

PacifiCorp.: Expected Risk Premiums, 1978-1999

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Risk Premium									
Bond Yield _____ Based on: _____									
Single-A									
Expected Long-term Utility On On									
Return on Treasury Bond Treasury Utility									
Year	Stock	Bonds	Bond Rate	Rate	Rate	Rate	Rate	Rate	Rate
1978	12.25 %	7.94 %	8.64 %	4.31 %	3.61 %				
1979	12.86	8.88	9.70	3.98	3.16				
1980	14.88	10.12	11.79	4.76	3.09				
1981	15.35	12.40	14.63	2.95	0.72				
1982	14.99	13.45	16.29	1.54	-1.30				
1983	13.05	10.54	14.43	2.51	-1.38				
1984	11.53	11.88	13.52	-0.35	-1.99				
1985	12.55	11.52	13.11	1.03	-0.56				
1986	9.88	9.54	10.97	0.34	-1.09				
1987	10.72	7.37	9.12	3.35	1.60				
1988	11.57	9.12	10.98	2.45	0.59				
1989	8.55	9.01	10.06	-0.46	-1.51				
1990	6.96	7.90	9.44	-0.94	-2.48				
1991	10.81	8.24	9.73	2.57	1.08				
1992	10.04	7.50	8.88	2.54	1.16				
1993	11.86	7.44	8.43	4.42	3.43				
1994	9.79	6.25	7.34	3.54	2.45				
1995	9.23	7.87	8.76	1.36	0.47				
1996	7.95	6.06	7.23	1.89	0.72				
1997	9.28	6.55	7.59	2.73	1.69				
1998	8.47	5.99	7.16	2.48	1.31				
1999	9.76	5.06	6.78	4.70	2.98				

						Average		2.35 %		0.81 %
						Average Excl.				
						Negative Values		3.41 %		1.87 %

Source: Expected returns from Exhibit No. CCS 4.5, page 1 of 3.

30 year Government Bond Yields,▲i Federal Reserve Bulletin;
 Utility Bond Yields,▲_▲i▲_▼▲i Moody's Public Utility Manuals ▼ and
 ▲i Bond Survey.

		Interest Rates			
		30-YEAR			
Month:		T-Bonds	A	Baa	Baa-A
October		5.93	7.03	7.27	0.24
November		6.21	7.30	7.69	0.39
December		6.20	7.30	7.69	0.39
		6.11	7.21	7.55	0.34
December					
12/1		6.25	7.37	7.76	
12/2		6.28	7.34	7.73	
12/3		6.25	7.34	7.73	
12/6		6.16	7.27	7.66	
12/7		6.16	7.26	7.64	
12/8		6.16	7.26	7.64	
12/9		6.15	7.25	7.65	
		6.20	7.30	7.69	

Source: ▲i Moody's Bond Survey.