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**BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION**

IN THE MATTER OF THE APPLICATION	)	CASE NO. AVU-E-15-05
OF AVISTA CORPORATION FOR THE	)	
AUTHORITY TO INCREASE ITS RATES	)	
AND CHARGES FOR ELECTRIC AND	)	
NATURAL GAS SERVICE TO ELECTRIC	)	EXHIBIT NO. 6
AND NATURAL GAS CUSTOMERS IN THE	)	
STATE OF IDAHO	)	WILLIAM G. JOHNSON
_____	)	

FOR AVISTA CORPORATION

(ELECTRIC ONLY)

**Avista Corp.**  
**Power Supply Pro forma - Idaho Jurisdiction**  
**System Numbers - Jan 2014 - Dec 2014 Actual and Jan 2016 - Dec 2016 Pro Forma**

Line No.	Jan 14 - Dec 14 Actuals	Adjustment	Jan 16 - Dec 16 Pro Forma
<b><u>555 PURCHASED POWER</u></b>			
1 Modeled ST Market Purchases	\$0	\$10,975	\$10,975
2 Actual ST Market Purchases	98,836	-98,836	0
3 Rocky Reach/Rock Island Purchase	12,320	93	12,413
4 Wells - Avista Share	1,678	168	1,846
5 Wells - Colville Tribe's Share	4,887	-4,887	0
6 Priest Rapids Project	6,818	1,114	7,932
7 Douglas Settlement	1,081	-91	990
8 Lancaster Capacity Payment	22,333	697	23,030
9 Lancaster Variable O&M Payments	2,398	780	3,178
10 WNP-3	14,986	2,589	17,575
11 Deer Lake-IP&L	4	3	7
12 Small Power	1,425	51	1,476
13 Stimson	1,654	474	2,128
14 Spokane-Upriver	2,158	605	2,763
15 Spokane Waste-to-Energy	6,389	61	6,450
16 Non-Monetary	145	-145	0
17 Ancillary Services	927	-927	0
18 Palouse Wind	18,786	1,611	20,397
19 Stateline Wind Purchase	866	-866	0
20 Total Account 555	197,691	-86,532	111,159
<b><u>557 OTHER EXPENSES</u></b>			
21 Broker Commission Fees	614	0	614
22 WA EIA REC Purchase - 100% WA Allocation	735	-735	0
23 Optional Renewable Power Expense Offset	-33	33	0
24 Natural Gas Fuel Purchases	85,747	-85,747	0
25 Total Account 557	87,063	-86,449	614
<b><u>501 THERMAL FUEL EXPENSE</u></b>			
26 Kettle Falls - Wood Fuel	6,035	-464	5,571
27 Kettle Falls - Start-up Gas	15	0	15
28 Colstrip - Coal	20,896	3,515	24,411
29 Colstrip - Oil	333	0	333
30 Total Account 501	27,279	3,050	30,329
<b><u>547 OTHER FUEL EXPENSE</u></b>			
31 Coyote Springs Gas	41,343	-7,410	33,933
32 Coyote Springs 2 Gas Transportation	6,503	633	7,136
33 Lancaster Gas	34,176	-1,297	32,879
34 Lancaster Gas Transportation	5,622	173	5,795
35 Gas Transport Optimization	0	-8,936	-8,936
36 Gas Transportation for BP, NE and KFCT	40	0	40
37 Imbalance and Tax Adjustment	-61	61	0
38 Rathdrum Gas	583	441	1,024
39 Northeast CT Gas	102	-72	30
40 Boulder Park Gas	578	19	597
41 Kettle Falls CT Gas	207	-29	178
42 Total Account 547	89,093	-16,417	72,676
<b><u>565 TRANSMISSION OF ELECTRICITY BY OTHERS</u></b>			
43 WNP-3	943	-31	912
44 Short-term Transmission Purchases	31	30	61
45 BPA PTP for Colstrip, Coyote & Lancaster	13,834	-2,001	11,833

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Line No.		Jan 14 - Dec 14 <b>Actuals</b>	Adjustment	Jan 16 - Dec 16 <b>Pro Forma</b>
46	BPA Townsend-Garrison Wheeling	1,499	9	1,508
47	Avista on BPA - Borderline	1,325	0	1,325
48	Kootenai for Worley	45	0	45
49	Sagle-Northern Lights	140	0	140
50	Northwestern for Colstrip	436	0	436
51	PGE Firm Wheeling	643	0	643
52	Total Account 565	18,896	-1,993	16,903
 <u>536 WATER FOR POWER</u>				
53	Headwater Benefits Payments	983	18	1,001
54	<b>TOTAL EXPENSE</b>	421,005	-188,323	232,682
 <u>447 SALES FOR RESALE</u>				
55	Modeled Short-Term Market Sales	0	36,191	36,191
56	Actual ST Market Sales	126,022	-126,022	0
57	Peaker (PGE) Capacity Sale	1,749	17,529	19,278
58	Nichols Pumping Sale	1,641	-251	1,390
59	Sovereign/Kaiser DES	98	58	156
60	Pend Oreille DES & Spinning	451	119	570
61	SMUD Sale/Energy America	20,000	-10,806	9,194
62	Intracompany Generation	927	-927	0
63	Total Account 447	150,888	-84,108	66,780
 <u>456 OTHER ELECTRIC REVENUE</u>				
64	Non WA EIA REC Sales	4,006	-1,217	2,789
65	WA EIA REC Sales	163	-163	0
66	Gas Not Consumed Sales Revenue	87,122	-87,122	0
67	Total Account 456	91,291	-88,502	2,789
 <u>453 SALES OF WATER AND WATER POWER</u>				
68	Upstream Storage Revenue	475	-9	466
69	<b>TOTAL REVENUE</b>	242,654	-172,620	70,034
70	<b>TOTAL NET EXPENSE</b>	178,351	-15,703	162,648
			-8.80%	

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<b><u>555 PURCHASED POWER</u></b>			
1 Modeled ST Market Purchases	\$0	\$8,979	\$8,979
2 Actual ST Market Purchases	98,836	-98,836	0
3 Rocky Reach/Rock Island Purchase	12,320	1,553	13,873
4 Wells - Avista Share	1,678	168	1,846
5 Wells - Colville Tribe's Share	4,887	-4,887	0
6 Priest Rapids Project	6,818	1,543	8,361
7 Douglas Settlement	1,081	-92	989
8 Lancaster Capacity Payment	22,333	989	23,322
9 Lancaster Variable O&M Payments	2,398	924	3,322
10 WNP-3	14,986	3,054	18,040
11 Deer Lake-IP&L	4	3	7
12 Small Power	1,425	47	1,472
13 Stimson	1,654	255	1,909
14 Spokane-Upriver	2,158	703	2,861
15 Spokane Waste-to-Energy	6,389	138	6,527
16 Non-Monetary	145	-145	0
17 Ancillary Services	927	-927	0
18 Palouse Wind	18,786	1,936	20,722
19 Stateline Wind Purchase	866	-866	0
20 Total Account 555	197,691	-85,461	112,230
<b><u>557 OTHER EXPENSES</u></b>			
21 Broker Commission Fees	614	0	614
22 WA EIA REC Purchase - 100% WA Allocation	735	-735	0
23 Optional Renewable Power Expense Offset	-33	33	0
24 Natural Gas Fuel Purchases	85,747	-85,747	0
25 Total Account 557	87,063	-86,449	614
<b><u>501 THERMAL FUEL EXPENSE</u></b>			
26 Kettle Falls - Wood Fuel	6,035	74	6,109
27 Kettle Falls - Start-up Gas	15	0	15
28 Colstrip - Coal	20,896	1,743	22,639
29 Colstrip - Oil	333	0	333
30 Total Account 501	27,279	1,817	29,096
<b><u>547 OTHER FUEL EXPENSE</u></b>			
31 Coyote Springs Gas	41,343	-3,152	38,191
32 Coyote Springs 2 Gas Transportation	6,503	633	7,136
33 Lancaster Gas	34,176	2,712	36,888
34 Lancaster Gas Transportation	5,622	173	5,795
35 Gas Transport Optimization	0	-9,877	-9,877
36 Gas Transportation for BP, NE and KFCT	40	0	40
37 Imbalance and Tax Adjustment	-61	61	0
38 Rathdrum Gas	583	736	1,319
39 Northeast CT Gas	102	-51	51
40 Boulder Park Gas	578	203	781
41 Kettle Falls CT Gas	207	29	236
42 Total Account 547	89,093	-8,533	80,560
<b><u>565 TRANSMISSION OF ELECTRICITY BY OTHERS</u></b>			
43 WNP-3	943	-31	912
44 Short-term Transmission Purchases	31	30	61
45 BPA PTP for Colstrip, Coyote & Lancaster	13,834	-2,001	11,833

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47	Avista on BPA - Borderline	1,325	0	1,325
48	Kootenai for Worley	45	0	45
49	Sagle-Northern Lights	140	0	140
50	Northwestern for Colstrip	436	0	436
51	PGE Firm Wheeling	643	0	643
52	Total Account 565	18,896	-1,993	16,903
 <u>536 WATER FOR POWER</u>				
53	Headwater Benefits Payments	983	18	1,001
54	<b>TOTAL EXPENSE</b>	421,005	-180,601	240,404
 <u>447 SALES FOR RESALE</u>				
55	Modeled Short-Term Market Sales	0	38,936	38,936
56	Actual ST Market Sales	126,022	-126,022	0
57	Peaker (PGE) Capacity Sale	1,749	-1,749	0
58	Nichols Pumping Sale	1,641	-91	1,550
59	Sovereign/Kaiser DES	98	58	156
60	Pend Oreille DES & Spinning	451	119	570
61	SMUD Sale/Energy America	20,000	-9,987	10,013
62	Intracompany Generation	927	-927	0
63	Total Account 447	150,888	-99,663	51,225
 <u>456 OTHER ELECTRIC REVENUE</u>				
64	Non-WA EIA REC Sales	4,006	-1,217	2,789
65	WA EIA REC Sales	163	-163	0
66	Gas Not Consumed Sales Revenue	87,122	-87,122	0
67	Total Account 456	91,291	-88,502	2,789
 <u>453 SALES OF WATER AND WATER POWER</u>				
68	Upstream Storage Revenue	475	-9	466
69	<b>TOTAL REVENUE</b>	242,654	-188,174	54,480
70	<b>TOTAL NET EXPENSE</b>	178,351	7,573	185,924
				4.25%

**Avista Corp.**  
**Brief Description of Power Supply Adjustments**

**Line No.**

- 1     **Modeled Short-term Market Purchases** - Short-term purchases from the AURORA Dispatch Simulation Model.
- 2     **Actual ST Market Purchases** – Expense of the actual term physical and financial power transactions in test-year. Actual transactions not included in the pro forma.
- 3     **Rocky Reach/Rock Island Purchase** – The pro forma expense is based on a purchase of a portion of Rocky Reach and Rock Island generation. The current contract ends 12-31-2020.
- 4     **Wells – Avista Share** - Wells’ costs are based on the Company's 3.34% share of total project costs.
- 5     **Wells – Colville Tribe’s Share** - The test-year expense is based on a purchase of the Colville Indian Tribe’s portion of the Wells’ dam generation. The current contract ended 3-31-15.
- 6     **Priest Rapids Project** - Priest Rapids Project expense includes the expense related to the purchased power from the Priest Rapids development and power from the Wanapum development.
- 7     **Douglas Settlement** – Douglas Settlement is for power Avista purchases from Douglas PUD per the 1989 Settlement Agreement.
- 8     **Lancaster Capacity Payment** – The Lancaster capacity payment includes a capital payment and a fixed O&M payment.
- 9     **Lancaster Variable O&M Payments** – the Lancaster variable O&M payment is based on the variable O&M rate in the Lancaster Power Purchase Agreement multiplied time the MWh of Lancaster generation in the pro forma.
- 10    **WNP-3** - The pro forma uses the actual midpoint of the ceiling and floor prices identified in the contract for contract year 2014-2015 escalated at inflation to the pro forma period.
- 11    **Deer Lake-IP&L** - Pro forma expense is for power purchased from Inland Power to serve Avista customers.

- 12 **Small Power** – Pro forma costs are based on 5-year average generation and an average contract rate.
- 13 **Stimson** – This purchase is from the cogeneration plant at Plummer, Idaho. Pro forma costs are based on 5-year average generation and pro forma period contract rates.
- 14 **Spokane-Upriver** – Pro forma expense is based on a purchase of the generation, net of pumping (at the plant) at the pro forma contract rate.
- 15 **Spokane Waste-to-Energy** - Pro forma expense is based on average generation and the pro forma period contract rate.
- 16 **Non-Monetary** - Expense is normalized to \$0 in the pro forma.
- 17 **Ancillary Services** – Pro forma expense is \$0 because this is an intra-utility expense (matching revenue in Account 447).
- 18 **Palouse Wind** – Pro forma expense is based on the expected generation and the contract rate in the pro forma year, including the apprenticeship credit.
- 19 **Stateline Wind Purchase** – Pro forma expense is \$0 because the contract ended 3-31-14.
- 20 **Total Account 555**
- 21 **Broker Commission Fees** – Pro forma expense is associated with purchases and sales of electricity and natural gas fuel.
- 22 **WA EIA REC Purchases** – Pro forma expense is \$0 because the contract for REC purchases ended 12-31-15 and is 100% allocated to Washington.
- 23 **Optional Renewable Power Expense Offset** – This test year credit was to remove the REC cost of the Stateline Wind purchase that was assigned to the Buck-a-Block program. The pro forma credit is \$0 because the Stateline Wind purchase ended 3-31-14.
- 24 **Natural Gas Fuel Purchases** – This is the expense for natural gas purchased for but not consumed for generation. Pro forma expense is \$0 because all gas purchased is assumed to be used for generation, and included in Account 547.
- 25 **Total Account 557**
- 26 **Kettle Falls Wood Fuel Cost** – Pro forma fuel expense is based on the generation of the Kettle Falls plant in the AURORA Model and the unit cost of available fuel.

- 27 **Kettle Falls-Start-up Gas** – Pro forma expense is for start-up gas at Kettle Falls and is based on the test-year expense.
- 28 **Colstrip Coal Cost** – Pro forma fuel expense is based on the generation of the Colstrip plant in the AURORA Model and the unit cost of fuel under the contract.
- 29 **Colstrip Oil** – Pro forma expense is for start-up oil expense. Pro forma is based on the test-year expense.
- 30 **Total Account 501**
- 31 **Coyote Springs Gas** – Pro forma expense is an output of the AURORA Model based on the pro forma unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 32 **CS2 Gas Transportation** – This expense is for natural gas transportation for the Coyote Springs 2 plant.
- 33 **Lancaster Gas** - Pro forma expense is an output of the AURORA Model based on the pro forma unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 34 **Lancaster Gas Transportation** – This expense is for natural gas transportation for the Lancaster plant.
- 35 **Gas Transportation Optimization** - This credit to expense is based on optimizing the gas transportation contracts for Coyote Springs 2 and Lancaster. In general, this involves trading the gas price spread between AECO (Canada) and Malin.
- 36 **Gas Transportation for BP, NE and KFCT** – This expense is for transportation of natural gas to serve Boulder Park, Northeast and Kettle Falls Combustion Turbine gas-fired plants.
- 37 **Imbalance and Tax Adjustment** – This is a test-year only expense to adjust gas-fuel expense.
- 38 **Rathdrum Gas** – Pro forma expense is an output of the AURORA Model based on the pro forma unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 39 **Northeast CT Gas** – Pro forma expense is an output of the AURORA Model based on the pro forma unit cost of fuel and the dispatch of the plant which determines the volume of fuel consumed.



- 40 **Boulder Park Gas** – Pro forma expense is an output of the AURORA Model based on the pro forma unit cost of fuel and the dispatch of the plant which determines the volume of fuel consumed.
- 41 **Kettle Falls CT Gas** – Pro forma expense is an output of the AURORA Model based on the pro forma unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 42 **Total Account 547**
- 43 **WNP-3 Transmission** – Pro forma WNP-3 wheeling is based on 32.22 MW at a rate of \$2.36/kW/mo.
- 44 **Wheeling for System Sales and Purchases** – Pro forma expense is for short-term transmission purchases.
- 45 **PTP for Colstrip and Coyotes Springs 2 and Lancaster**– This wheeling is for the transmission of 196 MW from Colstrip, 272 MW from Coyote Springs 2 and 100 MW from Lancaster. Pro forma expense is based on 568 MW of capacity at a rate of \$1.736/kW/mo.
- 46 **BPA Townsend-Garrison Wheeling** – This expense is for the transmission of Colstrip power from the Townsend substation to the Garrison substation.
- 47 **Avista on BPA Borderline** – This expense is to serve Avista load off of BPA transmission. Expense is based on Avista's borderline loads priced at BPA's NT transmission rates plus ancillary services cost and use of facilities charges.
- 48 **Kootenai for Worley** – This expense is for Avista load served using Kootenai's facilities.
- 49 **Sagle-Northern Lights** – Expense is for transmission purchased from Northern Lights Utility to serve Avista customers.
- 50 **Northwestern for Colstrip** – Northwestern for Colstrip wheeling is an expense for the transmission of Colstrip energy above 196 MW from the Garrison substation over Northwestern Energy's transmission system to the interconnection of Northwestern Energy and Avista.
- 51 **PGE Firm Wheeling** – PGE Firm wheeling reflects the cost of transmission from the John Day substation to COB (Intertie South) purchased from Portland General Electric.
- 52 **Total Account 565**

- 53 **Headwater Benefits Expense** - Pro forma expense is based on the expense for contract year September 2014 through August 2015.
- 54 **Total Expenses** – Sum of Accounts 555, 557, 501, 547, 565, 536, and 549.
- 55 **Modeled Short-Term Market Sales** - Short-term market sales from the AURORA Model simulation.
- 56 **Actual ST Market Sales - Physical** – Revenue from the actual short-term sales in the test-year. Actual sales are not included in the pro forma.
- 57 **Peaker (PGE) Capacity Sale** – This pro forma revenue is based on 150 MW of capacity at the full contract rate.
- 58 **Nichols Pumping Sale** – This is a sale of energy to other Colstrip Units 3 and 4 owners at the Mid-Columbia index price less \$2.16/MWh. Pro forma revenue is based on approximately 7 aMW at the market price (less \$2.16/MWh) as determined by the AURORA model.
- 59 **Sovereign/Kaiser DES** – This contract provides load control services to Kaiser’s Trentwood plant. A new contract began 10-1-2015.
- 60 **Pend Oreille DES & Spinning Reserves** – This contract provides load regulation and reserves for Pend Oreille PUD. A new contract began 10-1-2015.
- 61 **SMUD Sale (Energy America)** – The SMUD contract ended 12-31-2014. Pro forma revenue includes 35 aMW of an energy sale at the Mid C index plus \$3/MWh, plus 15 aMW of the Mid C to COB margin of \$3/MWh.
- 62 **Intercompany Generation** – Pro forma revenue is \$0 because it is intra-utility revenue (matching expense in Account 555).
- 63 **Total Account 447**
- 64 **Non WA EIA REC Sales** – REC revenue in the pro forma year.
- 65 **WA EIA REC Sales** – Pro forma revenue is \$0 because WA EIA compliant RECs are not being sold in the pro forma period and would be 100% allocated to Washington.
- 66 **Gas Not Consumed Sales Revenue** - This is the revenue for natural gas purchased, but not consumed for generation. Pro forma revenue is \$0 because all gas purchased is assumed to be used for generation, and included in Account 547.

67    **Total Account 456**

68    **Upstream Storage Revenue** – Pro forma revenue is based on the revenue for contract year September 2014 through August 2015.

69    **Total Revenue** – Sum of Accounts 447, 456, 453 and 454.

70    **Total Net Expense** – Total expense minus total revenue.

**Avista Corp.**

**Market Purchases and Sales, Plant Generation and Fuel Cost Summary  
Idaho Pro Forma January 2016 - December 2016**

	Total	744 Jan-16	696 Feb-16	743 Mar-16	720 Apr-16	744 May-16	720 Jun-16	744 Jul-16	744 Aug-16	720 Sep-16	744 Oct-16	721 Nov-16	744 Dec-16
Market Sales - Dollars	<b>-\$36,191,247</b>	-\$3,268,102	-\$2,300,929	-\$2,629,925	-\$4,186,063	-\$4,187,893	-\$2,687,482	-\$3,513,152	-\$1,453,008	-\$2,351,977	-\$2,176,556	-\$3,496,646	-\$3,939,513
Market Sales - MWh	(1,585,379)	-115,528	-85,088	-105,855	-206,207	-250,552	-197,846	-148,967	-52,656	-86,638	-83,387	-124,839	-127,817
Average Market Sales Price -\$/ MWh	\$22.83	\$28.29	\$27.04	\$24.84	\$20.30	\$16.71	\$13.58	\$23.58	\$27.59	\$27.15	\$26.10	\$28.01	\$30.82
Market Purchases - Dollars	<b>\$10,974,600</b>	\$684,498	\$1,029,987	\$798,135	\$181,939	\$66,814	\$364,880	\$1,091,496	\$2,328,879	\$1,090,925	\$1,314,496	\$1,037,210	\$985,340
Market Purchases - MWh	376,752	26,351	40,261	33,886	9,153	3,801	15,315	31,710	74,828	36,132	42,027	32,732	30,554
Average Market Purchase Price - \$/MWh	\$29.13	\$25.98	\$25.58	\$23.55	\$19.88	\$17.58	\$34.42	\$34.42	\$31.12	\$30.19	\$31.28	\$31.69	\$32.25
Net Market Purchases (Sales) MWh	-1,208,627	-89,176	-44,826	-71,969	-197,054	-246,750	-182,530	-117,257	22,173	-50,506	-41,360	-92,107	-97,263
Net Market Purchases (Sales) aMW	-138.0	-120	-64	-97	-274	-332	-254	-158	30	-70	-56	-128	-131
Average Sale and Purchase Price - \$/MWh	<b>\$24.04</b>	\$27.86	\$26.57	\$24.53	\$20.28	\$16.73	\$14.32	\$25.49	\$29.67	\$28.04	\$27.84	\$28.77	\$31.10
Colstrip MWh	1,567,995	143,992	134,547	139,988	114,327	97,295	89,264	133,416	141,985	140,608	145,761	141,248	145,563
Colstrip Fuel Cost \$/MWh	\$15.57	\$15.06	\$15.39	\$15.21	\$16.33	\$17.46	\$18.16	\$15.51	\$15.14	\$15.16	\$14.99	\$15.13	\$15.00
Colstrip Fuel Cost	<b>\$24,410,569</b>	\$2,167,951	\$2,070,527	\$2,129,526	\$1,866,457	\$1,698,803	\$1,621,334	\$2,068,793	\$2,150,227	\$2,131,845	\$2,184,357	\$2,137,718	\$2,183,031
Kettle Falls MWh	259,491	27,192	24,001	21,322	16,477	13,628	2,460	19,587	24,988	25,014	27,619	27,551	29,652
Kettle Falls Fuel Cost \$/MWh	\$21.47	\$21.27	\$21.39	\$21.61	\$22.47	\$22.42		\$21.57	\$21.45	\$21.37	\$21.24	\$21.14	\$21.10
Kettle Falls Fuel Cost	<b>\$5,570,606</b>	\$578,378	\$513,410	\$460,833	\$370,279	\$305,464	\$54,431	\$422,440	\$535,944	\$534,681	\$586,600	\$582,398	\$625,749
Coyote Springs MWh	1,598,018	172,949	151,376	145,472	103,785	61,752	43,842	110,146	146,668	154,359	158,949	169,251	179,468
Coyote Springs Fuel Cost \$/MWh	\$21.23	\$21.92	\$21.82	\$21.51	\$19.45	\$19.52	\$19.80	\$20.57	\$20.69	\$20.56	\$20.59	\$21.81	\$23.30
Coyote Springs Fuel Cost	<b>\$33,932,586</b>	\$3,790,617	\$3,302,559	\$3,129,559	\$2,018,361	\$1,205,498	\$868,235	\$2,266,149	\$3,034,247	\$3,173,140	\$3,272,174	\$3,690,732	\$4,181,315
Lancaster MWh	1,534,293	166,416	145,710	141,001	101,571	60,058	44,625	101,896	135,459	145,977	159,960	160,983	170,637
Lancaster Fuel Cost \$/MWh	\$21.43	\$22.13	\$22.09	\$21.76	\$19.73	\$19.72	\$20.03	\$20.78	\$20.89	\$20.73	\$20.72	\$21.94	\$23.47
Lancaster Fuel Cost	<b>\$32,879,217</b>	\$3,683,264	\$3,218,085	\$3,068,820	\$2,004,365	\$1,184,315	\$894,068	\$2,117,229	\$2,830,358	\$3,026,513	\$3,314,865	\$3,532,651	\$4,004,683
Boulder Park MWh	21,363	2,430	1,803	711	397	395	790	2,706	3,538	2,698	1,988	1,969	1,937
Boulder Park Fuel Cost \$/MWh	\$27.96	\$29.15	\$28.98	\$28.70	\$25.76	\$25.74	\$25.93	\$26.96	\$27.14	\$26.94	\$27.32	\$28.84	\$31.10
Boulder Park Fuel Cost	<b>\$597,397</b>	\$70,832	\$52,253	\$20,392	\$10,236	\$10,164	\$20,480	\$72,962	\$96,014	\$72,696	\$54,321	\$56,798	\$60,250
Kettle Falls CT MWh	6,641	527	426	77	8	112	366	999	1,639	1,032	535	416	503
Kettle Falls CT Fuel Cost \$/MWh	\$26.83	\$28.20	\$27.91	\$28.14	\$24.92	\$24.98	\$25.11	\$26.09	\$26.30	\$26.09	\$26.47	\$27.93	\$30.12
Kettle Falls CT Fuel Cost	<b>\$178,156</b>	\$14,873	\$11,878	\$2,180	\$206	\$2,796	\$9,203	\$26,081	\$43,111	\$26,926	\$14,153	\$11,608	\$15,143
Rathdrum MWh	28,024	4,021	2,828	109	0	259	1,994	3,718	7,416	3,392	1,428	1,229	1,630
Rathdrum Fuel Cost \$/MWh	\$36.54	\$36.80	\$36.59	\$38.75		\$34.12	\$33.72	\$35.74	\$35.95	\$36.21	\$37.75	\$39.88	\$41.19
Rathdrum Fuel Cost	<b>\$1,024,134</b>	\$147,987	\$103,497	\$4,234	\$0	\$8,834	\$67,225	\$132,875	\$266,632	\$122,812	\$53,904	\$49,001	\$67,133
Northeast MWh	747	179	81	0	0	5	156	66	91	62	62	14	31
Northeast Fuel Cost \$/MWh	\$39.74	\$41.56	\$41.17			\$37.47	\$37.28	\$38.72	\$38.88	\$38.66	\$39.08	\$41.37	\$45.68
Northeast Fuel Cost	<b>\$29,678</b>	\$7,424	\$3,342	\$0	\$0	\$198	\$5,810	\$2,569	\$3,555	\$2,378	\$2,407	\$594	\$1,403
Total Fuel Expense	<b>\$98,622,342</b>	\$10,461,326	\$9,275,550	\$8,815,544	\$6,269,903	\$4,416,071	\$3,540,786	\$7,109,098	\$8,960,087	\$9,090,990	\$9,482,780	\$10,061,500	\$11,138,708
Net Fuel and Purchase Expense	<b>\$73,405,694</b>												

**Avista Corp.**

**Market Purchases and Sales, Plant Generation and Fuel Cost Summary  
Idaho Pro Forma January 2017 - December 2017**

	Total	744 Jan-17	672 Feb-17	743 Mar-17	720 Apr-17	744 May-17	720 Jun-17	744 Jul-17	744 Aug-17	720 Sep-17	744 Oct-17	721 Nov-17	744 Dec-17
Market Sales - Dollars	<b>-\$38,935,954</b>	-\$3,379,723	-\$2,582,210	-\$3,088,498	-\$4,295,436	-\$5,730,247	-\$3,565,064	-\$3,290,679	-\$1,045,609	-\$2,274,533	-\$1,944,964	-\$3,873,854	-\$3,865,137
Market Sales - MWh	(1,416,284)	-99,876	-82,111	-106,670	-178,249	-267,765	-188,260	-113,143	-30,312	-67,455	-59,662	-116,646	-106,136
Average Market Sales Price -\$/ MWh	\$27.49	\$33.84	\$31.45	\$28.95	\$24.10	\$21.40	\$18.94	\$29.08	\$34.50	\$33.72	\$32.60	\$33.21	\$36.42
Market Purchases - Dollars	<b>\$8,979,094</b>	\$499,604	\$719,402	\$591,310	\$112,657	\$7,087	\$38,934	\$1,027,920	\$2,452,710	\$1,024,042	\$1,025,859	\$569,587	\$909,982
Market Purchases - MWh	308,002	21,204	28,824	25,379	5,939	358	1,706	32,893	83,075	34,009	31,145	16,527	26,943
Average Market Purchase Price - \$/MWh	\$29.15	\$23.56	\$24.96	\$23.30	\$18.97	\$19.78	\$31.25	\$29.52	\$30.11	\$32.94	\$32.94	\$34.46	\$33.77
Net Market Purchases (Sales) MWh	-1,108,282	-78,672	-53,288	-81,291	-172,309	-267,407	-186,554	-80,250	52,763	-33,445	-28,516	-100,119	-79,193
Net Market Purchases (Sales) aMW	-126.5	-106	-79	-109	-239	-359	-259	-108	71	-46	-38	-139	-106
Average Sale and Purchase Price - \$/MWh	<b>\$27.79</b>	\$32.04	\$29.76	\$27.87	\$23.93	\$21.40	\$18.97	\$29.57	\$30.85	\$32.51	\$32.72	\$33.37	\$35.88
Colstrip MWh	1,571,225	144,334	129,966	141,000	114,252	100,058	91,862	133,715	142,154	140,969	145,858	141,385	145,672
Colstrip Fuel Cost \$/MWh	\$14.41	\$13.97	\$14.42	\$14.08	\$15.07	\$15.84	\$16.43	\$14.36	\$14.06	\$14.06	\$13.92	\$14.04	\$13.93
Colstrip Fuel Cost	<b>\$22,639,048</b>	\$2,016,998	\$1,873,613	\$1,985,575	\$1,722,091	\$1,585,408	\$1,509,185	\$1,920,661	\$1,998,094	\$1,982,059	\$2,030,398	\$1,985,743	\$2,029,224
Kettle Falls MWh	274,435	28,313	24,390	23,233	17,438	14,888	2,625	21,222	26,996	26,306	29,723	29,020	30,282
Kettle Falls Fuel Cost \$/MWh	\$22.26	\$22.10	\$22.20	\$22.34	\$23.25	\$23.10		\$22.31	\$22.20	\$22.19	\$22.01	\$21.95	\$21.97
Kettle Falls Fuel Cost	<b>\$6,108,534</b>	\$625,773	\$541,461	\$519,026	\$405,520	\$343,910	\$60,087	\$473,442	\$599,326	\$583,618	\$654,098	\$636,951	\$665,321
Coyote Springs MWh	1,644,176	176,557	150,297	156,064	104,315	68,986	45,684	118,198	149,668	156,752	162,723	174,441	180,490
Coyote Springs Fuel Cost \$/MWh	\$23.23	\$23.73	\$23.70	\$23.33	\$21.43	\$21.58	\$21.88	\$22.59	\$22.74	\$22.64	\$22.59	\$24.02	\$25.39
Coyote Springs Fuel Cost	<b>\$38,190,504</b>	\$4,189,095	\$3,562,155	\$3,641,591	\$2,235,825	\$1,488,937	\$999,757	\$2,670,687	\$3,404,006	\$3,548,988	\$3,676,573	\$4,189,966	\$4,582,925
Lancaster MWh	1,573,037	167,153	143,808	149,712	102,760	67,166	47,205	108,188	138,742	148,751	162,964	163,788	172,801
Lancaster Fuel Cost \$/MWh	\$23.45	\$23.99	\$23.98	\$23.64	\$21.70	\$21.76	\$22.12	\$22.80	\$22.96	\$22.85	\$22.78	\$24.22	\$25.59
Lancaster Fuel Cost	<b>\$36,888,173</b>	\$4,010,476	\$3,449,221	\$3,539,166	\$2,229,986	\$1,461,597	\$1,044,042	\$2,466,366	\$3,186,043	\$3,399,111	\$3,711,870	\$3,967,600	\$4,422,694
Boulder Park MWh	25,523	2,764	1,812	1,209	587	659	982	3,262	3,900	3,070	2,630	2,416	2,232
Boulder Park Fuel Cost \$/MWh	\$30.60	\$31.62	\$31.45	\$31.02	\$28.33	\$28.41	\$28.63	\$29.58	\$29.84	\$29.74	\$29.95	\$31.85	\$33.89
Boulder Park Fuel Cost	<b>\$780,893</b>	\$87,411	\$57,002	\$37,500	\$16,636	\$18,714	\$28,113	\$96,468	\$116,381	\$91,280	\$78,782	\$76,964	\$75,643
Kettle Falls CT MWh	8,010	601	423	119	19	203	432	1,264	1,819	1,193	734	563	640
Kettle Falls CT Fuel Cost \$/MWh	\$29.46	\$30.61	\$30.47	\$30.15	\$27.40	\$27.57	\$27.76	\$28.65	\$28.94	\$28.84	\$29.03	\$30.85	\$32.85
Kettle Falls CT Fuel Cost	<b>\$235,946</b>	\$18,407	\$12,884	\$3,590	\$520	\$5,602	\$11,989	\$36,218	\$52,635	\$34,395	\$21,315	\$17,358	\$21,034
Rathdrum MWh	32,856	4,245	2,427	320	7	534	2,070	4,991	8,172	3,978	2,242	1,572	2,297
Rathdrum Fuel Cost \$/MWh	\$40.16	\$39.99	\$40.02	\$40.91	\$38.66	\$37.32	\$37.37	\$39.14	\$39.59	\$40.15	\$41.20	\$43.77	\$44.40
Rathdrum Fuel Cost	<b>\$1,319,378</b>	\$169,785	\$97,117	\$13,103	\$285	\$19,943	\$77,369	\$195,315	\$323,572	\$159,724	\$92,356	\$68,821	\$101,988
Northeast MWh	1,183	222	75	0	0	29	231	160	178	128	77	22	60
Northeast Fuel Cost \$/MWh	\$43.41	\$45.38	\$44.45			\$41.33	\$41.28	\$42.44	\$42.95	\$42.73	\$42.83	\$45.81	\$49.28
Northeast Fuel Cost	<b>\$51,362</b>	\$10,088	\$3,350	\$0	\$0	\$1,204	\$9,545	\$6,796	\$7,660	\$5,460	\$3,314	\$989	\$2,956
Total Fuel Expense	<b>\$106,213,839</b>	\$11,128,033	\$9,596,803	\$9,739,551	\$6,610,862	\$4,925,316	\$3,740,087	\$7,865,952	\$9,687,716	\$9,804,636	\$10,268,706	\$10,944,391	\$11,901,785
Net Fuel and Purchase Expense	<b>\$76,256,979</b>												

Avista Corp  
Pro forma January 2016 - December 2016  
PCA Authorized Expense and Retail Sales  
January 2014 - December 2014 Historic Normalized Loads

**PCA Authorized Power Supply Expense - System Numbers (1)**

	<u>Total</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Account 555 - Purchased Power	\$111,159,298	\$12,161,272	\$11,404,620	\$9,963,402	\$8,809,523	\$6,740,586	\$6,706,571	\$7,374,163	\$8,360,370	\$7,222,858	\$8,051,573	\$11,904,606	\$12,459,755
Account 501 - Thermal Fuel	\$30,329,175	\$2,775,328	\$2,612,937	\$2,619,359	\$2,265,736	\$2,033,267	\$1,704,765	\$2,520,233	\$2,715,171	\$2,695,525	\$2,799,957	\$2,749,116	\$2,837,780
Account 547 - Natural Gas Fuel	\$72,676,167	\$8,051,247	\$7,027,863	\$6,561,435	\$4,369,417	\$2,748,054	\$2,201,271	\$4,954,115	\$6,610,166	\$6,760,714	\$7,048,073	\$7,677,634	\$8,666,178
Account 447 - Sale for Resale	\$66,779,554	\$5,920,050	\$4,854,311	\$5,165,161	\$6,554,606	\$6,515,727	\$4,972,680	\$6,095,109	\$4,125,900	\$4,959,989	\$4,807,644	\$6,125,690	\$6,682,687
<b>Power Supply Expense</b>	<b>\$147,385,086</b>	<b>\$17,067,798</b>	<b>\$16,191,109</b>	<b>\$13,979,034</b>	<b>\$8,890,069</b>	<b>\$5,006,180</b>	<b>\$5,639,927</b>	<b>\$8,753,401</b>	<b>\$13,559,807</b>	<b>\$11,719,109</b>	<b>\$13,091,960</b>	<b>\$16,205,666</b>	<b>\$17,281,025</b>
<b>Transmission Expense</b>	<b>\$16,903,007</b>	<b>\$1,452,738</b>	<b>\$1,372,806</b>	<b>\$1,509,572</b>	<b>\$1,336,193</b>	<b>\$1,369,317</b>	<b>\$1,346,174</b>	<b>\$1,362,491</b>	<b>\$1,404,564</b>	<b>\$1,467,208</b>	<b>\$1,430,341</b>	<b>\$1,420,003</b>	<b>\$1,431,599</b>
<b>Transmission Revenue</b>	<b>\$16,741,674</b>	<b>\$1,405,733</b>	<b>\$1,166,326</b>	<b>\$1,222,888</b>	<b>\$1,264,428</b>	<b>\$1,579,616</b>	<b>\$1,659,588</b>	<b>\$1,679,720</b>	<b>\$1,535,727</b>	<b>\$1,376,848</b>	<b>\$1,338,310</b>	<b>\$1,287,627</b>	<b>\$1,224,863</b>

**PCA Authorized Idaho Retail Sales (2)**

	<u>Total</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b>Total Retail Sales, MWh</b>	3,072,989	299,392	263,761	268,236	243,401	234,981	228,959	249,355	246,161	197,872	249,356	287,858	303,659
<b>Load Change Adjustment Rate</b>	\$23.99 /MWh												

1) Multiply system numbers by 35.29% to determine Idaho share.

2) 12 months ended December 2014 weather normalized Idaho retail sales.

Avista Corp  
Pro forma January 2017 - December 2017  
PCA Authorized Expense and Retail Sales  
January 2014 - December 2014 Historic Normalized Loads

**PCA Authorized Power Supply Expense - System Numbers (1)**

	<u>Total</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
Account 555 - Purchased Power	\$112,230,820	\$12,130,228	\$11,186,711	\$10,062,611	\$9,094,471	\$7,127,475	\$6,663,323	\$7,534,677	\$8,764,543	\$7,318,010	\$7,852,556	\$11,761,192	\$12,735,023
Account 501 - Thermal Fuel	\$29,095,582	\$2,671,771	\$2,444,074	\$2,533,602	\$2,156,611	\$1,958,318	\$1,598,272	\$2,423,104	\$2,626,420	\$2,594,678	\$2,713,495	\$2,651,693	\$2,723,545
Account 547 - Natural Gas Fuel	\$80,560,256	\$8,743,096	\$7,439,562	\$7,492,783	\$4,741,085	\$3,253,831	\$2,428,649	\$5,729,682	\$7,348,130	\$7,496,792	\$7,842,044	\$8,579,531	\$9,465,073
Account 447 - Sale for Resale	\$51,224,686	\$4,511,738	\$3,566,125	\$4,103,494	\$5,117,279	\$6,537,573	\$4,323,973	\$4,335,371	\$2,185,994	\$3,360,608	\$3,068,293	\$4,998,689	\$5,115,549
<b>Power Supply Expense</b>	<b>\$170,661,973</b>	<b>\$19,033,356</b>	<b>\$17,504,222</b>	<b>\$15,985,502</b>	<b>\$10,874,887</b>	<b>\$5,802,051</b>	<b>\$6,366,271</b>	<b>\$11,352,092</b>	<b>\$16,553,099</b>	<b>\$14,048,872</b>	<b>\$15,339,803</b>	<b>\$17,993,727</b>	<b>\$19,808,092</b>
<b>Transmission Expense</b>	<b>\$16,902,539</b>	<b>\$1,452,699</b>	<b>\$1,372,767</b>	<b>\$1,509,533</b>	<b>\$1,336,154</b>	<b>\$1,369,278</b>	<b>\$1,346,135</b>	<b>\$1,362,452</b>	<b>\$1,404,525</b>	<b>\$1,467,169</b>	<b>\$1,430,302</b>	<b>\$1,419,964</b>	<b>\$1,431,560</b>
<b>Transmission Revenue</b>	<b>\$18,936,869</b>	<b>\$1,405,733</b>	<b>\$1,366,326</b>	<b>\$1,422,888</b>	<b>\$1,464,428</b>	<b>\$1,779,616</b>	<b>\$1,859,427</b>	<b>\$1,879,559</b>	<b>\$1,735,566</b>	<b>\$1,575,687</b>	<b>\$1,537,149</b>	<b>\$1,486,627</b>	<b>\$1,423,863</b>

**PCA Authorized Idaho Retail Sales (2)**

	<u>Total</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<b>Total Retail Sales, MWh</b>	3,072,989	299,392	263,761	268,236	243,401	234,981	228,959	249,355	246,161	197,872	249,356	287,858	303,659
<b>Load Change Adjustment Rate</b>	\$25.99 /MWh												

1) Multiply system numbers by 35.29% to determine Idaho share.

2) 12 months ended December 2014 weather normalized Idaho retail sales.