

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-15_____

DOCKET NO. UG-15_____

EXHIBIT NO._____(AMM-7)

ADRIEN M. MCKENZIE

REPRESENTING AVISTA CORPORATION

BR+SV GROWTH RATE

	(a)	(a)	(a)			(b)	(c)		(d)	(e)		
	----- 2018 -----					Adjustment			----- "sv" Factor -----			
<u>Company</u>	<u>EPS</u>	<u>DPS</u>	<u>BVPS</u>	<u>b</u>	<u>r</u>	<u>Factor</u>	<u>Adjusted r</u>	<u>br</u>	<u>s</u>	<u>v</u>	<u>sv</u>	<u>br + sv</u>
1 ALLETE	\$3.75	\$2.30	\$40.50	38.7%	9.3%	1.0405	9.6%	3.7%	0.0472	0.2286	1.08%	4.8%
2 Ameren Corp.	\$3.00	\$1.80	\$32.00	40.0%	9.4%	1.0208	9.6%	3.8%	0.0095	0.2000	0.19%	4.0%
3 American Elec Pwr	\$4.00	\$2.50	\$40.25	37.5%	9.9%	1.0220	10.2%	3.8%	0.0057	0.2682	0.15%	4.0%
4 Avista Corp.	\$2.25	\$1.50	\$26.50	33.3%	8.5%	1.0244	8.7%	2.9%	0.0090	0.1167	0.10%	3.0%
5 Black Hills Corp.	\$3.25	\$1.90	\$35.50	41.5%	9.2%	1.0218	9.4%	3.9%	0.0078	0.2900	0.23%	4.1%
6 CMS Energy Corp.	\$2.25	\$1.35	\$17.25	40.0%	13.0%	1.0338	13.5%	5.4%	0.0215	0.4250	0.92%	6.3%
7 DTE Energy Co.	\$5.25	\$3.30	\$55.50	37.1%	9.5%	1.0295	9.7%	3.6%	0.0199	0.2345	0.47%	4.1%
8 Duke Energy Corp.	\$5.25	\$3.45	\$64.50	34.3%	8.1%	1.0101	8.2%	2.8%	0.0016	0.1103	0.02%	2.8%
9 Edison International	\$4.50	\$2.05	\$42.75	54.4%	10.5%	1.0336	10.9%	5.9%	-	0.2565	0.00%	5.9%
10 El Paso Electric	\$2.75	\$1.35	\$28.75	50.9%	9.6%	1.0198	9.8%	5.0%	(0.0019)	0.2813	-0.05%	4.9%
11 Empire District Elec	\$1.75	\$1.15	\$20.00	34.3%	8.8%	1.0237	9.0%	3.1%	0.0200	0.1111	0.22%	3.3%
12 Great Plains Energy	\$2.00	\$1.20	\$25.75	40.0%	7.8%	1.0156	7.9%	3.2%	0.0033	(0.0300)	-0.01%	3.1%
13 IDACORP, Inc.	\$3.75	\$2.20	\$44.90	41.3%	8.4%	1.0206	8.5%	3.5%	(0.0001)	0.1448	0.00%	3.5%
14 NorthWestern Corp.	\$3.00	\$1.90	\$32.25	36.7%	9.3%	1.0225	9.5%	3.5%	0.0064	0.2412	0.15%	3.6%
15 Otter Tail Corp.	\$2.30	\$1.30	\$18.15	43.5%	12.7%	1.0306	13.1%	5.7%	0.0381	0.4814	1.84%	7.5%
16 PG&E Corp.	\$3.00	\$2.10	\$36.50	30.0%	8.2%	1.0242	8.4%	2.5%	0.0226	0.1889	0.43%	3.0%
17 Portland General Elec.	\$2.50	\$1.40	\$29.00	44.0%	8.6%	1.0360	8.9%	3.9%	0.0298	0.0333	0.10%	4.0%
18 Sempra Energy	\$6.50	\$3.40	\$56.25	47.7%	11.6%	1.0248	11.8%	5.6%	0.0106	0.4231	0.45%	6.1%
19 TECO Energy	\$1.40	\$1.00	\$12.00	28.6%	11.7%	1.0185	11.9%	3.4%	0.0270	0.4286	1.16%	4.6%
20 UIL Holdings	\$2.75	\$1.73	\$29.05	37.1%	9.5%	1.0204	9.7%	3.6%	-	0.3165	0.00%	3.6%
21 Westar Energy	\$2.90	\$1.60	\$29.65	44.8%	9.8%	1.0266	10.0%	4.5%	0.0148	0.3024	0.45%	4.9%

BR+SV GROWTH RATE

	(a)	(a)	(f)	(a)	(a)	(f)	(g)	(a)	(a)		(h)	(a)	(a)	(g)
	----- 2013 -----			----- 2018 -----			Chg	----- 2018 Price -----				---- Common Shares ----		
<u>Company</u>	<u>Eq Ratio</u>	<u>Tot Cap</u>	<u>Com Eq</u>	<u>Eq Ratio</u>	<u>Tot Cap</u>	<u>Com Eq</u>	<u>Equity</u>	<u>High</u>	<u>Low</u>	<u>Avg.</u>	<u>M/B</u>	<u>2013</u>	<u>2018</u>	<u>Growth</u>
1 ALLETE	55.4%	\$2,426	\$1,344	58.0%	\$3,475	\$2,016	8.4%	\$60.00	\$45.00	\$52.50	1.296	41.40	49.50	3.64%
2 Ameren Corp.	53.7%	\$12,190	\$6,546	53.0%	\$15,200	\$8,056	4.2%	\$45.00	\$35.00	\$40.00	1.250	242.63	252.00	0.76%
3 American Elec Pwr	48.9%	\$32,913	\$16,094	48.0%	\$41,800	\$20,064	4.5%	\$65.00	\$45.00	\$55.00	1.366	487.78	498.00	0.42%
4 Avista Corp.	48.6%	\$2,670	\$1,297	48.0%	\$3,450	\$1,656	5.0%	\$35.00	\$25.00	\$30.00	1.132	60.08	62.50	0.79%
5 Black Hills Corp.	48.4%	\$2,705	\$1,309	46.5%	\$3,500	\$1,628	4.5%	\$60.00	\$40.00	\$50.00	1.408	44.50	45.75	0.56%
6 CMS Energy Corp.	32.2%	\$10,730	\$3,455	37.0%	\$13,100	\$4,847	7.0%	\$35.00	\$25.00	\$30.00	1.739	266.10	283.00	1.24%
7 DTE Energy Co.	52.3%	\$15,135	\$7,916	49.0%	\$21,700	\$10,633	6.1%	\$85.00	\$60.00	\$72.50	1.306	177.09	191.00	1.52%
8 Duke Energy Corp.	52.0%	\$79,482	\$41,331	47.5%	\$96,300	\$45,743	2.0%	\$85.00	\$60.00	\$72.50	1.124	706.00	711.00	0.14%
9 Edison International	46.2%	\$21,516	\$9,940	49.0%	\$28,400	\$13,916	7.0%	\$65.00	\$50.00	\$57.50	1.345	325.81	325.81	0.00%
10 El Paso Electric	48.6%	\$1,944	\$945	47.5%	\$2,425	\$1,152	4.0%	\$45.00	\$35.00	\$40.00	1.391	40.27	40.00	-0.13%
11 Empire District Elec	50.2%	\$1,494	\$750	50.0%	\$1,900	\$950	4.8%	\$25.00	\$20.00	\$22.50	1.125	43.04	47.00	1.78%
12 Great Plains Energy	49.4%	\$7,029	\$3,472	56.0%	\$7,250	\$4,060	3.2%	\$30.00	\$20.00	\$25.00	0.971	153.87	156.50	0.34%
13 IDACORP, Inc.	53.4%	\$3,466	\$1,851	51.5%	\$4,415	\$2,274	4.2%	\$60.00	\$45.00	\$52.50	1.169	50.23	50.20	-0.01%
14 NorthWestern Corp.	46.5%	\$2,216	\$1,030	58.0%	\$2,225	\$1,291	4.6%	\$50.00	\$35.00	\$42.50	1.318	38.75	39.70	0.49%
15 Otter Tail Corp.	57.9%	\$924	\$535	51.0%	\$1,425	\$727	6.3%	\$40.00	\$30.00	\$35.00	1.928	36.27	40.00	1.98%
16 PG&E Corp.	52.5%	\$27,311	\$14,338	51.0%	\$35,800	\$18,258	5.0%	\$55.00	\$35.00	\$45.00	1.233	456.67	500.00	1.83%
17 Portland General Elec.	48.7%	\$3,735	\$1,819	55.5%	\$4,700	\$2,609	7.5%	\$35.00	\$25.00	\$30.00	1.034	78.09	90.00	2.88%
18 Sempra Energy	49.4%	\$22,281	\$11,007	48.0%	\$29,400	\$14,112	5.1%	\$110.00	\$85.00	\$97.50	1.733	244.46	252.00	0.61%
19 TECO Energy	45.1%	\$5,172	\$2,332	42.5%	\$6,600	\$2,805	3.8%	\$25.00	\$17.00	\$21.00	1.750	217.30	234.60	1.54%
20 UIL Holdings	44.0%	\$3,078	\$1,354	42.0%	\$3,955	\$1,661	4.2%	\$50.00	\$35.00	\$42.50	1.463	56.75	56.75	0.00%
21 Westar Energy	50.0%	\$6,131	\$3,066	50.0%	\$8,000	\$4,000	5.5%	\$50.00	\$35.00	\$42.50	1.433	128.25	135.00	1.03%

- (a) The Value Line Investment Survey (Oct. 31, Nov. 21, & Dec. 19, 2014).
- (b) Computed using the formula $2 \times (1+5\text{-Yr. Change in Equity}) / (2+5 \text{ Yr. Change in Equity})$.
- (c) Product of average year-end "r" for 2018 and Adjustment Factor.
- (d) Product of change in common shares outstanding and M/B Ratio.
- (e) Computed as $1 - B/M$ Ratio.
- (f) Product of total capital and equity ratio.
- (g) Five-year rate of change.
- (h) Average of High and Low expected market prices divided by 2018 BVPS.