

**UTILITY GROUP**

Company	Market Return ( $R_m$ )											Unadjusted $K_e$	Market Cap	Size Adjustment	ECAPM Result
	(a)		(b)	(c)		(d)	(e)	(d)	(f)		(g)				
	Div Yield	Proj. Growth	Cost of Equity	Risk-Free Rate	Risk Premium	Unadjusted Weight	RP <sup>1</sup>	Beta	Adjusted Weight	RP <sup>2</sup>	Total RP				
1 ALLETE	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$3,500	0.93%	11.9%
2 Ameren Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.85	75%	5.0%	6.9%	10.7%	\$22,000	0.45%	11.2%
3 Avista Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$3,200	0.93%	11.9%
4 Black Hills Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.95	75%	5.6%	7.5%	11.3%	\$4,600	0.58%	11.9%
5 CenterPoint Energy	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	1.10	75%	6.4%	8.4%	12.2%	\$17,900	0.45%	12.6%
6 CMS Energy Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.80	75%	4.7%	6.6%	10.4%	\$17,400	0.45%	10.9%
7 Dominion Energy	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.80	75%	4.7%	6.6%	10.4%	\$52,200	-0.26%	10.2%
8 DTE Energy Co.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.95	75%	5.6%	7.5%	11.3%	\$22,900	0.45%	11.8%
9 Duke Energy Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.85	75%	5.0%	6.9%	10.7%	\$78,300	-0.26%	10.5%
10 Edison International	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.95	75%	5.6%	7.5%	11.3%	\$25,900	0.45%	11.8%
11 Emera Inc.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.70	75%	4.1%	6.0%	9.8%	\$14,300	0.45%	10.3%
12 Entergy Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.95	75%	5.6%	7.5%	11.3%	\$23,000	0.45%	11.8%
13 Exelon Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	n/a	75%	n/a	n/a	n/a	\$41,500	-0.26%	n/a
14 Hawaiian Elec.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.85	75%	5.0%	6.9%	10.7%	\$4,600	0.58%	11.3%
15 IDACORP, Inc.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.80	75%	4.7%	6.6%	10.4%	\$5,500	0.58%	11.0%
16 NorthWestern Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$3,400	0.93%	11.9%
17 OGE Energy Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	1.00	75%	5.9%	7.8%	11.6%	\$7,300	0.57%	12.2%
18 Otter Tail Corp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$3,000	0.93%	11.9%
19 Pinnacle West Capital	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$8,500	0.57%	11.6%
20 Pub Sv Enterprise Grp.	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$30,500	0.45%	11.5%
21 Sempra Energy	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.95	75%	5.6%	7.5%	11.3%	\$49,400	-0.26%	11.0%
22 Southern Company	2.1%	9.5%	11.6%	3.8%	7.8%	25%	2.0%	0.90	75%	5.3%	7.2%	11.0%	\$71,300	-0.26%	10.8%
<b>Average (h)</b>												<b>11.0%</b>			<b>11.4%</b>

- (a) Weighted average for dividend-paying stocks in the S&P 500 based on data from www.valueline.com (retrieved Mar. 16, 2023)..
- (b) Average of weighted average earnings growth rates from IBES, Value Line, and Zacks for dividend-paying stocks in the S&P 500 based on data from Refinitiv, as provided by fidelity.com (retrieved Mar. 16, 2023), www.valueline.com (retrieved Mar. 16, 2023), and www.zacks.com (retrieved Mar. 16, 2023). Eliminated growth rates that were greater than 20%, as well as all negative values.
- (c) Average yield on 30-year Treasury bonds for six-months ending Mar. 2023 based on data from Moody's Investors Service.
- (d) Roger A. Morin, *New Regulatory Finance*, Pub. Util. Reports, Inc. (2006) at 190.
- (e) The Value Line Investment Survey, Summary & Index (Mar. 31, 2023).
- (f) The Value Line Investment Survey (Jan. 20, Feb. 10 and Mar. 10, 2023).
- (g) Kroll, 2023 Supplementary CRSP Decile Size Study Data Exhibits.
- (h) Excludes highlighted values.