

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

In the Matter of the Joint Application of  
PACIFICORP and PACIFICORP,  
WASHINGTON, INC. for an Order  
Approving (1) the Transfer of Distribution  
Property from PacifiCorp to an Affiliate,  
PacifiCorp, Washington, Inc.,  
(2) the Transfer by PacifiCorp of Certain  
Utility Property to an Affiliate, the Service  
Company, and (3) the Proposed Accounting  
Treatment for Regulatory Assets and  
Liabilities, and an Order Granting an  
Exemption under RCW 80.08.047 for the  
Issuance or Assumption of Securities and  
Encumbrance of Assets by PacifiCorp,  
Washington, Inc. and/or PacifiCorp

Docket No. UE-001878

PACIFICORP

EXHIBIT TO SUPPLEMENTAL DIRECT TESTIMONY OF  
GREGORY N. DUVALL

June 2001

Exhibit A (LT) --Thermal Pricing Elements and Dedicated New Resources  
Washington

A	B	Thermal Energy Share (MWh)																																																																																																																																																																																																																																																																																																																																																																																																					
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		1/HLH	1/LLH	2/HLH	2/LLH	3/HLH	3/LLH	4/HLH	4/LLH	5/HLH	5/LLH	6/HLH	6/LLH	7/HLH	7/LLH	8/HLH	8/LLH	9/HLH	9/LLH	10/HLH	10/LLH	11/HLH	11/LLH	12/HLH	12/LLH	1/HLH	1/LLH	2/HLH	2/LLH	3/HLH	3/LLH	4/HLH	4/LLH	5/HLH	5/LLH	6/HLH	6/LLH	7/HLH	7/LLH	8/HLH	8/LLH	9/HLH	9/LLH	10/HLH	10/LLH	11/HLH	11/LLH	12/HLH	12/LLH																																																																																																																																																																																																																																																																																																																																																						
Thermal Elements	End Year	809	603	654	478	420	316	640	439	721	528	640	483	639	467	658	495	672	522	792	570	694	591	723	567	6,435	4,794	5,206	3,803	3,467	2,698	3,472	2,269	5,733	4,197	5,088	3,842	5,082	3,719	5,239	3,937	5,350	4,153	6,304	4,536	5,523	4,698	5,754	4,510	5,927	4,416	5,296	3,892	10,212	7,700	10,382	7,132	11,694	8,562	10,170	7,663	10,365	7,586	10,685	8,030	10,913	8,472	7,158	4,981	11,266	9,583	11,737	9,199	5,102	3,801	2,056	1,502	2,286	1,724	4,036	2,772	4,532	3,342	4,062	3,021	4,029	2,949	4,154	3,121	4,242	3,293	4,999	3,597	4,379	3,725	4,563	3,576	6,442	4,799	5,212	3,807	3,713	2,799	5,145	3,453	5,781	4,163	5,094	3,847	5,087	3,723	5,244	3,941	5,356	4,158	6,311	4,541	5,529	4,703	4,738	3,714	27,625	20,582	22,350	16,327	24,677	18,607	17,660	11,984	21,309	15,554	21,845	16,496	21,816	15,967	22,490	16,900	22,991	17,808	17,379	12,387	23,711	20,169	24,702	19,362	2,629	223	1,845	413	1,407	1,006	1,223	914	1,404	993	1,300	258	0	0	0	0	0	0	0	2,201	1,658	2,217	1,430	2,120	1,555	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,857	2,128	2,311	1,688	1,091	823	1,268	871	2,545	1,863	2,259	1,706	2,256	1,651	2,326	1,748	2,375	1,844	2,894	1,919	2,488	2,051	1,532	1,201	9,259	6,899	7,559	5,407	8,271	6,237	8,067	4,331	11,359	6,727	8,814	5,577	7,536	3,929	7,932	0	0	0	0	0	0	8,065	6,647	8,318	6,452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,195	18,099	25,827	18,943	31,272	23,221	32,283	22,297	36,219	26,896	32,292	24,481	32,250	23,695	33,247	25,081	33,953	26,461	40,010	28,901	30,108	25,712	36,517	28,734	32,327	24,085	26,154	19,106	28,798	21,851	13,003	8,933	16,518	12,094	25,564	19,304	25,529	18,685	26,319	19,777	26,878	20,866	31,670	22,787	27,747	23,602	28,907	22,657	51,825	36,612	41,929	30,630	34,543	26,046	30,527	20,972	45,950	34,015	33,551	25,335	40,927	29,954	42,192	31,706	43,089	33,451	51,005	36,300	35,436	29,730	46,343	36,323	25,634	19,098	20,739	15,150	16,586	12,241	16,436	11,291	20,287	15,169	19,824	14,949	19,821	14,507	21,304	16,009	21,757	16,890	25,287	18,195	22,155	18,845	23,081	18,091	10,443	7,781	8,449	6,172	7,523	5,673	8,260	5,675	9,305	6,812	8,258	6,236	8,247	6,036	8,502	6,389	8,683	6,741	10,231	7,361	8,964	7,625	9,338	7,319

Exhibit A (Washington)

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL
Thermal Elements	Plant Location East or West	Start \$/Month	\$/Month Thermal O&M	\$/Month A&G	\$/Month Fuel Cost	\$/Month Start Plant in Service	\$/Month Book Depreciation	\$/Month Tax Depreciation	\$/Month Capital Investment	\$/Month Start-Year Fuel and M&S	\$/Month After-Tax Return on Rate Base	\$/Month Escalation
Blundell	East	**	\$17,185	\$9,063	\$0.00	\$560,682	Exhibit K	Exhibit M	Exhibit L	\$2,931	\$26,863	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Carbon	East	**	\$74,771	\$45,192	\$0.00	\$590,643	Exhibit K	Exhibit M	Exhibit L	\$22,670	\$18,105	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Cholla	East	**	\$120,968	\$16,280	\$0.00	\$2,657,112	Exhibit K	Exhibit M	Exhibit L	\$23,293	\$85,068	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Coistrip	West	**	\$47,508	\$5,552	\$0.00	\$1,516,645	Exhibit K	Exhibit M	Exhibit L	\$1,070	\$50,268	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Craig	East	**	\$81,080	\$8,067	\$0.00	\$1,659,981	Exhibit K	Exhibit M	Exhibit L	\$8,980	\$85,846	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Dave Johnson	West	**	\$259,995	\$152,676	\$0.00	\$3,554,470	Exhibit K	Exhibit M	Exhibit L	\$50,722	\$148,658	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Gadsby (Oct - Jun)	East	**	\$44,483	\$27,406	\$0.00	\$549,385	Exhibit K	Exhibit M	Exhibit L	\$9,211	\$8,138	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Gadsby (Jul - Sep)	East	**	\$44,483	\$27,406	\$264,293	\$549,385	Exhibit K	Exhibit M	Exhibit L	\$9,211	\$8,138	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Hayden	East	**	\$34,895	\$3,878	\$0.00	\$710,560	Exhibit K	Exhibit M	Exhibit L	\$5,005	\$39,461	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Hermiston (<= 80%)	West	**	\$54,182	\$6,659	\$131,588	\$1,165,124	Exhibit K	Exhibit M	Exhibit L	\$0	\$77,925	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Hermiston (> 80%)	West	**	\$54,182	\$6,659	\$60,399	\$1,165,124	Exhibit K	Exhibit M	Exhibit L	\$0	\$77,925	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Hunter	East	**	\$276,732	\$144,609	\$0.00	\$6,648,843	Exhibit K	Exhibit M	Exhibit L	\$288,654	\$258,978	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Huntington	East	**	\$206,133	\$117,749	\$0.00	\$2,930,194	Exhibit K	Exhibit M	Exhibit L	\$87,600	\$106,439	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Jim Bridger	West	**	\$359,739	\$211,124	\$0.00	\$6,499,982	Exhibit K	Exhibit M	Exhibit L	\$106,722	\$234,088	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Naughton	East	**	\$204,103	\$122,745	\$0.00	\$2,367,664	Exhibit K	Exhibit M	Exhibit L	\$53,680	\$88,770	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)
Wyodak	West	**	\$114,622	\$66,363	\$0.00	\$2,729,142	Exhibit K	Exhibit M	Exhibit L	\$22,132	\$120,102	(Thermal O&M+Esc. A)+(A&G+Esc. B)+(Data from Exhibits K, M, L)+(RORB)

\*\* To be determined consistent with Section 1.4 of Long-Term Agreement

After-Tax Return on Rate Base = [(P + I - Retirements) - (AD Previous Year + D - Retirements) - (T Previous Year + (ID - T) x Tax Rate)] - FI x R

Exhibit A (Washington)

A	AM	AN	AO	AP	AQ
Thermal Elements	Start \$/MWh	\$/MWh Coal Fuel	\$/MWh Natural Gas Fuel	\$/MWh Escalation	Buyers Share
Blundell	***	\$20.59	N/A	(Coal Fuel*Esc.D)	8.03%
Carbon	***	\$7.81	N/A	(Coal Fuel*Esc.D)	8.79%
Cholla	***	\$12.29	N/A	(Coal Fuel*Esc.D)	8.80%
Colstrip	***	\$6.26	N/A	(Coal Fuel*Esc.D)	10.29%
Craig	***	\$10.38	N/A	(Coal Fuel*Esc.D)	8.81%
Dave Johnston	***	\$5.36	N/A	(Coal Fuel*Esc.D)	9.13%
Gadsby (Oct - Jun)	***	N/A	\$41.30	(Natural Gas Fuel*Esc.E)	8.81%
Gadsby (Jul - Sep)	***	N/A	\$0	(Natural Gas Fuel*Esc.E)	8.81%
Hayden	***	\$11.07	N/A	(Coal Fuel*Esc.D)	8.84%
Hermiston (<= 80%)	***	N/A	\$14.24	(Natural Gas Fuel*Esc.E)	8.59%
Hermiston (> 80%)	***	N/A	\$18.84	(Natural Gas Fuel*Esc.E)	8.59%
Hunter	***	\$8.90	N/A	(Coal Fuel*Esc.D)	7.72%
Huntington	***	\$6.87	N/A	(Coal Fuel*Esc.D)	8.25%
Jim Bridger	***	\$9.09	N/A	(Coal Fuel*Esc.D)	9.36%
Naughton	***	\$11.37	N/A	(Coal Fuel*Esc.D)	8.39%
Wyodak	***	\$9.99	N/A	(Coal Fuel*Esc.D)	9.97%

\*\*\* To be determined consistent with Section 1.6 of Long-Term Agreement

**EXHIBIT F  
TO THE  
LONG-TERM POWER PURCHASE AGREEMENT**

**POINTS OF INJECTION**

This Exhibit F identifies the Points of Injection at which Seller will deliver Power for all transactions under this Agreement and the Delivery Limit of each such Point of Injection.

These Points of Injection may be modified from time to time by mutual agreement of the Parties.

<b><u>Purchase Power Contracts</u></b> <b>(Point of Injection)</b>	<b><u>Delivery Limit</u></b> <b>(MW)</b>
BPA Capacity Purchase	925.0
BPA Supplemental Capacity	3.8
Black Hills Capacity	100.0
CoGen/James River	52.0
Mid Columbia	424.3
Canadian Entitlement	0.0
CSPE	15.8
Colockum	102.7
Grant_County	14.0
PGE_Cove	1.5
IPC_Return	0.0
Q.F. Contracts - PP&L	63.0
TriState Purchase	50.0
South Idaho Exchange	0.0
APS Purchase	0.0
Tri State Exchange	50.0
SCE Purchase	422.0
BPA Exchange	0.0
Avista Summer Purchase	150.0
Avista Exchange	50.0
Gem State	22.0
GSLM	5.0
QF Contracts - UP&L	56.3
IPP Purchase	64.0
Hermiston Purchase	245.0
Deseret Annual	0.0
Deseret Monthly	0.0
Deseret Expansion	0.0
Deseret NF Purchase	0.0
APS Exchange	480.0
Hurricane Purchase	0.2

<u>Purchase Power Contracts</u> (Point of Injection)	<u>Delivery Limit</u> (MW)
Redding Exchange	21.5
TransAlta Purchase	400.0
Enron Purchase	25.0
LTF Reserves Purchases	0.0

Note: Delivery Limit is based on maximum deliveries allowed under the terms of each contract. Numbers shown are for 2003 contract levels as used in this filing. Point of Injection is pursuant to the terms of the Purchase Power Contract.

<u>Point of Injection*</u>	<u>Delivery Limit</u> (MW)
Blundell	23
Bridger	1,407
Carbon	175
Cholla	380
Colstrip	144
Craig	165
Dave Johnston	772
Gadsby	235
Hayden	78
Hermiston	245
Hunter	1,122
Huntington	895
Naughton	700
Wyodak	268
American Fork	0.95
Ashton	6.85
Bend	1.11
Bigfork	4.15
Clearwater 1	15.00
Clearwater 2	26.00
Cline Falls	1.00
Condit	9.60
Copco 1	20.00
Copco 2	27.00
Cove	7.50
Cutler	30.00
Eagle Point	2.81
East Side	3.20
Fall Creek	2.20
Fish Creek	11.00
Fountain Green	0.16
Grace	33.00
Granite	2.00
Gunlock	0.75

<u>Point of Injection*</u>	<u>Delivery Limit</u> (MW)
Iron Gate	18.00
JC Boyle	79.99
Last Chance	1.73
Lemolo 1	29.00
Lemolo 2	33.00
Merwin	136.00
Naches	6.37
Naches Drop	1.40
Olmsted	10.30
Oneida	30.00
Paris	0.72
Pioneer	5.00
Powerdale	6.00
Prospect 1	3.76
Prospect 2	32.00
Prospect 3	7.20
Prospect 4	1.00
Sand Cove	0.80
Skookumchuck	1.55
Slide Creek	18.00
Snake Creek	1.18
Soda	14.00
Soda Springs	11.00
St Anthony	0.50
Stairs	1.00
Swift 1	240.00
Toketee	42.50
Upper Beaver	2.52
Veyo	0.50
Viva Naughton	0.77
Wallowa Falls	1.10
Weber	3.85
West Side	0.60
Yale	134.00

\*Point of Injection is at Generator Bus Bar.

<u>Point of Injection</u>	<u>Delivery Limit</u> (MW)
Mid-Columbia	504 MW + Puget II
COB	272 MW + So Cal Edison (P) + SMUD + CDWR Sale + WAPA Sale + WAPA II Sale
4 Corners	510 MW + APPA AEPCO + So Cal

**Point of Injection**

**Delivery Limit**  
**(MW)**

Edison (U) + Tri State  
Exchange + APS Exchange  
+ APS Wheel - Cholla

Brady

APS Wheel

Palo Verde

350 MW - Cholla

NOB

200 MW

Note: The value associated with the named items under 'Delivery Limit' will be based on actual deliveries.