

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION
COMMISSION

DOCKET NO. UE-_____

DIRECT TESTIMONY OF WILLIAM G. JOHNSON
REPRESENTING AVISTA CORPORATION

Exhibit T- _____ (WGJ-T)

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I. Introduction

Q. Please state your name, business address, and present position with Avista Corporation.

A. My name is William G. Johnson. My business address is East 1411 Mission Avenue, Spokane, Washington, and the Company employs me as a Senior Power Supply Analyst in the Energy Resources Department.

Q. What is your educational background?

A. I graduated from the University of Montana in 1981 with a Bachelor of Arts Degree in Political Science/Economics. I obtained a Master of Arts Degree in Economics from the University of Montana in 1985.

Q. How long have you been employed by the company and what are your duties as a Power Contracts Analyst?

A. I started working for Avista in April 1990 as a Demand Side Resource Analyst. I joined the Energy Resources Department as a Power Contracts Analyst in June 1996. My primary responsibilities involve long-term resource planning issues.

Q. What is the scope of your testimony in this proceeding?

A. My testimony will 1) describe the adjustments to the 2000 test period power supply revenues and expenses, and 2) describe the methodology of a power cost adjustment mechanism the Company is proposing. Specifically, my testimony will cover the following areas:

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Q. Are you sponsoring any exhibits to be introduced in this proceeding?

1 **III. Proforma Power Supply Costs**

2 **Overview**

3 Q. Please identify the specific power supply cost items that are covered by
4 your testimony and the total adjustment being proposed.

5 A. Exhibit ____ (WGJ-1) identifies the power supply expense and revenue
6 items that fall within the scope of my testimony. These revenue and expense items are
7 related to power purchases and sales, wheeling expenses, thermal fuel expenses and other
8 miscellaneous power supply revenues and expenses.

9 Q. What is the basis for the adjustments to the 2000 actual power supply
10 revenues and expenses?

11 A. Adjustments are made to set the revenues and expenses based on normal
12 weather, and normal streamflows and expected wholesale market conditions. The
13 Prosym Model accomplishes this task. The Prosym Model dispatches Company resources
14 on an hourly basis and calculates the optimum level of generation from the Company's
15 thermal resources along with the short-term purchases and sales required to serve system
16 requirements. Mr. Kalich explains the operation and the results from the Prosym Model.

17 Adjustments are also made to reflect known and measurable contract changes
18 between the 2000 test period and the proforma period. The Company has included
19 proforma power supply adjustments to reflect power costs for the twelve-month period
20 beginning November 1, 2002 and ending October 31, 2003.

21 Q. What changes has the Company made in the calculation of normal power
22 supply costs from the prior general rate case?

23 A. The primary change has been the development of a new hourly system
24 simulation model. This model calculates the optimum dispatch of Company resources in
25 each hour of the year for every water year included in the period of record. The average
26 generation and costs for each month over all the water years in the study is then used to

1 determine the normal level of power supply costs. This model directly incorporates the
2 flexibility of the Company's resources to meet system obligations. This flexibility
3 includes the ability of the Company's hydro resources to increase or decrease generation
4 on an hourly basis in response to changes in system obligations. It also models the
5 Company's ability to change generation levels at its thermal resources to meet load
6 obligations or maximize their value in the energy marketplace. This is a significant
7 change and improvement over the Company's Monthly Dispatch Model used in prior rate
8 cases, which only calculated obligations and resources on an average monthly energy
9 basis, and could not explicitly model the hourly flexibility of the Company's resources.

10 Power supply adjustments for known and measurable changes have been prepared
11 using the same methods that have been used in prior general rate cases. Detailed work
12 papers have been provided to the Commission that support each of the proforma
13 adjustments. A brief description of each adjustment is also included in Exhibit
14 _____(WGJ-1).

15
16 **Short-Term Purchases and Sales**

17 Q. How are the short-term purchases (Account 555) and sales (Account 447)
18 determined in the proforma?

19 A. Short-term purchases and sales are an output of the Prosym Model. They
20 are the average of purchases and sales made to balance the system obligations and
21 resources. Mr. Kalich explains how the Prosym Model determines the short-term
22 transactions. Exhibit _____(WGJ-2) shows the proforma monthly short-term purchases
23 and sales.

24 Q. Do short-term transactions include any commercial trading activity, i.e.,
25 transactions made outside of the optimal dispatch of system resources?

1 A. No they do not. The short-term transactions included in the proforma
2 represent the optimal dispatch of Company resources given the level of obligations and
3 resources and fuel and electricity prices included in the proforma. Resources are
4 economically dispatched against market prices and market sales are included in short-
5 term sales revenue.

6 **Potlatch Direct Assignment Credit**

7 Q. What is the Potlatch direct assignment credit?

8 A. Under the current contract, Potlatch revenue is allocated to both states in
9 the same manner as system power supply expense is allocated to both states. It is
10 anticipated that a new contract with Potlatch will not have allocated revenue, and that
11 revenue will be directly assigned to the Idaho jurisdiction. The intent of the Potlatch
12 direct assignment credit in the proforma is to reduce the financial impact on Washington
13 customers from a change in Avista's contract with Potlatch.

14 The proforma assumes that the Company no longer purchases power from
15 Potlatch's co-generation facility. The Potlatch Co-Gen line item in Account 555 is
16 therefore \$0. Instead, Potlatch is assumed to generate 50 aMW to offset their load
17 requirement. Potlatch's remaining load is part of Avista's system load requirement. Mr.
18 Hirschhorn explains the proposed treatment of a new contract with Potlatch.

19 Q. How is the Potlatch direct assignment credit determined?

20 A. The credit is calculated by multiplying 25 MW of energy each month by
21 the weighted average price of short-term purchases and sales. Potlatch's load is roughly
22 93 average MW. The proforma assumes that Potlatch generates 50 aMW into their own
23 load, which reduces system load obligation by 50 aMW. The 2000 test year load has
24 been reduced by 50 average MW in the proforma calculations. That leaves roughly 43
25 aMW of Potlatch load to be served by system resources. Crediting the proforma with a
26 25 aMW reduction in expense effectively reduces the system requirement to serve

1 Potlatch load to 18 average MW (93 aMW load – 50 aMW self generation – 25aMW
2 Direct Assignment Credit) for the Washington jurisdiction. As explained by witness
3 Hirschhorn, this level of obligation results in approximately no net impact to Washington
4 customers as compared to the existing Potlatch contract.

5 Q. Do the results of the proforma change if Potlatch does not generate to
6 serve their own load?

7 A. No. The results of the proforma would not change if Potlatch does not
8 generate to serve their own load.

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11 **Mid Columbia Purchase Cost**

12 Q. How are expenses for the Mid Columbia purchase contracts determined in
13 the proforma?

14 A. Wanapum and Priest Rapid's expenses are based on Grant County PUD's
15 power cost forecast for 2002 and 2003 dated October 3, 2001. The proforma cost for
16 Rocky Reach is based on Chelan County PUD's projections of 2002 debt service costs
17 and O&M expenses. Wells' costs are based on a Douglas PUD's Power Purchaser's Pro-
18 Forma Statement for the period September 1, 2001 to August 31, 2002. These forecasts
19 are currently the best estimates of costs during the proforma period and these forecasts
20 have been consistently used in prior cases for these expenses.

21 **Long-Term Contract Changes**

22 Q. What are the primary adjustments to long-term contracts in the proforma?

23 A. Almost all of the Company's medium to long term contracts (2 to 15
24 years) expire prior to or during the proforma period. The result is that, excluding the
25 reduction in short-term purchases, Account 555, Purchased Power, decreases by \$281
26 million in the proforma compared to the 2000 test year. At the same time, Account 447,

1 Sales for Resale decreases by \$312 million in the proforma. The Company's remaining
2 power purchases include TransAlta, WNP-3, and small power and Purpa purchases.
3 Remaining long-term sales include the last two months of the Puget sale, the last year of
4 the PacifiCorp summer sale, the Enron capacity sale, the Nichols pumping sale and two
5 load following and reserves sales.

6 The WNP-3 power purchase expense is based on the expected level of power
7 deliveries from BPA, which is determined by the equivalent availability factors of the
8 surrogate nuclear plants used a proxy for the WNP-3 plant. The WNP-3 rate used in the
9 proforma is the midpoint of the ceiling and floor rates, per the WNP-3 agreement.
10 Additional information related to the long-term contracts is provided in Exhibit
11 _____ (WGJ-1).

12 **Capacity Purchase**

13 Q. What expense is included in the proforma for capacity purchases?

14 A. The proforma expense for capacity purchases is \$0. In the 2000 test year
15 capacity purchases totaled \$2,874,000. These purchases consisted of two types of
16 capacity, exchange capacity and reserve capacity. Exchange capacity is where Capacity
17 and energy is received during higher load times and returned during lower load periods.
18 Reserve capacity is capacity that is purchased to ensure energy deliveries during periods
19 when the availability of market energy may be limited.

20 The Company currently does not have any long-term contracts for either exchange
21 capacity or reserve capacity purchases. As explained by Mr. Kalich, the hourly pricing
22 used in the Prosym Model incorporates a capacity value, and as such capacity expenses
23 are included in the short-term energy purchases.

24 **Proforma Fuel Costs**

25 Q. How are proforma fuel costs determined?

1 A. Proforma monthly fuel costs are calculated by the Prosym Model. Fuel
2 costs are the average monthly fuel cost for each plant over the period of record. Natural
3 gas fuel unit costs are based on forward market prices that were varied depending on the
4 water year as explained by witness Kalich. Total natural gas fuel costs for each plant are
5 based on the unit fuel cost and the plant's level of generation. Each month's total fuel
6 cost is then averaged over the period of record to determine the proforma fuel expense.

7 The fuel costs for the other, non natural gas fuel plants, Colstrip and Kettle Falls
8 were determined in a similar fashion. For these two plants the unit fuel cost does not
9 vary depending on the water year. Unit coal costs at Colstrip are based on the long-term
10 coal supply and transportation agreements. Unit wood fuel costs at Kettle Falls are based
11 on multiple shorter-term contracts with fuel suppliers. Total fuel costs for each plant are
12 based on the unit fuel cost and the plant's level of generation. Each month's total fuel
13 cost is then averaged over the period of record to determine the proforma fuel expense.
14 Exhibit _____(WGJ-2) shows the proforma fuel costs by month for each plant.

15 **Contracts Tied to Market Based Electric and Gas Prices**

16 Q. What type of contracts are tied to market based electric and gas prices?

17 A. Avista has one purchase that is priced at the market electric price, one sale
18 priced at the market electric price and one sale where the energy rate is based on the
19 market price of natural gas. Avista purchases 11 MW in August from Black Creek Hydro
20 at the Dow Jones Mid Columbia index price. The Nichols pumping sale is also priced at
21 the Dow Jones Mid Columbia index. The energy rate of the PacifiCorp summer sale is
22 based on the market price of gas and a specified heat rate to convert the gas price to an
23 electric price.

24 The proforma power supply expense uses the weighted average short-term
25 purchase and sales prices determined by the Prosym Model as the proxy for the Mid
26 Columbia index electric price. The gas price used to determine the energy rates in the

1 PacifiCorp contract is the market price of gas from the Prosym Model. By using the
2 modeled electric and gas prices to determine the market based contracts, there is
3 consistency between the revenues and expenses of these contracts with the short-term
4 purchase expense and sales revenue included in the proforma.

5 **Transmission Expense**

6 Q. What factors are driving the increase in transmission expense in the
7 proforma?

8 A. Transmission expense in Account 565 increases by \$1.2 million over the
9 test year. The reason for the increased expense is additional amounts of transmission
10 purchased in the proforma period and a 24.3% increase in BPA's transmission rates. The
11 amount of primary transmission purchased by the Company to integrate generation
12 increases by 269 megawatts, 140 megawatts for Coyote Springs II plant and an additional
13 129 megawatts to wheels the TransAlta purchase from the Paul substation to the Avista's
14 system. Currently the Company purchases 267 megawatts of BPA point to point
15 transmission, 196 megawatts for Colstrip and 71 megawatts for TransAlta. Coyote
16 Springs II requires another 140 megawatts and TransAlta another 129 Mw (71 MW + 129
17 MW = 200 MW Purchase). The cost of this additional transmission is approximately \$4
18 million per year (269,000 kW x \$1.243/kW/mo x 12 month). The BPA transmission rate
19 increase totals an additional \$779,000 (267,000 kW x (\$1.243/kW/mo - \$1.00/kW/mo x
20 12 months).

21 The Company has two larger transmission related expenses that terminate prior to
22 the proforma period. Transmission (Account 565) expenses are reduced by \$3 million
23 due to the expiration of the Cogentrix Use of Facilities contract that expired September
24 30, 2001 and the Clark Service Fee, which was part of the 5 year sale to Clark that
25 expired July 31, 2001. The wheeling expense for short-term sales and purchases is set at
26 \$0 in the proforma.

1 Overall, despite the need to purchase an additional 269 MW of point-to-point
2 transmission (increased cost of \$4,012,404) and a 24.3% increase in BPA's transmission
3 rate (increased cost of \$778,572), the overall increase in the proforma transmission
4 expense (Account 565) is only \$1.2 million.

5 **IV. Description of Temporary Deferral Accounting Mechanism**

6 Q. What type of temporary deferred accounting mechanism is the Company
7 proposing for the period January 2002 through October 2002?

8 A. The Company is proposing to use a deferral calculation methodology
9 similar to the current methodology, but with an important change. Like the current
10 deferral mechanism, the proposed methodology would compare the actual and authorized
11 amounts in FERC accounts 555 (Purchased Power), 501 and 547 (Fuel) and 447 (Sales
12 for Resale) to compute the change in power supply expense, and would include the fixed
13 costs of the new small generation resources such as Boulder Park and the Coyote Springs
14 II project when it comes online in June 2002. The methodology would also include a
15 retail revenue adjustment to account for the revenue offset to the power supply costs. An
16 important change to the methodology is that the Company proposes that only 90% of the
17 change in net power supply expense be deferred.

18 The mechanism would calculate the change in total net expense of power supply
19 to serve system obligations. The change in total net expense includes the difference
20 between actual and authorized levels of the four FERC accounts, natural gas or diesel fuel
21 expenses not captured in the FERC accounts and the fixed costs associated with the
22 Company's new generation resources. It is necessary to make an adjustment to include
23 the cost of natural gas fuel that is purchased but not consumed at a generation plant,
24 because for accounting purposes it is not included in Account 547 Other Fuel Expense.
25 In the case where gas is purchased and resold, the expense is included in Account 557 and

1 supply expense. Fuel expense not included in account 547 would be added to derive the
 2 total change in power supply expense. This system change in power supply expense is
 3 then multiplied by the Washington allocation. From the Washington change in power
 4 supply expense the Washington retail revenue adjustment is subtracted to derive the
 5 Washington change in total net expense. The Washington change in total net expense is
 6 multiplied times 90% to determine the monthly PCA entry. Positive PCA entries are in
 7 the surcharge direction, and negative PCA entries are in the rebate direction. The
 8 calculation of the monthly PCA entries is as follows:

**Power Cost Adjustment
 Monthly PCA Entry Calculation**

=	Actual Power Supply Expense for FERC Accounts
-	Authorized Power Supply Expense for FERC Accounts
=	<hr/> Change in Power Supply Expense
+	Fuel Expense not included in Account 547
x	Washington Allocation %
=	<hr/> Washington Change in Power Supply Expense
+	Washington Retail Revenue Adjustment
=	<hr/> Washington Change in Total Net Expense
x	90% Sharing
=	<hr/> Washington Power Cost Adjustment Entry

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10 Q. How would the actual power supply expense be calculated in the PCA
 11 mechanism?

12 A. The actual power supply expense would be calculated by summing FERC
 13 accounts 555 (Purchased Power), accounts 501 (Fuel) and 547 (Fuel), and a line item for
 14 the expense of fuel not included in account 547, as discussed earlier, and subtracting
 15 FERC account 447 (Sales for Resale).

16 Q. Why are only the four FERC accounts included in the PCA mechanism?

17 A. As explained by Mr. Norwood, these four accounts include the power
 18 supply expenses that have the greatest volatility and are subject to uncontrollable factors,
 19 such as weather and market prices. Other power supply accounts cover areas such as

1 transmission expense and revenues, other expenses and revenues such as headwater
2 benefits expense and revenue, and rents. Expenses and revenues in these accounts are,
3 for the most part, much less volatile and don't vary due to weather or market price
4 changes.

5 Q. Why are there fuel costs not included in account 547?

6 A. This expense (or gain) reflects the expense the Company incurs to sell gas
7 that was purchased for the combustion turbine plants. This line item is necessary because
8 under FERC accounting rules the Company cannot book fuel expenses in Account 547 if
9 the fuel was not consumed. Because the Company at times may sell off some of the gas
10 or diesel purchased for the gas or diesel fueled plants, the purchase expense and sales
11 revenue of the gas is recorded in other accounts (456 revenue and 557 expense). The
12 expense to be included in the PCA is the gain or loss the Company incurred from the
13 resale of the gas or diesel.

14 Q. How would the authorized power supply expense be determined?

15 A. The authorized power supply expense would include the expense and
16 revenues in each of the four FERC accounts included in the final order on Avista's
17 general rate case.

18 **Retail Revenue Adjustment**

19 Q. Why does the PCA mechanism include a retail revenue adjustment?

20 A. Increased retail load results in increased power supply costs. Likewise,
21 reduced retail loads result in reduced power supply costs. If retail loads are higher than
22 what was used to calculate authorized power supply expenses, then increased retail
23 revenues should be recognized as an offset to the increased power supply expenses.

24 As explained by Mr. McKenzie, if the difference between actual and authorized
25 retail revenue is an increase, then that increase adjusted for distribution costs to serve
26 load growth is used to offset increased power supply costs resulting from serving

1 increased retail loads. Likewise, if the difference between actual and authorized retail
2 revenue is a decrease, then that decrease adjusted for distribution costs to serve load
3 growth is used to offset reduced power supply costs resulting from serving reduced retail
4 loads.

5 Q. Does that conclude your pre-filed direct testimony?

6 A. Yes.

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BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION
COMMISSION

DOCKET NO. UE-_____

EXHIBIT NO. ____ (WGJ-1)

PROFORMA POWER SUPPLY EXPENSE

Avista Corp.
Power Supply Proforma - Washington Jurisdiction
System Numbers - 2000 Actual and Nov 02 - Oct 03 Proforma

Water Years	60
Coyote Springs	50%
Potlatch Self Generation	50 MW

Line No.		Jan 00 - Dec 00		Nov 02 - Oct 03
		Actuals	Adjustment	Proforma
		(\$000)		(\$000)
555 PURCHASED POWER				
1	Short-Term Market Purchases	\$734,774	-\$721,211	\$13,563
2	Potlatch Direct Assignment Credit	\$0	-\$7,087	-\$7,087
3	Rocky Reach	1,742	130	1,872
4	Wanapum	2,917	502	3,419
5	Priest Rapids	1,799	97	1,896
6	Wells	1,042	127	1,169
7	TransAlta	26,423	10,316	36,739
8	WNP-1 Reshape	5,273	-5,273	0
9	WNP-3	10,946	1,513	12,459
10	Entitlemnt & Sup Cap	25	-17	8
11	Deer Lake-IP&L	3	0	3
12	Small Power	1,370	-61	1,309
13	Hydro-Tech	221	28	249
14	WPI Amort	989	-989	0
15	Spokane-Upriver	2,095	362	2,457
16	Potlatch Co-Gen	23,360	-23,360	0
17	Capacity Purchases	2,874	-2,874	0
18	ESI 4-yr	6,434	-6,434	0
19	Enron - Backs Cowlitz	4,335	-4,335	0
20	Enron 2-yr	10,826	-10,826	0
21	Sempra - 5 yr	3,306	-3,306	0
22	MIECO Purchase	5,007	-5,007	0
23	Rathdrum Turbine Gas Swap	81	-81	0
24	Black Creek Index Purchase	1,383	-1,068	315
25	BPA 115 MW purch	21,668	-21,668	0
26	Cinergy 3 yr Purchase	2,118	-2,118	0
27	Non-Monetary	18,650	-18,650	0
28	PacifiCorp Wind	2	-2	0
29	Duke Index Purchase	107,284	-107,284	0
30	Idaho Index Purchase	73,796	-73,796	0
31	Total Account 555	1,070,743	-1,002,373	68,370
556 SYSTEM CONTROL & DISPATCH				
32	Microwave Charge	24	-24	0
33	Metering Amortization Cost	119	63	182
34	Total Account 556	143	39	182
557 OTHER EXPENSES				
35	Broker Commission Fees	198	-168	30
36	Hedge Services	-72	72	0
37	Rathdrum Service Fee	2	-2	0
38	Mark-to-Market Restate	197	-197	0
39	Clark Contract Buydown	888	-888	0
40	PSE Exchange	279	-279	0
41	Reserves for Uncollectables	512	-512	0
42	Rathdrum Gas Storage Optimization Expense	1,187	-1,187	0
43	Total Account 557	3,191	-3,161	30
501 THERMAL FUEL EXPENSE				
44	Kettle Falls - Wood Fuel	3,694	175	3,869
45	Kettle Falls - Gas	226	-226	0
46	Centralia - Coal	10,058	-10,058	0
47	Colstrip - Coal	11,019	785	11,804
48	Centralia - Oil	34	-34	0

Avista Corp.
Power Supply Proforma - Washington Jurisdiction
System Numbers - 2000 Actual and Nov 02 - Oct 03 Proforma

Water Years	60
Coyote Springs	50%
Pottlatch Self Generation	50 MW

Line No.		Jan 00 - Dec 00 Actuals (\$000)	Adjustment	Nov 02 - Oct 03 Proforma (\$000)
49	Colstip - Oil	178	-73	105
50	Total Account 501	25,209	-9,432	15,777
 <u>547 OTHER FUEL EXPENSE</u>				
51	Coyote Springs Gas	0	19,213	19,213
52	Rathdrum Gas	39,600	-32,368	7,232
53	Northeast CT Gas	2,399	-1,163	1,236
54	Boulder Park Gas	0	2,262	2,262
55	Kettle Falls CT Gas	0	508	508
56	Fuel Cell Project Gas	54	-54	0
57	NE Combustion Turbine - Oil	70	-70	0
58	Rathdrum Gas Storage Fee	695	-215	480
59	Total Account 547	42,818	-11,886	30,932
 <u>565 TRANSMISSION OF ELECTRICITY BY OTHERS</u>				
60	WNP-3	545	132	677
61	CSPE	15	-10	5
62	Black Creek Wheeling	54	-5	49
63	Supplemental Capacity Wheeling	3	-2	1
64	Wheeling for Short-term Sales & Purchases	835	-835	0
65	Garrison/Paul PTP	3,207	2,700	5,907
66	BPA Townsend-Garrison Wheeling	1,178	0	1,178
67	Garrison-Burke	180	134	314
68	Cogentrix Use of Facilities	925	-925	0
69	Clark Service Fee	2,075	-2,075	0
70	PGE Firm Wheeling	1,017	0	1,017
71	Coyote Springs Transmission	0	2,088	2,088
72	Total Account 565	10,034	1,202	11,236
 <u>536 WATER FOR POWER</u>				
73	Headwater Benefits	695	-36	659
 <u>550 RENTS</u>				
74	Rathdrum Lease Payments	4,546	-4	4,542
 <u>549 MISC OTHER GENERATION EXPENSE</u>				
75	Rathdrum Municipal Payment	133	0	133
 <u>553 MISC OTHER GENERATION EXPENSE</u>				
76	Rathdrum Incremental Maintenance	-859	859	0
 <u>0928 FERC FEES ADMIN</u>				
77	FERC Fees	318	-318	0
78	TOTAL EXPENSE	1,156,971	-1,025,110	131,861
 <u>447 SALES FOR RESALE</u>				
79	Short-Term Market Sales	538,102	-502,035	36,067
80	Puget #2	15,337	-14,174	1,163
81	Seattle High Ross	175	-175	0
82	Enron Capacity Sale	1,800	0	1,800
83	PGE Monetization Amortization	7,371	-7,371	0
84	Cogentrix 57 month	16,540	-16,540	0
85	PacifiCorp 1994	6,784	1,324	8,108
86	EWEB	1,564	-1,564	0
87	Clark #2 5-YR	26,972	-26,972	0

Avista Corp.
Power Supply Proforma - Washington Jurisdiction
System Numbers - 2000 Actual and Nov 02 - Oct 03 Proforma

Water Years	60
Coyote Springs	50%
Potlatch Self Generation	50 MW

Line No.		Jan 00 - Dec 00	Adjustment	Nov 02 - Oct 03
		Actuals		Proforma
		(\$000)		(\$000)
88	Snohomish 10-yr	18,039	-18,039	0
89	W. Kootenay	488	-488	0
90	City of Cheney	281	-281	0
91	Pend Oreille 2yr	517	-517	0
92	Cowlitz - Backed by Enron Purchase	4,424	-4,424	0
92	Nichols Pumping Sale	6,118	-4,404	1,714
93	Montana Index Sale	107,643	-107,643	0
94	Duke Index Sale	108,944	-108,944	0
95	Cogentrix DES	1,410	-1,321	89
96	Pend Oreille DES & Spinning	303	-31	272
97	Sovereign DES	277	-277	0
98	Long Term Prior Period Adj.	-57	57	0
99	Total Account 447	863,032	-813,819	49,213
	<u>456 OTHER ELECTRIC REVENUE</u>			
100	Scheduling Services	12	-12	0
101	Skookumchuck Hydro	99	-99	0
102	Illinova Exchanges	138	-138	0
103	Cogentrix Use of Facilities	925	-925	0
104	Kaiser Power Mgmt Services	244	-244	0
105	PGE Service Fee	47	-47	0
106	Puget Storage Fee	187	-187	0
107	TECWA Exchange	74	-74	0
108	Colstrip Sale of Lots	11	-11	0
109	Options Revenue	5,694	-5,694	0
110	SCL Exchange	21	-21	0
111	Kaiser Transmission Credit	1,657	-1,657	0
112	Rathdrum Gas Storage Optimization Revenue	1,331	-1,331	0
113	Total Account 456	10,440	-10,440	0
	<u>453 SALES OF WATER AND WATER POWER</u>			
114	Upstream Storage Revenue	453	-34	419
	<u>454 MISC RENTS</u>			
115	Colstrip Rents	66	-66	0
116	TOTAL REVENUE	873,991	-824,293	49,632
117	TOTAL NET EXPENSE	282,980	-200,816	82,230
	<u>FUEL-TONS</u>			
118	Kettle Falls	569,947	-289,090	280,857
119	Centralia	321,780	-321,780	0
120	Colstrip	934,476	192,703	1,127,179
	<u>FUEL-COST PER TON</u>			
121	Kettle Falls	6.48	7.29	13.77
122	Centralia	31.26		
123	Colstrip	11.79	-1.32	10.47

Avista Corp.
Brief Description of Power Supply Adjustments

Line No.

- 1 **Short-term Purchases** - Short-term purchases are normalized through use of the
2 Prosym Model as explained in Mr. Kalich's testimony. The proforma value reflects the
3 average short-term purchases from the dispatch simulation study.
- 4 **Potlatch Direct Assignment Credit** – This credit is the cost for a 25 MW purchase at
5 the average modeled energy price of \$32.36/MWh. This expense is directly assigned to
6 the Idaho jurisdiction to cover the cost of serving the remaining Potlatch load. It is a
7 credit to account 555 Purchased Power, effectively reducing system load requirements
8 by 25 aMW.
- 9 **Rocky Reach** - The proforma cost for Rocky Reach is based on Chelan County
10 PUD's projections of debt service costs and O&M expenses. . Avista's costs are based
11 on the Company's 2.9% share of total cost.
- 12 **Wanapum** - Proforma costs are based on Grant Count PUD's September 21, 2001
13 Power Cost Forecast. Avista's costs are based on the Company's 8.2% share of total
14 cost.
- 15 **Priest Rapids** - Priest Rapids proforma costs are based on Grant Count PUD's
16 September 21, 2001 Power Cost Forecast. Avista's costs are based on the Company's
17 6.1% share of total cost.
- 18 **Wells** - Wells' costs are based on Douglas PUD's Power Purchaser's Pro-Forma
19 Statement for the period September 1, 2001 to August 31, 2002. Avista's costs are
20 based on the Company's 3.5% share of total cost.
- 21 **TransAlta** - Proforma costs are based on a 200 MW purchase at a 95% load factor for
22 the months of November 2002 through October 2003, excluding April 2003 through
23 June 2003.
- 24 **WNP-1 Reshape** - Proforma expense is \$0 because the contract ended June 2000.
- 25 **WNP-3** - Proforma cost are based on the expected amount of energy to be received in
26 the proforma period and the midpoint energy rate.

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- 10 **Entitlement & Supplemental Capacity** - Proforma expense is reduced because the amount of Entitlement and Supplemental Capacity that the company purchases decreases from 2000 to the proforma period.
- 11 **Deer Lake-IP&L** - Proforma expense is based on a 5-year average.
- 12 **Small Power** - Proforma costs are based on a five-year average for generation and proforma period energy payment rates.
- 13 **Hydro-Tech** - Proforma costs are based on a five-year average for generation and proforma period contract and avoided cost rates.
- 14 **Wood Power Inc. (WPI) Amortization** - Wood Power amortization expense is \$0.
- 15 **Spokane-Upriver** - Proforma expense is based on a five-year average for generation and proforma period contract rates.
- 16 **Potlatch Co-Generation** - Proforma expense is \$0 because Avista does not have a contract to purchase the output of Potlatch's generation. The Proforma is based on Potlatch generating 50 MW into their own load. 2000 test year loads have been reduced by 50 MW.
- 17 **Capacity Purchases** - Proforma expense is \$0 because the inherent capacity costs are incorporated in the energy prices used in the Prosym Model
- 18 **ESI 4-Year Purchase** - Proforma expense is \$0 because the contract expired June 30, 2001.
- 19 **Enron – Backs Cowlitz** - Proforma expense is \$0 because the contract expired September 30, 2001.
- 20 **Enron 2 yr** - Proforma expense is \$0 because the contract expired June 30, 2001.
- 21 **Sempra 5 yr** - Proforma expense is \$0 because the contract expires March 31, 2002.
- 22 **MIECO Purchase** - Proforma expense is \$0 because the contract expires December 31, 2001.
- 23 **Rathdrum Turbine Gas Swap** – Proforma expense is \$0 because the contract expired January 31, 2001.
- 24 **Black Creek Index Purchase** - Proforma expense is based on a 5-year average for generation and the average modeled energy price in August. Puget stores the output of

1 Black Creek for the year and delivers the power to Avista in August at the Mid-
2 Columbia Index rate less the storage and wheeling costs.

3
4 25 **BPA 115 MW Purchase** - Proforma expense is \$0 because the contract expired
5 September 30, 2001.

6
7 26 **Cinergy 3 yr Purchase** - Proforma expense is \$0 because the contract expired
8 December 31, 2001.

9
10 27 **Non-Monetary** – Non-monetary accruals include accounting entries related to timing
11 differences to properly match revenues and expenses. The account is adjusted to \$0 in
12 the proforma.

13
14 28 **PacifiCorp Wind** - Proforma expense is \$0 because the contract expired September 30,
15 2001.

16
17 29 **Duke Index Purchase** - Proforma expense is \$0 because the contract expired July 31,
18 2001.

19
20 30 **Idaho Index Purchase** - Proforma expense is \$0 because the contract expired July 31,
21 2001.

22
23 31 **Total Account 555**

24
25 32 **Microwave Charge** – Proforma expense is \$0 because the Company has not recently
26 incurred these expenses.

27
28 33 **Metering Amortization Cost** – Proforma costs are the amortization expenses for
29 metering installed to provide Dynamic Energy Scheduling (DES) to Cogenetrix and
30 Sovereign. Proforma expense is based on the scheduled amortization of metering
31 expenses.

32
33 34 **Total Account 556**

34
35 35 **Broker Commission Fees** – Proforma Costs are based on projected Broker
36 Commission Fees of \$2,500 per month.

37
38 36 **Hedge Services** – Proforma expense is \$0 because it is not a reoccurring expense.

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40 37 **Rathdrum Service Fee** – Proforma expense is \$0 because it is not a reoccurring
41 expense.

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- 38 **Mark to Market Restate** – Proforma expense is \$0 because it is not a reoccurring expense.
- 39 **Clark Contract Buydown** – Proforma expense is \$0 because the contract ended July 31, 2001.
- 40 **PSE Exchange** – Proforma expense is \$0 because it is not a reoccurring expense.
- 41 **Reserves for Uncollectibles** – Proforma expense is \$0 because it is not a reoccurring expense.
- 42 **Rathdrum Gas Storage Optimization Expense** – Proforma expense is \$0 because under a new gas storage agreement that began in May 2000 the Company does not buy and sell gas out of storage.
- 43 **Total Account 557**
- 44 **Kettle Falls Wood Fuel Cost** - Proforma fuel expense is an output of the Prosym Model based on the projected unit cost of fuel, the heat content of the fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 45 **Kettle Falls Gas** – Proforma expense is \$0 because gas was not a fuel option for Kettle Falls in the Prosym Model.
- 46 **Centralia Coal** – Proforma expense is \$0 because the Company sold its share of the plant in May 2000.
- 47 **Colstrip Coal Cost** - Proforma expense is an output of the Prosym Model based on the projected unit cost of fuel, the heat content of the fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 48 **Centralia Oil** - Proforma expense is \$0 because the Company sold its share of the plant in May 2000.
- 49 **Colstrip Oil** – Proforma expense is based on PP&L’s (plant operator) estimate of start-up oil expense at Colstrip units 3 and 4 for 2002. Avista’s cost is based on its 15% ownership in the plants.
- 50 **Total Account 501**
- 51 **Coyote Springs Gas** - Proforma expense is an output of the Prosym Model based on the projected unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.

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- 52 **Rathdrum Gas** - Proforma expense is an output of the Prosym Model based on the projected unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 53 **Northeast CT Gas** – Proforma expense is an output of the Prosym Model based on the projected unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 54 **Boulder Park Gas** – Proforma expense is an output of the Prosym Model based on the projected unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 55 **Kettle Falls CT Gas** – Proforma expense is an output of the Prosym Model based on the projected unit cost of fuel and the dispatch of the plant, which determines the volume of fuel consumed.
- 56 **Fuel Cell Project Gas** – Proforma expense is \$0.
- 57 **Northeast Oil** – Proforma expense is \$0 because oil was not a fuel option for Northeast in the Prosym Model.
- 58 **Rathdrum Gas Storage Fee** – This expense is for storage of gas that allows for the immediate availability of gas at the Company’s gas fuel plants. Proforma expense is based on Avista’s contract with Pacific Gas and Electric Company.
- 59 **Total Account 547**
- 60 **WNP-3 Transmission** - Proforma WNP-3 wheeling is based on 32.22 MW at a rate of \$1.751/kW/mo. Proforma expense increased over the test year because BPA’s wheeling rates increased.
- 61 **CSPE Wheeling** - Proforma expense is based on 8.35 MW for the period July 2002 through March 2003 at a rate of \$125/MW/mo. Proforma expense decreased from the test year because the proforma includes only 5 months.
- 62 **Black Creek Wheeling** - This wheeling expense is for the storage and wheeling of the Black Creek Index Purchase (Account 555). The rate is \$6/MWh. Proforma expense decreased from the test year because the amount of energy in the proforma is less than in the test year.

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- 63 **Supplemental Capacity Wheeling** - Proforma expense is based on 7.7935 MW for the period November 2002 through March 2003 at a rate of \$1.50/kW/yr. Proforma expense decreased from the test year because the proforma includes only 5 months.
- 64 **Wheeling for Short-term Purchases and Sales** – Proforma expense is \$0.
- 65 **Garrison/Paul PTP Wheeling** – This wheeling is for the transmission of 196 MW from Colstrip at the Garrison substation and 200 MW from the TransAlta purchase at the Paul substation to Avista’s system. Proforma expense is based on 396 MW capacity at a rate of \$1.243/kW/mo. Proforma expense increased over the test year because the amount of wheeling purchased increases and BPA’s wheeling rates increased.
- 66 **Townsend Garrison Wheeling** – This expense reflects the transmission of Colstrip power from the Townsend substation to the Garrison substation. Proforma expense is based on 2000 actual expense.
- 67 **Garrison Burke Wheeling** – Garrison Burke wheeling reflects the transmission of Colstrip energy above 196 MW from the Garrison substation over Montana Power’s transmission system to the interconnection of Montana and Avista at Burke. The proforma expense is based on a 5 year average of energy wheeled times the 2000 average transmission rate of \$4.62/MWh.
- 68 **Cogentrix Use of Facilities** - Proforma expense is \$0 because the contract ended September 30, 2001.
- 69 **Clark Service Fee** - Proforma expense is \$0 because the contract ended July 31, 2001.
- 70 **PGE Firm Wheeling** – PGE Firm wheeling reflects the cost of transmission from the John Day substation to COB. Avista has a long-term transmission agreement for 85 MW with Portland General. The Proforma expense is based on 100 MW at 2000 actual expense of \$84,780 per month.
- 71 **Coyote Springs Wheeling** - This wheeling is for the transmission of 140 MW from Coyote Springs II to Avista’s system over BPA. Proforma expense is based on 140 MW capacity at a rate of \$1.243/kW/mo.
- 72 **Total Account 565**
- 73 **Headwater Benefits Expense** - Proforma expense is based on the expense for contract year September 2001 through August 2002.

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- 74 **Rathdrum Lease Payments** - Proforma costs reflect payments per the lease payment schedule.
- 75 **Rathdrum Municipal Payment** – This includes an annual payment of \$50,000 and amortization of a \$1 million payment in 1995 to the city of Rathdrum for mitigation related to the Rathdrum generating facility.
- 76 **Rathdrum Incremental Maintenance** – Proforma expense is \$0 because the Company no longer accrues for future maintenance expenses.
- 77 **FERC Fees** – Included in total FERC fees, Account 928.
- 78 **Total Expenses** – Sum of Accounts 555, 556, 557, 501, 547, 656, 536, 550, 549 and 553.
- 79 **Short-Term Market Sales** - Short-term sales are normalized through use of the Prosym Model as described in witness Kalich's testimony. The proforma value reflects average short-term sales from the period of record dispatch simulation study.
- 80 **Puget #2 Sale** - Proforma revenues are lower because the contract amount decreases from 100 MW in 2000 to 33 MW in 2002. Revenue is based on 33 MW capacity at a 75% load factor and a price of \$32.11/MWh.
- 81 **Seattle High Ross** - Proforma revenue is \$0 because the contract ended April 30, 2000.
- 82 **Enron Capacity Sale** – This capacity sale is a result of the monetization of the Portland General capacity sale. Proforma revenue is based on 150 MW at \$1/kW/mo.
- 83 **PGE Monetization Amortization** - Proforma revenue is \$0.
- 84 **Cogentrix 57-Month Sale** - Proforma revenue is \$0 because the contract ended September 30, 2001.
- 85 **PacifiCorp 1994 Sale** - Proforma revenue increased because both the capacity rate and the energy rate increases over the test period. The energy rate is based on the gas cost in the Prosym Model.
- 86 **EWEB Sale** - Proforma revenue is \$0 because the contract ended September 2000.
- 87 **Clark Sale** – Proforma revenue is \$0 because the contract ended July 31, 2001.

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- 88 **Snohomish Sale** – Proforma revenue is \$0 because the contract ended September, 2001.

- 89 **West Kootenay Capacity Sale** – Proforma revenue is \$0 because the contract ended February, 2000.

- 90 **City of Cheney Sale** – Proforma revenue is \$0 because the contract ended September 30, 2001.

- 91 **Pend Oreille Sale** – Proforma revenue is \$0 because the contract ended July 31, 2000.

- 92 **Cowlitz Sale** – Proforma revenue is \$0 because the contract ended September 31, 2001.

- 93 **Nichols Pumping Sale** – This is a sale of energy to other Colstrip Units 3 and 4 owners at the Mid Columbia index price plus \$.30/MWh. Proforma revenue is based on 6 MW at the average modeled energy price, with a \$.30/MWh adder on 5 of the 6 MW.

- 94 **Montana Index Sale** – Proforma revenue is \$0 because the contract ended July 31, 2001.

- 95 **Duke Index Sale** – Proforma revenue is \$0 because the contract ended July 31, 2001.

- 96 **Cogentrix DES** – This contract provides load control services to Cogentrix Energy Power Marketing, Inc.

- 97 **Pend Oreille DES & Spinning Reserves** – This contract provides load control and spinning reserves for Pend Oreille PUD.

- 98 **Sovereign DES** – This contract provides load control services to Sovereign Power, Inc. Proforma revenue is \$0 because the current load being served is near 0 MW and is expected to remain there.

- 99 **Long-term Prior Period Adjustment** – This debit to revenue reflects an offset to the PGE Service Fee and other true-ups related to sales tied to index purchases. The proforma revenue is \$0 because there is no PGE Service Fee revenue or true-ups of index sales in the proforma.

- 100 **Total Account 447**

- 101 **Scheduling Services** - Proforma revenue is \$0 because the contract ended July 31, 2001.

- 1 102 **Skookumchuck Hydro** - Proforma revenue is \$0 because there has been no revenue
2 during 2001.
- 3
- 4 103 **Illinova Exchanges** - Proforma revenue is \$0 because the contract ended July 31, 2001.
- 5
- 6 104 **Cogentrix Use of Facilities** - Proforma revenue is \$0 because the contract ended
7 September 30, 2001.
- 8
- 9 105 **Kaiser Power Management Services** - Proforma revenue is \$0 because the contract
10 ended September 30, 2001.
- 11
- 12 106 **PGE Service Fee** – This revenue is related to the Enron Capacity Sale. This revenue
13 was offset by the Long-term Prior Period Adjustment in 2000. The proforma revenue is
14 \$0 because the entire Enron Capacity Sale revenue is included in Account 447.
- 15
- 16 107 **Puget Storage Fee** – Proforma revenue is \$0 because this was a non-reoccurring event.
- 17
- 18 108 **TECWA Exchange** – Proforma revenue is \$0 because this was a non-reoccurring
19 event.
- 20
- 21 109 **Colstrip Sale of Lots** – Proforma revenue is \$0 because this was a non-reoccurring
22 event.
- 23
- 24 110 **Options Revenue** – Proforma revenue is \$0 because no options have been sold in the
25 proforma period.
- 26
- 27 111 **SCL Exchange** – Proforma revenue is \$0 because this was a non-reoccurring event.
- 28
- 29 112 **Kaiser Transmission Credit** – Proforma revenue is \$0 because this was a non-
30 reoccurring event.
- 31
- 32 113 **Rathdrum Gas Storage Optimization Revenue** – Proforma revenue is \$0 because
33 Avista does not purchase and sell gas from storage under the new gas storage
34 arrangement implemented in May 2000.
- 35
- 36 114 **Total Account 456**
- 37
- 38 115 **Upstream Storage Revenue** – Proforma revenue is based on the revenue for contract
39 year September 2001 through August 2002.
- 40
- 41 116 **Colstrip Rents** – Proforma revenue is \$0 because this was a non-reoccurring event.
- 42
- 43 117 **Total Revenue** – Sum of Accounts 447, 456, 453 and 454.

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- 118 **Total Net Expense** – Total expense minus total revenue.
- 119 **Kettle Falls Tons** – The tons of fuel consumed is calculated by dividing the volume of fuel consumed (in MMBtus) from the Prosym Model by the heat value of the fuel (MMBtus/ton).
- 120 **Centralia Tons** – There is no fuel consumption at Centralia.
- 121 **Colstrip Tons** – The tons of fuel consumed is calculated by dividing the volume of fuel consumed (in MMBtus) from the Prosym Model by the heat value of the fuel (MMBtus/ton).
- 122 **Kettle Falls Cost per Ton** – Proforma cost per ton of \$13.77/ton is based on the cost of wood fuel to be delivered during 2002 and 2003.
- 123 **Centralia Cost per Ton** – There is no coal consumption at Centralia.
- 124 **Colstrip Cost per Ton** - Proforma cost per ton of \$10.47/ton is based on forecasted prices for 2002 and 2003 per the long-term coal supply contract.

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BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION
COMMISSION

DOCKET NO. UE-_____

EXHIBIT NO. ____ (WGJ-2)

PROFORMA MONTHLY SHORT-TERM
PURCHASES AND SALES AND FUEL EXPENSE

Avista Corp.
Power Supply Proforma
System Numbers - November 2002 through October 2003 Proforma
Short-term Purchases & Sales and Thermal Generation & Fuel Costs

Line No.		720	744	744	744	719	744	744	744	744	720	744	744	744	720	744	744	744	720	744	744	720	744	744	720	744	744		
	Total	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03																
1	Secondary Sales - Dollars	\$-1,674,160	\$-2,675,621	\$-3,120,729	\$-3,310,509	\$-2,454,930	\$-1,542,501	\$-2,405,510	\$-5,710,050	\$-6,771,486	\$-2,858,769	\$-2,312,697	\$-1,229,695																
2	Secondary Sales - MWh	54,269	86,057	90,881	101,534	86,475	66,052	123,233	207,272	193,653	61,833	59,239	36,695																
4	Average Secondary Sales Price - \$/MWh	\$30.77	\$31.09	\$32.34	\$32.60	\$28.39	\$23.35	\$19.52	\$27.55	\$34.97	\$46.23	\$39.04	\$31.78																
5	Secondary Purchases - Dollars	\$13,562,746	\$1,031,797	\$710,303	\$316,562	\$952,732	\$1,128,831	\$579,604	\$245,506	\$996,190	\$2,834,829	\$1,718,059	\$1,853,274																
6	Secondary Purchases - MWh	370,326	40,218	32,755	16,248	7,152	25,071	18,697	8,936	19,888	66,180	45,564	54,321																
8	Average Secondary Purchase Price - \$/MWh	\$36.62	\$31.50	\$43.72	\$44.26	\$38.00	\$32.00	\$31.00	\$27.47	\$45.06	\$42.84	\$37.69	\$34.12																
9	Net Short-Term Purchases (Sales) MWh	-801,867	-14,051	-53,302	-77,633	-94,382	-30,775	-104,536	-198,336	-173,765	4,347	-13,655	15,628																
10	Net Short-Term Purchases (Sales) aMWh	-92	-72	-104	-140	-83	-43	-141	-275	-234	6	-19	21																
11	Average Sales and Purchase Price - \$/MWh	\$32.17	\$31.20	\$34.79	\$33.37	\$30.55	\$26.36	\$21.03	\$27.55	\$35.91	\$44.48	\$38.45	\$33.14																
12	Colstrip MWh	1,637,600	143,547	147,028	127,444	148,119	143,477	70,289	125,874	143,126	148,666	143,856	148,405																
13	Conversion Factor, MWh/Ton	1.453	1.453	1.453	1.453	1.453	1.453	1.453	1.453	1.453	1.453	1.453	1.453																
14	Colstrip Tons	1,127,179	98,805	101,201	87,721	101,952	98,721	48,381	86,641	98,515	102,328	99,018	102,149																
15	Cost/Ton	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47	\$10.47																
16	Colstrip Fuel Cost	\$11,803,835	\$1,059,777	\$1,065,114	\$918,620	\$1,067,646	\$1,034,187	\$506,642	\$907,302	\$1,031,655	\$1,071,585	\$1,036,915	\$1,069,705																
17	Kettle Falls MWh	172,928	11,020	17,313	17,908	11,007	6,707	2,254	8,246	20,462	21,100	21,246	16,660																
18	Conversion Factor, MWh/Ton	0.618	0.618	0.618	0.618	0.618	0.618	0.608	0.607	0.611	0.618	0.618	0.618																
19	Kettle Falls Tons	280,857	17,834	28,129	30,759	17,801	10,928	3,708	13,575	33,508	34,165	34,376	26,961																
20	Cost/Ton	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77	\$13.77																
21	Kettle Falls Fuel Cost	\$3,866,595	\$387,453	\$423,679	\$401,007	\$245,196	\$150,531	\$51,072	\$186,982	\$461,550	\$470,601	\$473,501	\$371,370																
22	Coyote Springs MWh	766,131	70,695	68,922	82,201	69,792	48,112	18,532	36,306	72,458	75,227	75,810	71,445																
23	Dispatched Gas Cost, \$/dth	\$3.52	\$3.34	\$3.58	\$3.64	\$3.47	\$3.50	\$3.59	\$3.52	\$3.40	\$3.42	\$3.49	\$3.49																
24	Coyote Springs Fuel Cost	\$19,213,145	\$1,699,013	\$1,768,407	\$2,153,417	\$1,900,516	\$1,202,993	\$475,064	\$916,545	\$1,776,247	\$1,860,281	\$1,870,611	\$1,794,608																
25	Boulder Park MWh	66,484	5,356	3,930	6,052	4,196	1,091	1,770	2,879	8,587	9,375	10,028	6,260																
26	Dispatched Gas Cost, \$/dth	\$3.75	\$3.65	\$3.97	\$4.02	\$4.02	\$4.27	\$4.09	\$3.64	\$3.59	\$3.57	\$3.55	\$3.73																
27	Boulder Park Fuel Cost	\$2,262,208	\$177,353	\$141,415	\$252,347	\$153,085	\$42,314	\$65,750	\$65,170	\$280,140	\$303,976	\$323,069	\$212,015																
28	Kettle Falls CT MWh	15,214	977	985	1,780	1,544	500	156	544	1,935	2,205	2,314	1,347																
29	Dispatched Gas Cost, \$/dth	\$3.81	\$3.84	\$4.05	\$4.00	\$4.12	\$4.04	\$4.24	\$3.75	\$3.65	\$3.65	\$3.61	\$3.87																
30	Kettle Falls CT Fuel Cost	\$507,776	\$32,860	\$34,857	\$62,224	\$62,903	\$17,670	\$5,806	\$17,860	\$61,863	\$69,509	\$73,167	\$45,586																
31	Rathdrum MWh	157,705	7,586	2,864	11,768	1,612	0	1,096	12,760	28,463	34,887	33,959	11,087																
32	Rathdrum Fuel Cost	\$3.84	\$4.09	\$4.47	\$4.42	\$4.31	\$4.31	\$4.29	\$3.61	\$3.74	\$3.56	\$3.67	\$4.18																
33	Rathdrum Fuel Cost	\$7,232,285	\$370,588	\$152,800	\$614,206	\$606,433	\$82,969	\$56,200	\$551,221	\$1,271,045	\$1,485,247	\$1,487,742	\$553,834																
34	Northeast MWh	24,900	655	82	1,438	57	105	0	1,937	4,149	9,093	6,385	988																
35	Northeast Fuel Cost	\$3.82	\$4.24	\$4.52	\$4.67	\$4.43	\$4.56	\$3.81	\$3.97	\$3.98	\$3.47	\$3.81	\$4.41																
36	Northeast Fuel Cost	\$1,236,465	\$36,166	\$4,826	\$87,376	\$3,390	\$6,076	\$0	\$100,071	\$214,778	\$410,313	\$316,285	\$57,184																
37	Total Fuel Expense	\$46,124,309	\$3,596,320	\$3,549,535	\$4,656,362	\$3,488,960	\$2,447,684	\$1,160,533	\$2,775,151	\$5,097,278	\$5,671,513	\$5,561,489	\$4,104,301																
38	Net Fuel and Purchase Expense	\$23,620,398	\$2,536,543	\$2,481,807	\$3,337,738	\$2,421,004	\$1,404,153	\$656,861	\$1,868,605	\$3,320,623	\$3,631,738	\$3,527,914	\$2,834,696																

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BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION
COMMISSION

DOCKET NO. UE-_____

EXHIBIT NO. ____ (WGJ-3)

TEMPORARY DEFERRAL ACCOUNTING MECHANISM

Avista Corp.
Estimated Power Cost Deferrals (Jan 02 - Oct 02), Power Cost Adjustment Entries (Nov 02 - Dec 02)
2002

Line No.		744	744	719	744	720	744	744	720	745	720	744	
		Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02
	ACTUAL EXPENSE												
1	555 Purchased Power	\$10,206,650	\$9,157,450	\$3,142,600	\$1,575,300	\$1,982,900	\$5,370,000	\$5,273,900	\$6,017,000	\$8,560,200	\$7,785,100	\$8,688,100	
2	501 Thermal Fuel	\$1,672,662	\$1,554,871	\$1,338,157	\$1,352,797	\$975,545	\$1,591,981	\$1,752,909	\$1,788,283	\$1,456,716	\$1,422,293	\$1,522,659	\$1,548,175
3	547 CT Fuel	\$4,680,996	\$40,000	\$40,000	\$40,000	\$4,122,247	\$8,531,110	\$11,285,441	\$8,312,040	\$4,346,364	\$4,224,144	\$4,389,390	
4	447 Sale for Resale	\$4,292,200	\$3,739,500	\$4,496,700	\$1,581,700	\$4,756,300	\$9,568,600	\$11,923,600	\$9,247,900	\$3,890,400	\$1,748,700	\$2,742,700	\$3,654,600
5	Total Actual Expense	\$12,248,108	\$7,012,821	\$4,287,207	\$2,953,697	\$2,167,455	\$18,614,722	\$33,730,419	\$9,099,724	\$11,895,356	\$12,600,157	\$10,789,203	\$10,971,065
6	Pollatch Direct Assignment Credit	-\$604,872	-\$546,336	-\$604,872	-\$594,547	-\$604,872	-\$585,360	-\$604,872	-\$604,872	-\$585,360	-\$605,685	-\$585,360	-\$604,872
7	Total Adjusted Actual Expense	\$11,643,236	\$6,466,485	\$3,682,335	\$2,359,150	\$2,772,583	\$18,029,362	\$33,125,547	\$8,494,852	\$11,309,996	\$11,994,472	\$10,203,843	\$10,366,193
	AUTHORIZED EXPENSE												
8	555 Purchased Power	\$176,393,067	\$17,715,941	\$17,965,489	\$13,827,544	\$9,429,128	\$10,780,817	\$17,338,742	\$17,318,558	\$17,633,633	\$18,240,957	\$8,216,171	\$8,175,218
9	501 Thermal Fuel	\$1,386,686	\$1,114,117	\$1,207,061	\$1,024,078	\$844,373	\$375,989	\$971,393	\$1,380,273	\$1,313,820	\$1,382,270	\$1,288,340	\$1,455,230
10	547 CT Fuel	\$907,791	\$78,189	\$77,136	\$78,950	\$77,136	\$78,285	\$77,137	\$120,669	\$1,202,934	\$1,676,667	\$2,355,980	\$2,142,305
11	447 Sale for Resale	\$10,772,670	\$10,053,092	\$10,900,890	\$9,940,681	\$9,590,789	\$9,929,529	\$11,987,748	\$11,346,460	\$11,268,891	\$10,634,016	\$2,563,057	\$3,587,361
12	Authorized Expense	\$86,433,792	\$8,855,155	\$8,348,796	\$4,989,291	\$759,848	\$1,305,562	\$6,399,524	\$7,473,040	\$8,881,196	\$10,685,878	\$9,297,434	\$8,185,392
13	Water Shipment Adjustment	-\$2,639,215	-\$372,513	-\$245,470	-\$148,937	-\$96,059	-\$124,198	-\$519,620	-\$204,468	-\$350,812	-\$263,369		
14	Celsirp EAF Adjustment	-\$337,287	-\$27,032	-\$38,642	-\$24,195	-\$27,733	-\$9,530	-\$23,936	-\$38,721	-\$49,673	-\$57,705		
15	Adjusted Authorized Expense	\$83,457,290	\$8,455,610	\$8,064,684	\$4,816,159	\$636,056	\$1,171,834	\$5,855,968	\$7,229,851	\$8,480,711	\$10,354,804	\$9,297,434	\$8,185,392
	CHANGE IN TOTAL NET EXPENSE												
16	Actual - Authorized Power Supply Expense	\$734,449	-\$1,989,125	-\$4,382,349	-\$2,447,009	-\$3,408,383	-\$3,618,666	-\$2,730,421	\$1,265,001	\$2,829,285	\$1,639,668	\$906,409	\$2,180,801
17	Fuel Expense not included in Account 547	\$0	\$1,902,564	\$2,360,610	\$2,188,461	\$2,249,010	\$1,823,158	\$0	\$0	\$0	\$1,787,936	\$1,805,815	\$1,555,278
18	Coyote Springs Capital, O&M	\$7,133,385					\$1,426,677	\$1,426,677	\$1,426,677	\$1,426,677	\$1,426,677		
19	Boulder Park Capital, O&M	\$3,932,000	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200	\$393,200
20	Bi-Fuel Lease, O&M	\$4,814,000	\$146,000	\$146,000	\$146,000	\$146,000	\$146,000	\$146,000	\$146,000	\$146,000	\$146,000	\$3,500,000	
21	Kettle Falls CT Capital, O&M	\$518,980					\$129,745	\$129,745	\$129,745	\$129,745	\$129,745		
22	Total Net Expense - System	\$22,850,857	\$452,639	-\$1,482,539	\$280,652	-\$620,173	\$170,369	-\$634,799	\$3,360,623	\$4,924,907	\$8,877,226	\$2,512,224	\$3,736,079
23	Washington Allocation	\$15,264,050	\$303,223	-\$993,153	\$188,009	-\$415,454	\$114,130	-\$425,252	\$2,251,281	\$3,299,195	\$5,946,854	\$1,665,353	\$2,476,647
24	Washington Retail Revenue Adjustment	\$11,013,905	-\$221,425	\$1,385,886	\$1,451,127	\$1,830,506	\$2,299,264	\$1,700,967	\$465,285	\$469,430	\$574,750	\$420,809	\$35,518
25	Change in Total Net Expense	\$26,277,955	\$81,798	\$392,733	\$1,639,136	\$1,415,052	\$2,413,394	\$1,275,715	\$2,716,566	\$3,768,625	\$6,521,604	\$2,086,162	\$2,512,165
26	90% of Change in Total Net Expense	\$23,650,162	\$73,618	\$353,460	\$1,475,222	\$1,273,547	\$2,172,055	\$1,148,144	\$2,444,909	\$3,391,763	\$5,868,444	\$1,877,546	\$2,260,949
													Surcharge
27	90% of Change in Total Net Expense (Jan-Oct) Temporary Power Cost Deferral	\$19,511,667											
													Surcharge