



741
Substitute

STATE OF WASHINGTON

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

1300 S. Evergreen Park Dr. S.W., P.O. Box 47250 • Olympia, Washington 98504-7250
(360) 664-1160 • TTY (360) 586-8203

July 14, 2000

NOTICE OF ISSUANCE OF COMMISSION BENCH REQUEST

(July 21, 2000)

RE: Washington Utilities and Transportation Commission v. Avista Corporation
Docket Nos. UE-991606 and UG-991607

TO PARTIES OF RECORD:

The Commission issues the following bench request to Industrial Customers of Northwest Utilities (ICNU):

BENCH REQUEST NO. 2

Please provide the underlying calculations supporting Mr. Schoenbeck's electric revenue requirement adjustments. Show the effect on net income and/or rate base.

Please respond no later than **5:00 p.m., July 21, 2000**, with an original **and** an electronic copy of the response on a 3½-inch IBM formatted high-density disk, in either Lotus, Excel, or Quattro spreadsheet format or WordPerfect version 5.1 or later, labeled with the party's name, type of software used, and the docket numbers of this proceeding.

Sincerely,

Karen M. Caille

KAREN M. CAILLÉ
Administrative Law Judge

WUTC		
DOCKET NO. <u>UE-991606</u>		
EXHIBIT # <u>741</u>		
ADMIT <input checked="" type="checkbox"/>	W/D <input type="checkbox"/>	REJECT <input type="checkbox"/>



BENCH REQUEST NO. 2

Please provide the underlying calculations supporting Mr. Schoenbeck's electric revenue requirement adjustments. Show the effect on net income and/or rate base.

ICNU Response to Bench Request No. 2

PGE Contract Sale:

The \$9.5 million value noted in the testimony is based upon a levelized "mortgage payment" calculation using the Company's proposed cost of capital and an eight year amortization period applied as shown in the attached EXCEL spreadsheet file coupled with a reduction in capacity-related revenue. A more precise calculation would: (1) reduce or credit the test period rate base with the lump sum for the payment received by Avista Utilities plus the accrued interest—adjusted for one-half years amortization amount; (2) include an amortization credit of one-eighth the lump sum; and (3) reduce capacity related revenue by \$16.2 million on a system basis to reflect the new contract rate.

Equity Performance Bonus:

This adjustment reduces the operating income and associated federal income taxes to reflect the lower return on common equity.

Washington Regulatory Fees:

This adjustment reduces the allowed expenses, thereby increasing operating income by the identical amount.

Commercial Trading Margins:

This \$4.2 million adjustment is an increase in the wholesale revenue received by the utility thereby reducing the amount of the retail revenue deficit on a dollar-for-dollar basis.

Centralia Adjustment:

This adjustment is made up of three parts. The Company proposed: (1) an amortization credit using the gain from the Centralia sale less the Ice Storm cost of \$4.0 million; (2) removal of the ice storm amortization amount of \$2.1 million (since the Company proposed to collect or pay for the ice storm expenses with a portion of the gain from the Centralia sale); and (3) increasing purchase power expense by \$4.1 million. Taken together, the Company proposal reduced the original request by \$2.0 million. ICNU recommends not allowing the Company to recover the ice storm costs and use market purchases to replace the power lost from the sale of Centralia. Consequently, the corresponding adjustments under the ICNU recommendations are: (1) an amortization credit of \$6.9 million from the sale of Centralia; (2) remove the Ice Storm amortization amount from test period expenses of \$2.1 million; and (3) decrease purchase power expense by \$1.2 million as compared to the Company's original filing. A direct comparison of these two proposals shows ICNU would have a larger Centralia amortization credit by \$2.9

UE-991606 and UG-991607

July 20, 2000

ICNU Response to Bench Request No. 2

Page 2

million and \$5.3 million less purchase power cost than the Company, for a total adjustment of \$8.2 million as compared to the Company's Centralia proposal.

1991 Fire Storm, Name Change and Y2K:

All these adjustments are reductions to the claimed expense/amortization amounts filed by the Company.

Mr. Schoenbeck's workpapers are provided on the accompanying diskette. Included on the diskette is a EXCEL file entitled 'Schoenbeckworkpapers.xls,' which contains Mr. Schoenbeck's analysis of the results from his inputs to the Avista model. Printouts of the spreadsheets from the Excel file are attached to this response. Also included on the diskette are three WordPerfect 5.x files with the entire results of Mr. Schoenbeck's use of the Avista model. The 'FixedTransalta.doc' file shows the model's results when the Transalta contract was set as a fixed resource, without any contribution from the Centralia Plant. The 'MarketPurchases.doc' file shows the model's results without either the Transalta contract or the Centralia Plant as resources. The 'DisplaceableTransalta.doc' file shows the model's results using the Transalta contract as a displaceable resource using historical data to calculate contribution. Excerpts from these three files are attached with Mr. Schoenbeck's spreadsheets.

PGE/WWP Capacity Contract Assignment

	<u>System</u>	<u>Washington Jurisdiction</u>
Company Filing - Capacity Sale:	\$18,000,000	
Actual Contract WWP/EPMI	\$1,800,000	
Revenue Reduction	-\$16,200,000	
Spokane Energy Payment to WWP 12/31/98	\$141,840,000	
Interest @ 9.5%		
1999	\$13,474,800	
Thru 2nd Q 2000	\$7,377,453	
Total:	\$162,692,253	
Levelized Amortization		
Interest Rate 9.93%	\$30,418,020	20,377,032
Amortization Period 8		
Net Adjustment:	\$14,218,020	\$9,524,652

These monthly totals were taken directly from the Company workpapers

1998

	mid-c	cob	total
Jan	\$237,432	\$41,680	\$279,112
Feb	\$239,300	\$24,960	\$264,260
Mar	\$309,400	\$141,200	\$450,600
Apr	\$484,902	\$0	\$484,902
May	\$54,636	\$147,419	\$202,055
June	\$410,110	\$44,720	\$454,830
July	\$685,848	\$182,128	\$867,976
Aug	\$1,102,524	\$226,740	\$1,329,264
Sept	\$1,522,067	\$302,500	\$1,824,567
Oct	\$33,779	\$66,860	\$100,639
Nov	\$419,899	\$55,540	\$475,439
Dec	\$496,244	-\$332,152	\$164,092

System: \$5,996,141 \$901,595 \$6,897,736

WA Jurisdiction: \$4,620,793

MWH

	Centralia MWh	Transalta Purchase MWh		Delta	
July	94,600	141,360		46,760	49.4%
Aug	130,500	141,360		10,860	8.3%
Sept	123,000	136,800		13,800	11.2%
Oct	127,400	141,550		14,150	11.1%
Nov	126,600	136,800		10,200	8.1%
Dec	107,600	141,360		33,760	31.4%
Jan	120,400	141,360		20,960	17.4%
Feb	82,400	127,680		45,280	55.0%
Mar	104,900	141,360		36,460	34.8%
Apr	71,300	0		-71,300	-100.0%
May	65,700	0		-65,700	-100.0%
June	68,600	0		-68,600	-100.0%

Total	1,223,000	1,249,630			
		29.7			
		\$37,114,011			

Transalta	Net Cost From Model	Displaceable Transalta Resource Net Cost from Model	Difference
(x000)	(x000)	(x000)	(x000)
\$37,114	42,949	\$80,062.91	versus \$70,206
			-\$9,857
			(Transalta @ 0 cost)

AMW

	Centralia Expected	Centralia Availability	Transalta Purchase	Delta		
July	744	127	185	190	63	49.4%
Aug	744	175	185	190	15	8.3%
Sept	720	171	185	190	19	11.2%
Oct	744	171	185	190	19	11.1%
Nov	720	176	185	190	14	8.1%
Dec	744	145	185	190	45	31.4%
Jan	744	162	185	190	28	17.4%
Feb	672	123	185	190	67	55.0%
Mar	744	141	185	190	49	34.8%
Apr	720	99	185	0	-99	-100.0%
May	744	88	134	0	-88	-100.0%
June	720	95	142	0	-95	-100.0%

Total	8,760	140	177	143	
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Dispatchable Replacement	
47.5	35,340
3.15	2,344
85.5	61,560
104.5	77,748
76	54,720
44.3	32,959
50.7	37,721
47.5	31,920
41.2	30,653
	0
	0
	0

AMW:	364,964
	41.7

PRODUCTION MODEL
 ... OUTPUT -
 TRANSALTA CONTRACT AS FIXED RESOURCE

1/3

SMALL POWER	4.	4.	4.	4.	4.	4.	4.	4.	3.
4. 4. 4.	4.	5.	7.	4.	4.	4.	4.	4.	3.
BLACK CREEK	0.	0.	0.	0.	0.	1.	0.	0.	0.
0. 0. 0.	0.	0.	0.	0.	1.	0.	0.	0.	0.
UPRIVER	11.	12.	13.	11.	10.	9.	3.	5.	8.
11. 11. 12.	13.	11.	10.	9.	3.	5.	8.	11.	11.
SEMPRA	28.	28.	0.	0.	0.	19.	28.	28.	28.
28. 28. 28.	0.	0.	0.	19.	28.	28.	28.	28.	28.
ESI	50.	50.	50.	50.	50.	50.	50.	50.	50.
50. 50. 50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
ENRON 2YR	50.	50.	50.	50.	50.	50.	50.	50.	50.
50. 50. 50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
CINERGY	14.	14.	14.	14.	14.	14.	14.	14.	14.
14. 14. 14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
Transalta	190.	190.	190.	190.	190.	190.	190.	190.	190.
190. 190. 190.	0.	0.	0.	143.	190.	190.	190.	190.	190.
POTLATCH	57.	57.	57.	59.	59.	44.	57.	56.	59.
57. 57. 57.	59.	50.	37.	54.	57.	56.	59.	59.	59.
Contract Hydro									
MID-COLUMBIA	122.	121.	97.	106.	119.	109.	84.	81.	90.
122. 121. 97.	102.	111.	129.	106.	81.	90.	109.	109.	109.
System Hydro	373.	429.	431.	496.	306.	323.	274.	221.	334.
373. 429. 431.	511.	768.	782.	448.	221.	334.	440.	440.	440.
Total Resources	1119.	1174.	1102.	1092.	953.	960.	861.	820.	1044.
1119. 1174. 1102.	972.	1179.	1199.	1058.	1058.	1058.	1058.	1058.	1174.
Surplus (Deficit)	-382.	-264.	-325.	-271.	-393.	-386.	-439.	-424.	-364.
-382. -264. -325.	-390.	-26.	-90.	-310.	-310.	-310.	-310.	-310.	-355.

TRANSALTA
 AS FIXED
 RESOURCE

TRANSALTA CONTRACT AS FIXED RESOURCE

Wash Rate Case WGJ 4/26/**

The Washington Water Power

Company

Incremental Resources

2000-2001 Operating Year

JAN	FEB	MAR	JUL APR	AUG1 MAY	AUG2 JUN	SEP	OCT	NOV	DEC
COLSTRIP									
Capacity			222.00	222.00	222.00	222.00	222.00	222.00	222.00
222.00	222.00	222.00	222.00	222.00	222.00	222.00	222.00	222.00	222.00
Availability			.866	.866	.866	.866	.866	.866	.866
.866	.866	.866	.866	.866	.433				
Average MW			192.25	192.25	192.25	192.25	192.25	192.25	192.25
192.25	192.25	192.25	192.25	192.25	96.13				
Cost (M/KWH)			9.10	9.10	9.10	9.10	9.10	9.10	9.10
9.10	9.10	9.10	9.10	9.10	9.10				

KETTLE FALLS									
Capacity			46.00	46.00	46.00	46.00	46.00	46.00	46.00
46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00
Availability			.965	.965	.965	.965	.965	.965	.965
.965	.965	.965	.965	.965	.311				
Average MW			44.39	44.39	44.39	44.39	44.39	44.39	44.39
44.39	44.39	44.39	44.39	44.39	14.31				
Cost (M/KWH)			12.00	12.00	12.00	12.00	12.00	12.00	12.00
12.00	12.00	12.00	12.00	12.00	12.00				

NO
CENTRALIA

CENTRALIA									
Capacity			201.00	201.00	201.00	201.00	201.00	201.00	201.00
201.00	201.00	201.00	201.00	201.00	201.00	201.00	201.00	201.00	201.00
Availability			.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.000	.000	.000				
Average MW			.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00				
Cost (M/KWH)			15.30	15.30	15.30	15.30	15.30	15.30	15.30
15.30	15.30	15.30	15.30	15.30	15.30				

RATHDRUM									
Capacity			141.00	142.00	142.00	146.00	164.00	170.00	174.00
176.00	172.00	168.00	163.00	160.00	144.00				
Availability			.000	.840	.840	.840	.840	.840	.840
.840	.000	.000	.000	.000	.000				
Average MW			.00	119.28	119.28	122.64	137.76	142.80	146.16
147.84	.00	.00	.00	.00	.00				
Cost (M/KWH)			29.40	29.40	29.40	29.40	29.40	29.40	29.40
29.40	29.40	29.40	29.40	29.40	29.40				

TRANSALTA CONTRACT
AS FIXED RESOURCE

16.0 Total Sales \$ = 2350.4 Total Sales MWH = 146.7 Total Sales \$/MWH =

2350.4

Total Sales \$ =

22934.2

Total Purchases \$ =

RESOURCE	FUEL COST		Total
	FIXED	INCRMNTL	
COLSTRIP	.0	13136.2	13136.2
KEITLE FALLS	.0	3540.2	3540.2
CENTRALIA	.0	.0	.0
RATHDRUM	.0	5688.7	5688.7
NORTHEAST	.0	.0	.0

Total Fuel \$ =

22365.1

Net Total Cost \$ =-

$42948.9 + 37114 = \underline{80063}$
 FIXED TRANSACTIONS OB.
 VARIABLE COST

See

PRODUCTION MODEL
OUTPUT

REPLACE CENTRALIA/TRANSALTA
WITH MARKET PURCHASES

1/3

SMALL POWER	4.	4.	4.	4.	4.	4.	4.	3.
4. 4. 4.	4.	5.	7.	4.	0.	0.	0.	0.
BLACK CREEK	0.	0.	0.	1.	3.	5.	8.	11.
0. 0. 0.	0.	2.	2.	9.	28.	28.	28.	28.
UPRIVER	11.	11.	10.	19.	50.	50.	50.	50.
11. 11. 12.	13.	28.	28.	50.	50.	50.	50.	50.
SEMPRA	28.	0.	0.	50.	50.	50.	50.	50.
28. 28. 28.	0.	50.	50.	50.	50.	50.	50.	50.
ESI	50.	50.	50.	50.	50.	50.	50.	50.
50. 50. 50.	50.	50.	50.	50.	50.	50.	50.	50.
ENRON 2YR	50.	50.	50.	50.	50.	50.	50.	50.
50. 50. 50.	50.	50.	50.	50.	50.	50.	50.	50.
CINERGY	14.	14.	14.	14.	14.	14.	14.	14.
14. 14. 14.	14.	14.	14.	14.	14.	14.	14.	14.
POTLATCH	57.	59.	59.	44.	57.	56.	59.	
57. 57. 57.	59.	50.	37.	54.				
Contract Hydro								
MID-COLUMBIA	122.	121.	97.	106.	119.	109.	84.	81.
122. 121. 97.	102.	111.	129.	106.	221.	334.	440.	
System Hydro								
373.	429.	431.	496.	306.	323.	274.	221.	334.
373. 429. 431.	511.	768.	782.	448.	630.	854.	984.	
Total Resources								
929.	984.	912.	902.	763.	770.	671.	630.	854.
929. 984. 912.	972.	1179.	1199.	915.	-614.	-554.	-545.	
Surplus (Deficit)								
-572.	-454.	-515.	-461.	-583.	-576.	-629.	-614.	-554.
-572. -454. -515.	-390.	-26.	-90.	-452.				

NO COUNTER!

REPLACE CENTRALIA
WITH MARKET
PURCHASES 2/3

Wash Rate Case WGJ 4/27/**

Company

The Washington Water Power

Incremental Resources

2000-2001 Operating Year

JAN	FEB	MAR	JUL APR	AUG1 MAY	AUG2 JUN	SEP	OCT	NOV	DEC
COLSTRIP									
Capacity			222.00	222.00	222.00	222.00	222.00	222.00	222.00
222.00	222.00	222.00	222.00	222.00	222.00				
Availability			.866	.866	.866	.866	.866	.866	.866
.866	.866	.866	.866	.866	.433				
Average MW			192.25	192.25	192.25	192.25	192.25	192.25	192.25
192.25	192.25	192.25	192.25	192.25	96.13				
Cost (M/KWH)			9.10	9.10	9.10	9.10	9.10	9.10	9.10
9.10	9.10	9.10	9.10	9.10	9.10				
KETTIE FALLS									
Capacity			46.00	46.00	46.00	46.00	46.00	46.00	46.00
46.00	46.00	46.00	46.00	46.00	46.00				
Availability			.965	.965	.965	.965	.965	.965	.965
.965	.965	.965	.965	.965	.311				
Average MW			44.39	44.39	44.39	44.39	44.39	44.39	44.39
44.39	44.39	44.39	44.39	44.39	14.31				
Cost (M/KWH)			12.00	12.00	12.00	12.00	12.00	12.00	12.00
12.00	12.00	12.00	12.00	12.00	12.00				
CENTRALIA									
Capacity			201.00	201.00	201.00	201.00	201.00	201.00	201.00
201.00	201.00	201.00	201.00	201.00	201.00				
Availability			.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.000	.000	.000				
Average MW			.00	.00	.00	.00	.00	.00	.00
.00	.00	.00	.00	.00	.00				
Cost (M/KWH)			15.30	15.30	15.30	15.30	15.30	15.30	15.30
15.30	15.30	15.30	15.30	15.30	15.30				
RATHDRUM									
Capacity			141.00	142.00	142.00	146.00	164.00	170.00	174.00
176.00	172.00	168.00	163.00	160.00	144.00				
Availability			.000	.840	.840	.840	.840	.840	.840
.940	.000	.000	.000	.000	.000				
Average MW			.00	119.28	119.28	122.64	137.76	142.80	146.16
147.84	.00	.00	.00	.00	.00				
Cost (M/KWH)			29.40	29.40	29.40	29.40	29.40	29.40	29.40
29.40	29.40	29.40	29.40	29.40	29.40				

NO CENTRALIA

REPLACE CENTRALIA
WITH MARKET
PURCHASES 3/3

16.8 Total Sales \$ = 1977.2 Total Sales MWH - 117.6 Total Sales \$/MWH =

1977.2 Total Sales \$ =

51752.6 Total Purchases \$ =

RESOURCE	FUEL COST		
	FIXED	INCRMNTL	Total
COLSTRIP	.0	13136.2	13136.2
KETTLE FALLS	.0	3540.2	3540.2
CENTRALIA	.0	.0	.0
RATHDRUM	.0	5688.7	5688.7
NORTHEAST	.0	.0	.0

Total Fuel \$ =

Net Total Cost \$ =

22365.1

72140.5 ← VARIABLE COST

2.0

VS.
Fixed Transact
CONTRACT

\$ 80,063

SYSTEM

7.92M

x .6699 =

WA. JURIS

\$ 5.3M

↑
Reduce Pur
SUPPLY EXPENSE

ALLOW TRANSALTA CONTRACT
TO BE DISPLACED WITH
MARKET PURCHASES

1/8

SMALL POWER	4.	4.	4.	4.	5.	7.	4.	4.	4.	3.
BLACK CREEK	0.	0.	0.	0.	11.	11.	0.	0.	0.	0.
UPRIVER	11.	12.	13.	5.	2.	2.	3.	5.	8.	11.
SEMPRA	28.	28.	0.	0.	28.	28.	28.	28.	28.	28.
ESI	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
ENRON 2YR	50.	50.	50.	50.	50.	50.	50.	50.	50.	50.
CINERGY	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
POTLATCH	57.	57.	59.	57.	59.	59.	44.	57.	56.	59.
Contract Hydro										
MID-COLUMBIA	122.	121.	97.	106.	119.	109.	84.	81.	90.	109.
System Hydro	373.	429.	431.	496.	306.	323.	274.	221.	334.	440.
Total Resources	929.	984.	912.	902.	763.	770.	671.	630.	854.	984.
Surplus (Deficit)	-572.	-454.	-515.	-461.	-583.	-576.	-629.	-614.	-554.	-545.
				-390.	-26.	-90.	-452.			

Wash Rate Case WGJ 4/26/**

Company

The Washington Water Power

Incremental Resources

2000-2001 Operating Year

JAN	FEB	MAR	JUL APR	AUG1 MAY	AUG2 JUN	SEP	OCT	NOV	DEC
COLSTRIP									
Capacity			222.00	222.00	222.00	222.00	222.00	222.00	222.00
222.00	222.00	222.00	222.00	222.00	222.00				
Availability			.866	.866	.866	.866	.866	.866	.866
.866	.866	.866	.866	.866	.433				
Average MW			192.25	192.25	192.25	192.25	192.25	192.25	192.25
192.25	192.25	192.25	192.25	192.25	96.13				
Cost (M/KWH)			9.10	9.10	9.10	9.10	9.10	9.10	9.10
9.10	9.10	9.10	9.10	9.10	9.10				

KETTLE FALLS									
Capacity			46.00	46.00	46.00	46.00	46.00	46.00	46.00
46.00	46.00	46.00	46.00	46.00	46.00				
Availability			.965	.965	.965	.965	.965	.965	.965
.965	.965	.965	.965	.965	.311				
Average MW			44.39	44.39	44.39	44.39	44.39	44.39	44.39
44.39	44.39	44.39	44.39	44.39	14.31				
Cost (M/KWH)			12.00	12.00	12.00	12.00	12.00	12.00	12.00
12.00	12.00	12.00	12.00	12.00	12.00				

RATHDRUM									
Capacity			141.00	142.00	142.00	146.00	164.00	170.00	174.00
176.00	172.00	168.00	163.00	160.00	144.00				
Availability			.000	.840	.840	.840	.840	.840	.840
.840	.000	.000	.000	.000	.000				
Average MW			.00	119.28	119.28	122.64	137.76	142.80	146.16
147.84	.00	.00	.00	.00	.00				
Cost (M/KWH)			29.40	29.40	29.40	29.40	29.40	29.40	29.40
29.40	29.40	29.40	29.40	29.40	29.40				

1Transalta									
Capacity			200.00	200.00	200.00	200.00	200.00	200.00	200.00
200.00	200.00	200.00	200.00	200.00	200.00				
Availability			.950	.950	.950	.950	.950	.950	.950
.950	.950	.950	.000	.000	.000				
Average MW			190.00	190.00	190.00	190.00	190.00	190.00	190.00
190.00	190.00	190.00	.00	.00	.00				
Cost (M/KWH)			29.70	29.70	29.70	29.70	29.70	29.70	29.70
29.70	29.70	29.70	29.70	29.70	29.70				

RESOURCE
AVAILABILITY

VARIABLE
COST

3/8

Wash Rate Case WGI 4/26/**

The Washington Water Power

Co.

Secondary Sales And

Purchases

2000-2001 Operating Year

60 Year Averages

(Average Megawatts)

JAN	FEB	MAR	JUL APR	AUG1 MAY	AUG2 JUN	SEP Total	OCT	NOV	DEC	
Surplus (Def)			-461.0	-583.0	-575.7	-629.0	-613.8	-554.3	-544.9	-
572.2	-454.1	-515.2	-389.6	-25.7	-89.7	.0				
Purchases										
From Store Acct			.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
COLSTRIP			144.2	192.3	192.3	189.0	192.3	192.3	179.4	
192.3	179.4	173.0	160.2	121.8	60.9	.0				
KETTLE FALLS			25.2	43.7	42.2	42.2	42.9	44.4	36.3	
43.7	34.0	34.8	25.9	23.7	7.9	.0				
RATHDRUM			.0	.0	4.0	55.2	75.8	57.1	34.1	
39.4	.0	.0	.0	.0	.0	.0				
1Transalta			47.5	.0	6.3	85.5	104.5	76.0	44.3	
50.7	47.5	41.2	.0	.0	.0	.0				
NORTHEAST			.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				

BPA Purchases			.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
Pool Purchases			174.5	347.0	326.7	192.1	142.8	162.3	237.0	
220.5	150.3	223.3	147.9	.0	16.9	.0				
1st End Pool Pur			69.6	.0	4.3	65.0	55.7	22.8	13.8	
26.3	42.8	42.9	57.6	8.6	32.8	.0				

Subtotal			244.1	347.0	331.0	257.1	198.4	185.1	250.7	
246.9	193.1	266.2	205.5	8.5	49.7	.0				

Into Store Acct			.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
Accumulated Storage			.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				

Sales										
SECONDARY SALES			.0	.0	.0	.0	.0	.6	.0	
.6	.0	.0	2.0	128.3	28.8	.0				
Spill			.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				

ACTUAL
UTILIZATION
(MW)

5/8

Total Sales \$ = 2009.4 Total Sales MWH = 118.5 Total Sales \$/MWH = 17.0

2009.4

Total Sales \$ =

39007.8

Total Purchases \$ =

..... FUEL COST			
RESOURCE	FIXED	INCRMNTL	Total
COLSTRIP	.0	13136.2	13136.2
KETTLE FALLS	.0	3540.2	3540.2
RATHDRUM	.0	5688.7	5688.7
1Transalta	.0	10842.2	10842.2
NORTHEAST	.0	.0	.0

33207.3

Total Fuel \$ =

\$70205.7

Net Total Cost \$ =-

V,
80,063
↓
\$ 9.86

6/8

Wash Rate Case WGI 4/26/**

Co.

1Transalta

Year

← UTILIZATION BY WATER YR

The Washington Water Power
SECONDARY AVERAGE MW PURCHASE -
2000-2001 Operating

JAN	FEB	MAR	JUL APR	AUG1 MAY	AUG2 JUN	SEP	OCT	NOV	DEC
		1928-29	190.0	.0	.0	.0	190.0	190.0	190.0
190.0	190.0	190.0	.0	.0	.0				
		1929-30	190.0	.0	.0	190.0	190.0	190.0	190.0
190.0	190.0	.0	.0	.0	.0				
		1930-31	190.0	.0	.0	190.0	190.0	190.0	190.0
190.0	190.0	.0	.0	.0	.0				
		1931-32	190.0	.0	.0	190.0	190.0	190.0	190.0
.0	.0	.0	.0	.0	.0				
		1932-33	.0	.0	.0	190.0	190.0	.0	.0
.0	.0	.0	.0	.0	.0				
		1933-34	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0				
		1934-35	190.0	.0	.0	190.0	190.0	.0	.0
.0	.0	.0	.0	.0	.0				
		1935-36	.0	.0	.0	.0	190.0	190.0	190.0
.0	190.0	190.0	.0	.0	.0				
		1936-37	190.0	.0	.0	190.0	190.0	190.0	190.0
190.0	190.0	190.0	.0	.0	.0				
		1937-38	190.0	.0	.0	190.0	190.0	.0	.0
190.0	.0	.0	.0	.0	.0				
		1938-39	.0	.0	.0	190.0	190.0	190.0	190.0
190.0	190.0	.0	.0	.0	.0				
		1939-40	.0	.0	.0	190.0	190.0	190.0	.0
190.0	190.0	.0	.0	.0	.0				
		1940-41	190.0	.0	.0	190.0	190.0	190.0	.0
190.0	190.0	.0	.0	.0	.0				
		1941-42	190.0	.0	.0	.0	.0	.0	.0
.0	.0	190.0	.0	.0	.0				
		1942-43	.0	.0	.0	190.0	190.0	190.0	.0
190.0	.0	.0	.0	.0	.0				
		1943-44	.0	.0	.0	.0	190.0	190.0	190.0
190.0	190.0	190.0	.0	.0	.0				
		1944-45	190.0	.0	.0	190.0	190.0	190.0	190.0
.0	190.0	190.0	.0	.0	.0				
		1945-46	.0	.0	.0	190.0	190.0	190.0	.0
190.0	.0	.0	.0	.0	.0				
		1946-47	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0				
		1947-48	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0				
		1948-49	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0				

7/8

		1949-50	.0	.0	.0	.0	190.0	190.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1950-51	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1951-52	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1952-53	.0	.0	.0	.0	190.0	190.0	190.0	190.0
.0	.0	.0	.0	.0	.0	.0				
		1953-54	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1954-55	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	190.0	.0	.0	.0	.0				
		1955-56	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1956-57	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1957-58	.0	.0	.0	.0	190.0	190.0	190.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1958-59	.0	.0	.0	.0	190.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1959-60	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1960-61	.0	.0	.0	.0	.0	190.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1961-62	.0	.0	.0	.0	190.0	.0	190.0	.0
.0	.0	190.0	.0	.0	.0	.0				
		1962-63	.0	.0	.0	.0	190.0	.0	.0	.0
.0	.0	190.0	.0	.0	.0	.0				
		1963-64	.0	.0	.0	.0	.0	190.0	.0	.0
.0	.0	190.0	.0	.0	.0	.0				
		1964-65	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1965-66	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1966-67	.0	.0	.0	.0	190.0	190.0	190.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1967-68	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1968-69	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1969-70	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1970-71	.0	.0	.0	.0	190.0	190.0	190.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1971-72	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1972-73	.0	.0	.0	.0	.0	.0	.0	.0
190.0	190.0	190.0	.0	.0	.0	.0				
		1973-74	190.0	.0	190.0	190.0	190.0	190.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1974-75	.0	.0	.0	.0	.0	190.0	190.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1975-76	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0				
		1976-77	.0	.0	.0	.0	.0	.0	190.0	190.0
190.0	190.0	190.0	.0	.0	.0	.0				

8/8

.0	.0	1977-78	190.0	.0	.0	190.0	190.0	190.0	.0
		.0	.0	.0	.0				
190.0	.0	1978-79	.0	.0	.0	.0	.0	190.0	190.0
		.0	.0	.0	.0				
.0	.0	1979-80	.0	.0	.0	190.0	190.0	190.0	190.0
		.0	.0	.0	.0				
.0	.0	1980-81	.0	.0	.0	190.0	190.0	.0	.0
		.0	.0	.0	.0				
.0	.0	1981-82	.0	.0	.0	.0	190.0	.0	.0
		.0	.0	.0	.0				
.0	.0	1982-83	.0	.0	.0	.0	.0	.0	.0
		.0	.0	.0	.0				
.0	.0	1983-84	.0	.0	.0	.0	190.0	.0	.0
		.0	.0	.0	.0				
.0	190.0	1984-85	.0	.0	.0	.0	190.0	.0	.0
		.0	.0	.0	.0				
.0	.0	1985-86	190.0	.0	.0	.0	.0	.0	.0
		.0	.0	.0	.0				
190.0	190.0	1986-87	190.0	.0	.0	190.0	190.0	.0	.0
		.0	.0	.0	.0				
190.0	190.0	1987-88	190.0	.0	190.0	190.0	190.0	190.0	190.0
		190.0	.0	.0	.0				
		AVERAGE	47.5	.0	6.3	85.5	104.5	76.0	44.3
50.7	47.5	41.2	.0	.0	.0				

AVERAGE
UTILIZATION OVER
ALL WATER YEARS