

ANALYSIS OF REALIZED RATES OF RETURN ON EQUITY  
FOR THE S&P ELECTRIC POWER COMPANIES

	S&P ELECTRIC COMPANIES (a)					S&P SINGLE-A PUBLIC UTILITY BONDS (b)				
	CLOSE PRICE	DIV	REALIZED RETURN			CLOSE YIELD	PRICE	REALIZED RETURN		
			ANN.	ARITH.	GEO.			ANN.	ARITH.	GEO.
1945	\$16.34					2.730%				
1946	\$15.53	\$0.73	-0.49%	-0.49%	-0.49%	2.719%	\$100.18	2.91%	2.91%	2.91%
1947	\$12.89	\$0.75	-12.17%	-6.33%	-6.51%	3.037%	\$94.87	-2.41%	0.25%	0.22%
1948	\$12.37	\$0.71	1.47%	-3.73%	-3.92%	3.048%	\$99.82	2.86%	1.12%	1.09%
1949	\$14.60	\$0.80	24.49%	3.33%	2.51%	2.696%	\$105.88	8.93%	3.07%	2.99%
1950	\$14.49	\$0.88	5.27%	3.72%	3.05%	2.814%	\$98.05	0.75%	2.61%	2.54%
1951	\$16.07	\$0.92	17.25%	5.97%	5.30%	3.314%	\$92.16	-5.03%	1.34%	1.24%
1952	\$18.28	\$0.95	19.66%	7.93%	7.24%	3.247%	\$101.06	4.37%	1.77%	1.68%
1953	\$18.97	\$0.99	9.19%	8.09%	7.48%	3.331%	\$98.68	1.93%	1.79%	1.71%
1954	\$22.39	\$1.03	23.46%	9.79%	9.15%	3.152%	\$102.85	6.18%	2.28%	2.20%
1955	\$24.06	\$1.09	12.33%	10.05%	9.46%	3.394%	\$96.23	-0.61%	1.99%	1.91%
1956	\$23.61	\$1.13	2.83%	9.39%	8.84%	4.186%	\$88.60	-8.01%	1.08%	0.97%
1957	\$24.85	\$1.19	10.29%	9.47%	8.96%	3.968%	\$103.20	7.39%	1.61%	1.49%
1958	\$33.14	\$1.24	38.35%	11.69%	10.98%	4.511%	\$92.42	-3.61%	1.20%	1.09%
1959	\$33.42	\$1.30	4.77%	11.19%	10.53%	4.799%	\$96.09	0.60%	1.16%	1.05%
1960	\$39.35	\$1.37	21.84%	11.90%	11.25%	4.635%	\$102.26	7.06%	1.55%	1.44%
1961	\$49.28	\$1.44	28.89%	12.97%	12.27%	4.663%	\$99.61	4.25%	1.72%	1.62%
1962	\$48.60	\$1.52	1.70%	12.30%	11.62%	4.330%	\$104.73	9.39%	2.17%	2.06%
1963	\$51.97	\$1.63	10.29%	12.19%	11.55%	4.510%	\$97.49	1.82%	2.15%	2.04%
1964	\$58.21	\$1.74	15.36%	12.36%	11.75%	4.468%	\$100.59	5.10%	2.31%	2.20%
1965	\$58.05	\$1.90	2.99%	11.89%	11.29%	4.860%	\$94.71	-0.82%	2.15%	2.05%
1966	\$53.49	\$2.04	-4.34%	11.12%	10.49%	5.606%	\$90.59	-4.55%	1.83%	1.73%
1967	\$49.90	\$2.16	-2.67%	10.49%	9.86%	6.497%	\$89.61	-4.78%	1.53%	1.42%
1968	\$51.95	\$2.27	8.66%	10.41%	9.80%	7.012%	\$94.25	0.75%	1.50%	1.39%
1969	\$42.65	\$2.33	-13.42%	9.42%	8.72%	8.433%	\$85.88	-7.11%	1.14%	1.02%
1970	\$45.62	\$2.40	12.59%	9.54%	8.87%	8.442%	\$99.91	8.34%	1.43%	1.30%
1971	\$44.18	\$2.47	2.26%	9.26%	8.61%	7.704%	\$107.78	16.22%	2.00%	1.84%
1972	\$43.50	\$2.53	4.19%	9.08%	8.45%	7.736%	\$99.66	7.37%	2.20%	2.04%
1973	\$32.85	\$2.51	-18.71%	8.08%	7.33%	8.104%	\$96.25	3.98%	2.26%	2.11%
1974	\$22.03	\$2.49	-25.36%	6.93%	6.00%	9.254%	\$89.27	-2.63%	2.09%	1.94%
1975	\$30.56	\$2.57	50.39%	8.38%	7.24%	9.625%	\$96.63	5.89%	2.22%	2.07%
1976	\$35.17	\$2.58	23.53%	8.87%	7.73%	8.366%	\$112.58	22.21%	2.86%	2.67%
1977	\$35.67	\$2.74	9.21%	8.88%	7.78%	8.810%	\$95.71	4.08%	2.90%	2.71%
1978	\$31.38	\$2.94	-3.78%	8.49%	7.41%	9.750%	\$91.55	0.36%	2.82%	2.64%
1979	\$28.44	\$3.10	0.51%	8.26%	7.20%	11.470%	\$86.31	-3.94%	2.62%	2.44%
1980	\$27.19	\$3.20	6.86%	8.22%	7.19%	13.394%	\$86.48	-2.05%	2.49%	2.31%
1981	\$29.33	\$3.42	20.45%	8.56%	7.54%	15.663%	\$86.06	-0.54%	2.41%	2.23%
1982	\$36.15	\$3.62	35.59%	9.29%	8.21%	12.206%	\$126.20	41.86%	3.47%	3.14%
1983	\$37.14	\$3.84	13.36%	9.40%	8.34%	12.950%	\$94.63	6.83%	3.56%	3.23%
1984	\$42.26	\$4.06	24.72%	9.79%	8.74%	12.394%	\$104.16	17.11%	3.91%	3.57%
1985	\$48.82	\$4.15	25.34%	10.18%	9.12%	10.538%	\$115.76	28.16%	4.52%	4.12%
1986	\$58.31	\$4.21	28.06%	10.61%	9.55%	9.120%	\$113.37	23.90%	4.99%	4.56%
1987	\$49.71	\$4.34	-7.31%	10.19%	9.12%	10.090%	\$91.49	0.61%	4.88%	4.47%
1988	\$53.87	\$4.37	17.16%	10.35%	9.30%	10.020%	\$100.62	10.71%	5.02%	4.61%
1989	\$66.55	\$4.28	31.48%	10.83%	9.76%	9.360%	\$106.11	16.13%	5.27%	4.86%
1990	\$63.47	\$4.45	2.06%	10.64%	9.58%	9.600%	\$97.82	7.18%	5.31%	4.91%
1991	\$77.25	\$4.57	28.91%	11.03%	9.97%	8.930%	\$106.41	16.01%	5.55%	5.14%
1992	\$76.78	\$4.68	5.45%	10.91%	9.87%	8.640%	\$102.84	11.77%	5.68%	5.27%
1993	\$81.71	\$4.74	12.59%	10.95%	9.92%	8.740%	\$99.03	7.67%	5.72%	5.32%
1994	\$66.30	\$4.68	-13.13%	10.46%	9.40%	8.680%	\$100.59	9.33%	5.79%	5.40%
1995	\$81.62	\$4.65	30.12%	10.85%	9.78%	7.970%	\$107.32	16.00%	6.00%	5.61%
1996	\$76.75	\$4.61	-0.32%	10.63%	9.57%	7.570%	\$104.26	12.23%	6.12%	5.73%
1997	\$91.49	\$4.46	25.02%	10.91%	9.85%	7.070%	\$105.55	13.12%	6.26%	5.87%
1998	\$100.86	\$4.39	<u>15.04%</u>	10.99%	<u>9.94%</u>	7.000%	\$100.78	<u>7.85%</u>	6.29%	<u>5.91%</u>
<b>AVERAGE 1946-1998</b>			<b>10.99%</b>		<b>9.94%</b>			<b>6.29%</b>		<b>5.91%</b>
<b>RISK PREMIUM</b>										
GEOMETRIC 4.04%										
ARITHMETIC <u>4.70%</u>										
AVERAGE <b>4.37%</b>										

(a) S&P's Security Price Index Record (1996), The Analysts' Handbook (1967, 1997, Monthly Supplement January 1998 & February 1999).

(b) S&P's Security Price Index Record (1996), Current Statistics (March 1998 & January 1999).