total	161,894	157,861	149,262	151,764	152,640	101%
Environmental Operations							
47	ENVIRONMENTAL ANALYSIS	19	-	2	2	6	337%
48	POLLUTION PREVENTION AND ABATEMENT	4,244	4,690	4,456	4,459	4,808	108%
49	Sub-Total	4,263	4,690	4,458	4,461	4,815	108%
50	Transmission Maintenance Sub-Total	166,157	162,552	153,719	156,225	157,455	101%
Transmission Engineering							
System Development							
51	RESEARCH & DEVELOPMENT	7,359	9,522	7,296	7,014	7,458	106%
52	TSD PLANNING AND ANALYSIS	22,796	16,486	18,010	18,145	18,059	100%
53	CAPITAL TO EXPENSE TRANSFER	6,836	4,307	4,261	6,608	8,951	135%
54	NERC / WECC COMPLIANCE	17,168	20,311	20,494	18,369	14,052	76%
55	ENVIRONMENTAL POLICY/PLANNING	1,225	1,599	1,689	1,731	1,251	72%
56	ENG RATING AND COMPLIANCE	1,867	2,195	2,155	2,537	1,399	55%
57	Sub-Total	57,251	54,421	53,906	54,404	51,168	94%
58	Transmission Engineering Sub-Total	57,251	54,421	53,906	54,404	51,168	94%
Trans. Services Transmission Acquisition and Ancillary Services							
BBL Acquisition and Ancillary Products and Services							
59	ANCILLARY SERVICES PAYMENTS	109,416	101,027	109,067	105,328	103,366	98%
60	OTHER PAYMENTS TO POWER SERVICES	9,403	9,617	9,393	9,393	9,393	100%
61	STATION SERVICES PAYMENTS	2,442	2,785	2,704	2,704	2,595	96%
62	Sub-Total	121,261	113,429	121,164	117,425	115,354	98%
Non-BBL Acquisition and Ancillary Products and Services							
63	LEASED FACILITIES	5,478	7,447	7,447	6,992	7,533	108%
64	GENERAL TRANSFER AGREEMENTS (SETTLEMENT)	9,716	18	-	-	1,344	0%
65	NON-BBL ANCILLARY SERVICES	2,323	19,240	13,904	13,762	4,932	36%
66	OVERSUPPLY DISPLACEMENT COSTS	2,702	-	-	-	-	0%
67	TRANSMISSION RENEWABLES	1,033	1,313	319	9	46	533%
68	Sub-Total	21,253	28,018	21,670	20,764	13,856	67%
69	Trans. Srvcs. Acquisition and Ancillary Services Sub-Total	142,514	141,447	142,834	138,189	129,210	94%
Transmission Reimbursables							
Reimbursables							
70	EXTERNAL REIMBURSABLE SERVICES	8,894	8,528	5,367	5,126	13,624	266%
71	INTERNAL REIMBURSABLE SERVICES	1,747	1,113	2,860	2,650	1,752	66%
72	Sub-Total	10,641	9,641	8,227	7,777	15,376	198%
73	Transmission Reimbursables Sub-Total	\$ 10,641	\$ 9,641	\$ 8,227	\$ 7,777	\$ 15,376	198%

Report ID: 0061FY16

Transmission Services Detailed Statement of Revenues and Expenses

Run Date/Time: October 18, 2016 06:11

Requesting BL: TRANSMISSION BUSINESS UNIT

Through the Month Ended September 30, 2016

Data Source: EPM Data Warehouse

Unit of Measure: \$ Thousands

Preliminary/ Unaudited

% of Year Elapsed = 100%

	A	B	C	D <Note 1	E	F
	FY 2015	FY 2016			FY 2016	FY 2016
	Actuals	Rate Case	SOY Budget	Current EOY Forecast	Actuals	Actuals per Forecast
BPA Internal Support						
74 Additional Post-Retirement Contribution	\$ 18,819	\$ 19,143	\$ 19,143	\$ 16,440	\$ 16,440	100%
75 Agency Services G & A (excludes direct project support)	64,371	62,895	73,276	72,452	71,144	98%
76 BPA Internal Support Subtotal	83,190	82,038	92,419	88,892	87,584	99%
Other Income, Expenses, and Adjustments						
77 Bad Debt Expense	15	-	-	-	10	0%
78 Other Income, Expenses, Adjustments	(176)	-	-	1,328	(6,737)	-607%
79 Undistributed Reduction	-	(2,100)	(12,252)	-	-	0%
80 Depreciation	221,596	237,924	237,571	237,571	241,985	102%
81 Amortization	2,199	2,098	2,451	2,451	2,174	89%
82 Total Operating Expenses	817,180	843,294	842,346	829,346	823,440	99%
83 Net Operating Revenues (Expenses)	219,789	250,579	240,700	241,314	238,260	99%
Interest Expense and (Income)						
84 Federal Appropriation	14,482	14,386	14,386	14,059	14,059	100%
85 Capitalization Adjustment	(18,968)	(18,968)	(18,968)	(18,968)	(18,968)	100%
86 Borrowings from US Treasury	86,006	113,793	113,793	92,533	91,889	99%
87 Debt Service Reassignment	34,324	24,143	24,143	24,114	24,114	100%
88 Customer Advances	6,825	2,173	6,176	5,400	5,648	105%
89 Lease Financing	48,647	57,640	53,637	51,998	54,614	105%
90 AFUDC	(44,553)	(42,886)	(42,886)	(29,000)	(31,042)	107%
91 Interest Income	(6,364)	(9,197)	(9,197)	(5,158)	(3,957)	77%
92 Net Interest Expense (Income)	120,399	141,083	141,083	134,978	136,358	101%
93 Total Expenses	937,579	984,378	983,429	964,323	959,798	100%
94 Net Revenues (Expenses)	\$ 99,390	\$109,496	\$ 99,616	\$106,336	\$101,902	96%

<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: 0067FY16
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended September 30, 2016
 Preliminary Unaudited

Run Date/Run Time: October 18, 2016/ 16:27
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 100%

	A		B		C		D		E	
	FY 2016		FY 2016		FY 2016		FY 2016		FY 2016	
	SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast					
Transmission Business Unit										
MAIN GRID										
1	BIG EDDY-KNIGHT 500kv PROJECT	\$ 17,653	\$ 4,065	\$ 6,671	38%	164%				
2	I-5 CORRIDOR UPGRADE PROJECT	14,068	20,880	21,020	149%	101%				
3	CENTRAL FERRY- LOWER MONUMNTAL	-	2,293	3,993	0%	174%				
4	PORTLAND-VANCOUVER	-	(63)	(61)	0%	96%				
5	TRI-CITIES AREA	-	(8)	-	0%	0%				
6	MONTANA TO NW TRANS AREA	86	1,183	1,635	1903%	138%				
7	MISC. MAIN GRID PROJECTS	264	(2,145)	(1,885)	-713%	88%				
8	SEATTLE TO PORTLAND TRANS AREA	3,264	2,439	2,725	83%	112%				
9	PUDGET SOUND TRANS AREA	706	2	7	1%	358%				
10	TOTAL MAIN GRID	36,042	28,645	34,106	95%	119%				
AREA & CUSTOMER SERVICE										
11	CITY OF CENTRALIA PROJECT	-	-	7	0%	0%				
12	SOUTHERN IDAHO NW WYOMING AREA	9,824	3,536	3,249	33%	92%				
13	LONGVIEW AREA	1,031	417	511	50%	122%				
14	NW MONTANA AREA	397	442	401	101%	91%				
15	MISC. AREA & CUSTOMER SERVICE	1,203	928	980	81%	106%				
16	CENTRAL OREGON AREA	93	138	148	160%	107%				
17	CENTRALIA-CHEHALIS AREA	6,452	9,641	9,599	149%	100%				
18	DE MOSS-FOSSIL AREA	463	136	251	54%	184%				
19	EUGENE AREA	5,685	8,204	8,364	147%	102%				
20	HOOD RIVER-THE DALLES AREA	3,200	2,334	(1,312)	-41%	-56%				
21	MID-COLUMBIA AREA	2,267	1,776	1,601	71%	90%				
22	NORTH IDAHO AREA	13	12	8	57%	64%				
23	NORTH OREGON COAST AREA	2,182	413	390	18%	94%				
24	OLYMPIC PENINSULA AREA	2,591	4,047	4,985	192%	123%				
25	PENDLETON-LA GRANDE AREA	26	-	-	0%	0%				
26	PORTLAND AREA	1,117	65	19	2%	28%				
27	SALEM-ALBANY AREA	383	251	91	24%	36%				
28	SEATTLE-TACOMA-OLYMPIA AREA	19,297	23,219	24,301	126%	105%				
29	SOUTH OREGON COAST AREA	40	(256)	(263)	-663%	103%				
30	SW WASHINGTON COAST AREA	40	22	11	28%	50%				
31	SPOKANE-COLVILLE-BOUNDARY AREA	-	288	344	0%	119%				
32	TRI-CITES SERVICE AREA	34,720	57,809	50,256	145%	87%				
33	VANCOUVER AREA	3,219	2,923	1,944	60%	67%				
34	WALLA WALLA AREA	-	26	-	0%	0%				
35	TOTAL AREA & CUSTOMER SERVICE	\$ 94,243	\$ 116,371	\$ 105,884	112%	91%				

Report ID: 0067FY16
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended September 30, 2016
 Preliminary Unaudited

Run Date/Run Time: October 18, 2016/ 16:27
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 100%

		A	B	C	D	E
		FY 2016		FY 2016	FY 2016	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Transmission Business Unit (Continued)						
<u>SYSTEM REPLACEMENTS</u>						
36	TEAP - TOOLS	\$ 1,000	\$ 1,096	\$ 701	70%	64%
37	TEAP - EQUIPMENT	8,734	7,165	6,431	74%	90%
38	SPC - SER	3,015	4,314	3,009	100%	70%
39	SPC - DFRS	59	65	82	138%	126%
40	SPC - METERING	1,163	3,953	2,735	235%	69%
41	SPC - CONTROL AND INDICATION	1,005	248	370	37%	149%
42	SPC - RELAYS	26,443	25,058	22,018	83%	88%
43	PSC - TELEPHONE SYSTEMS	1,851	1,360	957	52%	70%
44	PSC - TRANSFER TRIP	6,816	7,748	7,247	106%	94%
45	PSC - FIN/OP NETWORKS	1,097	259	180	16%	70%
46	PSC - TLECOM TRANSPORT	2,803	4,221	5,128	183%	121%
47	PSC - SCADA/TELEMTRY/SUP CNTRL	5,474	8,265	7,950	145%	96%
48	PSC- TELECOM SUPPORT EQUIPMENT	2,935	5,255	4,097	140%	78%
49	SUB DC - SUSTAIN	10,425	65	125	1%	192%
50	SUB AC- BUS & STRUCTURES	1,851	349	358	19%	103%
51	SUB AC - LOW VOLTAGE AUX.	20,559	21,681	21,303	104%	98%
52	SUB AC- SHUNT CAPACITORS	780	170	700	90%	411%
53	SUB AC-CIRCUIT BRKR & SWTCH GR	20,678	28,046	26,502	128%	94%
54	SUB AC - CVT/PT/CT & ARRESTERS	2,234	3,555	3,029	136%	85%
55	SUB AC-TRANSFORMERS & REACTORS	9,876	14,810	11,533	117%	78%
56	LINES STEEL - SUSTAIN	15,998	11,666	12,843	80%	110%
57	LINES WOOD POLES - SUSTAIN	64,918	54,925	48,805	75%	89%
58	SYSTEM TELECOM - SUSTAIN	29,881	18,930	16,206	54%	86%
59	MISC FACILITIES- NON-ELECTRIC	20,600	2,056	1,826	9%	89%
60	SECURITY ENHANCEMENTS	9,099	14,861	13,489	148%	91%
61	ACCESS ROADS	19,965	22,752	11,421	57%	50%
62	CC SYSTEM INFRASTRUCTURE	9,685	8,059	10,644	110%	132%
63	LAND RIGHTS - SUSTAIN	7,390	11,804	6,231	84%	53%
64	LINE - RATINGS PROGRAM	17,188	5,514	5,360	31%	97%
65	PSC - RAS	357	-	-	0%	0%
66	SPC - RAS	2,063	-	-	0%	0%
67	SPC - BUILDINGS	3,966	4,205	4,245	107%	101%
68	TOTAL SYSTEM REPLACEMENTS	\$ 329,910	\$ 292,456	\$ 255,526	77%	87%

Report ID: 0067FY16
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended September 30, 2016
 Preliminary Unaudited

Run Date/Run Time: October 18, 2016/ 16:27
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 100%

A		B		C		D		E	
FY 2016		FY 2016		FY 2016		FY 2016		FY 2016	
SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals: FYTD	Actuals: FYTD	Actuals: FYTD	Actuals / SOY Budget	Actuals / SOY Budget	Actuals / Forecast	Actuals / Forecast

Transmission Business Unit (Continued)									
<u>UPGRADES & ADDITIONS</u>									
69	IT PROJECTS	\$ 3,781	\$ 3,810	\$ 3,708		98%		97%	
70	SUB AC - UPGRADES & ADDITIONS	4,429	13,467	11,172		252%		83%	
71	SUB DC - UPGRADES & ADDITIONS	92,376	92,658	96,052		104%		104%	
72	CONTROL CENTERS-UPGRADE & ADD	661	17	22		3%		132%	
73	SYSTEM TELECOM - UPGRADE & ADD	38,323	28,471	24,741		65%		87%	
74	MISC. UPGRADES AND ADDITIONS	13	(1,757)	(1,218)		-9214%		69%	
75	FACILITIES NON-ELECTRIC EXPAND	6,804	6,337	9,026		133%		142%	
76	TOTAL UPGRADES & ADDITIONS	146,387	143,003	143,503		98%		100%	
<u>ENVIRONMENT CAPITAL</u>									
77	MISC. ENVIRONMENT PROJECTS	6,992	10,447	9,309		133%		89%	
78	TOTAL ENVIRONMENT CAPITAL	6,992	10,447	9,309		133%		89%	
79	CAPITAL DIRECT	613,574	590,923	548,328		89%		93%	
<u>PFIA</u>									
80	MISC. PFIA PROJECTS	6,156	2,689	2,844		46%		106%	
81	GENERATOR INTERCONNECTION	13,222	(41)	(25)		0%		62%	
82	SPECTRUM RELOCATION	985	246	102		10%		41%	
83	TOTAL PFIA	20,363	2,893	2,920		14%		101%	
84	CAPITAL INDIRECT	-	-	533		0%		0%	
85	TOTAL Transmission Business Unit	\$ 633,937	\$ 593,817	\$ 551,782		87%		93%	

Report ID: 0067FY16
 Requesting BL: CORPORATE BUSINESS UNIT
 Unit of Measure: \$Thousands

BPA Statement of Capital Expenditures
 FYTD Through the Month Ended September 30, 2016
 Preliminary Unaudited

Run Date/Run Time: October 18, 2016/ 16:27
 Data Source: EPM Data Warehouse
 % of Year Elapsed = 100%

		A	B	C	D	E
		FY 2016		FY 2016	FY 2016	
		SOY Budget	Current EOY Forecast	Actuals: FYTD	Actuals / SOY Budget	Actuals / Forecast
Power Business Unit						
86	BUREAU OF RECLAMATION <Note 1	\$ 57,200	\$ 41,640	\$ 38,175	67%	92%
87	CORPS OF ENGINEERS <Note 1	150,300	145,360	148,807	99%	102%
88	POWER INFORMATION TECHNOLOGY	5,196	5,639	4,904	94%	87%
89	FISH & WILDLIFE <Note 2	40,000	25,000	16,030	40%	64%
90	TOTAL Power Business Unit	252,696	217,639	207,916	82%	96%
Corporate Business Unit						
91	CORPORATE BUSINESS UNIT	21,158	20,180	17,139	81%	85%
92	TOTAL Corporate Business Unit	21,158	20,180	17,139	81%	85%
93	TOTAL BPA Capital Expenditures	\$ 907,791	\$ 831,636	\$ 776,837	86%	93%

< 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
November 1, 2016	Fourth Quarter Business Review Meeting with customers Provide Slice True-Up Adjustment for the Composite Cost Pool (this is the number posted in the financial system and is expected to be the final number)
November 14, 2016	Mail notification to Slice Customers of the Slice True-Up Adjustment for the Composite Cost Pool
November 16, 2016	BPA to post Composite Cost Pool True-Up Table containing actual values and the Slice True-Up Adjustment
December 8, 2016	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 22, 2016	BPA posts a response to customer questions (Attachment A does not specify an exact date)
January 9, 2017	Customer comments are due on the list of tasks (The deadline can not exceed 10 days from BPA posting)
January 31, 2017	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

		End of Year (\$000)	Rate Case forecast for FY 2016 (\$000)	End of Year - Rate Case Difference
1	Operating Expenses			
2	Power System Generation Resources			
3	Operating Generation			
4	COLUMBIA GENERATING STATION (WNP-2)	\$ 258,587	\$ 262,948	\$ (4,361)
5	BUREAU OF RECLAMATION	\$ 132,756	\$ 156,818	\$ (24,062)
6	CORPS OF ENGINEERS	\$ 237,966	\$ 243,885	\$ (5,919)
7	LONG-TERM CONTRACT GENERATING PROJECTS	\$ 20,455	\$ 22,303	\$ (1,848)
8	Sub-Total	\$ 649,764	\$ 685,954	\$ (36,190)
9	Operating Generation Settlement Payment and Other Payments			
10	COLVILLE GENERATION SETTLEMENT	\$ 17,496	\$ 19,323	\$ (1,827)
11	SPOKANE LEGISLATION PAYMENT	\$ -	\$ -	\$ -
12	Sub-Total	\$ 17,496	\$ 19,323	\$ (1,827)
13	Non-Operating Generation			
14	TROJAN DECOMMISSIONING	\$ 734	\$ 800	\$ (66)
15	WNP-1&3 DECOMMISSIONING	\$ 506	\$ 800	\$ (294)
16	Sub-Total	\$ 1,239	\$ 1,600	\$ (361)
17	Gross Contracted Power Purchases			
18	PNCA HEADWATER BENEFITS	\$ 2,297	\$ 3,000	\$ (703)
19	Obligations or Purchases)	\$ 11,753	\$ -	\$ 11,753
20	Sub-Total	\$ 14,049	\$ 3,000	\$ 11,049
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)	\$ 218,717	\$ 218,976	\$ (259)
27	OTHER SETTLEMENTS	\$ -	\$ -	\$ -
28	Sub-Total	\$ 218,717	\$ 218,976	\$ (259)
29	Renewable Generation			\$ -
30	RENEWABLES (excludes KIII)	\$ 26,602	\$ 30,939	\$ (4,337)
31	Sub-Total	\$ 26,602	\$ 30,939	\$ (4,337)
32	Generation Conservation			\$ -
33	CONSERVATION ACQUISITION (Conseravtion infr and purc	\$ 99,585	\$ 101,932	\$ (2,347)
34	LOW INCOME WEATHERIZATION & TRIBAL	\$ 5,361	\$ 5,336	\$ 25
35	ENERGY EFFICIENCY DEVELOPMENT	\$ 4,812	\$ 15,000	\$ (10,188)
36	DR & SMART GRID	\$ 947	\$ 1,245	\$ (298)
37	LEGACY	\$ 566	\$ 605	\$ (39)
38	MARKET TRANSFORMATION	\$ 12,213	\$ 12,531	\$ (319)
39	Sub-Total	\$ 123,484	\$ 136,649	\$ (13,165)
40	Power System Generation Sub-Total	\$ 1,051,351	\$ 1,096,440	\$ (45,089)
41				

COMPOSITE COST POOL TRUE-UP TABLE

	End of Year (\$000)	Rate Case forecast for FY 2016 (\$000)	End of Year - Rate Case Difference
42 Power Non-Generation Operations			
43 Power Services System Operations			
44 EFFICIENCIES PROGRAM	\$ -	\$ -	\$ -
45 INFORMATION TECHNOLOGY	\$ 5,904	\$ 5,805	\$ 99
46 GENERATION PROJECT COORDINATION	\$ 5,894	\$ 7,735	\$ (1,841)
47 SLICE IMPLEMENTATION	\$ 810	\$ 1,101	\$ (291)
48 Sub-Total	\$ 12,608	\$ 14,642	\$ (2,034)
49 Power Services Scheduling			\$ -
50 OPERATIONS SCHEDULING	\$ 8,889	\$ 10,307	\$ (1,417)
51 OPERATIONS PLANNING	\$ 6,468	\$ 7,100	\$ (631)
52 Sub-Total	\$ 15,358	\$ 17,406	\$ (2,049)
53 Power Services Marketing and Business Support			\$ -
54 POWER R&D	\$ 6,033	\$ 6,033	\$ (0)
55 SALES & SUPPORT	\$ 19,886	\$ 22,139	\$ (2,254)
56 STRATEGY, FINANCE & RISK MGMT (REP support costs in	\$ 12,432	\$ 22,538	\$ (10,106)
57 EXECUTIVE AND ADMINISTRATIVE SERVICES (REP supp	\$ 4,123	\$ 4,326	\$ (203)
58 CONSERVATION SUPPORT	\$ 8,224	\$ 9,456	\$ (1,232)
59 Sub-Total	\$ 50,698	\$ 64,494	\$ (13,796)
60 Power Non-Generation Operations Sub-Total	\$ 78,663	\$ 96,542	\$ (17,879)
61 Power Services Transmission Acquisition and Ancillary Services			\$ -
62 TRANSMISSION and ANCILLARY Services - System Obligat	\$ 35,815	\$ 35,815	\$ (0)
63 3RD PARTY GTA WHEELING	\$ 58,453	\$ 63,567	\$ (5,115)
64 POWER SERVICES - 3RD PARTY TRANS & ANCILLARY S	\$ -	\$ -	\$ -
65 TRANS ACQ GENERATION INTEGRATION	\$ 12,952	\$ 12,142	\$ 810
66 TELEMETERING/EQUIP REPLACEMT	\$ 0	\$ -	\$ 0
67 Power Services Trans Acquisition and Ancillary Serv Sub-To	\$ 107,219	\$ 111,524	\$ (4,305)
68 Fish and Wildlife/USF&W/Planning Council/Environmental Req			\$ -
69 Fish & Wildlife	\$ 258,142	\$ 267,000	\$ (8,858)
70 USF&W Lower Snake Hatcheries	\$ 28,645	\$ 32,303	\$ (3,658)
71 Planning Council	\$ 10,720	\$ 11,236	\$ (516)
72 Environmental Requirements	\$ -	\$ -	\$ -
73 Fish and Wildlife/USF&W/Planning Council Sub-Total	\$ 297,508	\$ 310,539	\$ (13,032)
74 BPA Internal Support			\$ -
75 Additional Post-Retirement Contribution	\$ 17,743	\$ 19,143	\$ (1,400)
76 Agency Services G&A (excludes direct project support)	\$ 60,230	\$ 53,138	\$ 7,092
77 BPA Internal Support Sub-Total	\$ 77,974	\$ 72,281	\$ 5,693
78 Bad Debt Expense	\$ 4	\$ -	\$ 4
79 Other Income, Expenses, Adjustments	\$ (390)	\$ (25,896)	\$ 25,505
80 Expense Offset	\$ (302,882)	\$ (71,542)	\$ (231,340)
81 Non-Federal Debt Service			\$ -
82 Energy Northwest Debt Service			\$ -
83 COLUMBIA GENERATING STATION DEBT SVC	\$ 96,026	\$ 100,810	\$ (4,784)
84 WNP-1 DEBT SVC	\$ 43,227	\$ 258,325	\$ (215,097)
85 WNP-3 DEBT SVC	\$ 69,102	\$ 225,942	\$ (156,839)
86 EN RETIRED DEBT	\$ -	\$ -	\$ -
87 Sub-Total	\$ 208,356	\$ 585,077	\$ (376,720)

COMPOSITE COST POOL TRUE-UP TABLE

		End of Year (\$000)	Rate Case forecast for FY 2016 (\$000)	End of Year - Rate Case Difference
88	Non-Energy Northwest Debt Service			\$ -
89	CONSERVATION DEBT SVC	\$ -	\$ -	\$ -
90	COWLITZ FALLS DEBT SVC	\$ 7,299	\$ 7,300	\$ (1)
91	NORTHERN WASCO DEBT SVC	\$ 1,931	\$ 1,931	\$ 0
92	Sub-Total	\$ 9,231	\$ 9,231	\$ (1)
93	Non-Federal Debt Service Sub-Total	\$ 217,587	\$ 594,308	\$ (376,721)
94	Depreciation	\$ 138,546	\$ 140,201	\$ (1,655)
95	Amortization	\$ 88,414	\$ 82,350	\$ 6,063
96	Total Operating Expenses	\$ 1,753,994	\$ 2,406,748	\$ (652,755)
97				\$ -
98	Other Expenses			\$ -
99	Net Interest Expense	\$ 185,026	\$ 194,389	\$ (9,362)
100	LDD	\$ 37,092	\$ 39,865	\$ (2,774)
101	Irrigation Rate Discount Costs	\$ 22,146	\$ 22,146	\$ 0
102	Sub-Total	\$ 244,265	\$ 256,400	\$ (12,136)
103	Total Expenses	\$ 1,998,258	\$ 2,663,149	\$ (664,891)
104				\$ -
105	Revenue Credits			\$ -
106	Generation Inputs for Ancillary, Control Area, and Other Services	\$ 115,354	\$ 115,750	\$ (396)
107	Downstream Benefits and Pumping Power revenues	\$ 18,748	\$ 17,219	\$ 1,529
108	4(h)(10)(c) credit	\$ 72,628	\$ 91,107	\$ (18,479)
109	Colville and Spokane Settlements	\$ 4,600	\$ 4,600	\$ -
110	Energy Efficiency Revenues	\$ 5,670	\$ 15,000	\$ (9,330)
111	Large Project Revenues	\$ -	\$ -	\$ -
112	Miscellaneous revenues	\$ 6,656	\$ 5,750	\$ 906
113	Renewable Energy Certificates	\$ 1,195	\$ 1,151	\$ 44
114	Pre-Subscription Revenues (Big Horn/Hungry Horse)	\$ 2,052	\$ 2,036	\$ 16
115	Net Revenues from other Designated BPA System Obligations (U	\$ 307	\$ 457	\$ (150)
116	WNP-3 Settlement revenues	\$ 34,356	\$ 34,537	\$ (181)
117	RSS Revenues	\$ 3,049	\$ 3,049	\$ 0
118	Firm Surplus and Secondary Adjustment (from Unused RHW)	\$ (2,879)	\$ 5,991	\$ (8,869)
119	Balancing Augmentation Adjustment	\$ 1,445	\$ 1,445	\$ (0)
120	Transmission Loss Adjustment	\$ 29,120	\$ 29,120	\$ 0
121	Tier 2 Rate Adjustment	\$ 725	\$ 725	\$ (0)
122	NR Revenues	\$ 1	\$ 1	\$ 0
123	Total Revenue Credits	\$ 293,027	\$ 327,937	\$ (34,910)
124				\$ -

COMPOSITE COST POOL TRUE-UP TABLE

		End of Year (\$000)	Rate Case forecast for FY 2016 (\$000)	End of Year - Rate Case Difference
125	Augmentation Costs (not subject to True-Up)			\$ -
126	Tier 1 Augmentation Resources (includes Augmentation RSS and Augme	\$ 12,493	\$ 12,493	\$ -
127	Augmentation Purchases	\$ -	\$ -	\$ -
128	Total Augmentation Costs	\$ 12,493	\$ 12,493	\$ -
129				\$ -
130	DSI Revenue Credit			\$ -
131	Revenues 10 aMW @ IP rate	\$ 26,609	\$ 33,560	\$ (6,951)
132	Total DSI revenues	\$ 26,609	\$ 33,560	\$ (6,951)
133				\$ -
134	Minimum Required Net Revenue Calculation			\$ -
135	Principal Payment of Fed Debt for Power	\$ 1,053,348	\$ 94,697	\$ 958,651
136	Irrigation assistance	\$ 60,184	\$ 61,066	\$ (882)
137	Sub-Total	\$ 1,113,532	\$ 155,763	\$ 957,769
138	Depreciation	\$ 138,546	\$ 140,201	\$ (1,655)
139	Amortization	\$ 88,414	\$ 82,350	\$ 6,063
140	Capitalization Adjustment	\$ (45,937)	\$ (45,937)	\$ 0
141	Non-Cash Expenses	\$ 259,000	\$ -	\$ 259,000
142	Customer Proceeds	\$ 81,611	\$ -	\$ 81,611
143	Bond Call Premium/Discount	\$ (257)	\$ -	\$ (257)
144	PGE WNP3 Settlement	\$ (3,524)	\$ (3,524)	\$ -
145	Prepay Revenue Credits	\$ (30,600)	\$ (30,600)	\$ -
146	Non-Federal Interest (Prepay)	\$ 13,273	\$ 13,273	\$ 0
147	Sub-Total	\$ 500,527	\$ 155,763	\$ 344,763
148	Principal Payment of Fed Debt plus Irrigation assistance exceeds non ca	\$ 613,006	\$ (0)	
149	Minimum Required Net Revenues	\$ 613,006	\$ -	
150				
151	Annual Composite Cost Pool (Amounts for each FY)	\$ 2,304,121	\$ 2,314,145	\$ (10,024)
152				
153	SLICE TRUE-UP ADJUSTMENT CALCULATION FOR COMPOSITE COST POOL			
154	TRUE-UP AMOUNT (Diff. between Rate Case and Forecast)	\$ (10,024)		
155	Sum of TOCAs	\$ 1		
156	Adjustment of True-Up Amount when actual TOCAs < 100 percent	\$ (10,421)		
157	TRUE-UP ADJUSTMENT CHARGE BILLED (26.61865 percent)	\$ (2,774)		

Financial Disclosure

- The information contained in slides 3-16, 21-25, 31-36 and 44-59 was made publicly available by BPA on October 28, 2016 and contains BPA-approved financial information.
- The information contained in slides 17-20, 26-30, and 37-43 was made publicly available by BPA on October 28, 2016 and contains information not sourced directly from BPA financial statements.