

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-16_____

DOCKET NO. UG-16_____

EXHIBIT NO. ____ (AMM-7)

ADRIEN M. MCKENZIE

REPRESENTING AVISTA CORPORATION

BR+SV GROWTH RATE

	(a)	(a)	(a)			(b)	(c)		(d)	(e)		
	----- 2019 -----					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	\$4.00	\$2.30	\$43.50	42.5%	9.2%	1.0299	9.5%	4.0%	0.0208	0.1714	0.36%	4.4%
2 Ameren Corp.	\$3.50	\$1.95	\$34.00	44.3%	10.3%	1.0206	10.5%	4.7%	-	0.2000	0.00%	4.7%
3 American Elec Pwr	\$4.25	\$2.65	\$42.25	37.6%	10.1%	1.0229	10.3%	3.9%	0.0061	0.2958	0.18%	4.1%
4 Avista Corp.	\$2.25	\$1.56	\$27.25	30.7%	8.3%	1.0180	8.4%	2.6%	0.0132	0.2214	0.29%	2.9%
5 CMS Energy Corp.	\$2.25	\$1.50	\$17.75	33.3%	12.7%	1.0330	13.1%	4.4%	0.0138	0.4929	0.68%	5.0%
6 DTE Energy Co.	\$5.75	\$3.50	\$59.00	39.1%	9.7%	1.0310	10.0%	3.9%	0.0216	0.2387	0.51%	4.4%
7 Edison International	\$5.25	\$2.45	\$44.00	53.3%	11.9%	1.0270	12.3%	6.5%	-	0.3714	0.00%	6.5%
8 El Paso Electric	\$2.75	\$1.40	\$29.50	49.1%	9.3%	1.0208	9.5%	4.7%	0.0049	0.2625	0.13%	4.8%
9 Great Plains Energy	\$2.00	\$1.20	\$26.75	40.0%	7.5%	1.0145	7.6%	3.0%	0.0018	0.0273	0.00%	3.0%
10 IDACORP, Inc.	\$4.25	\$2.45	\$47.05	42.4%	9.0%	1.0199	9.2%	3.9%	0.0002	0.3279	0.01%	3.9%
11 NorthWestern Corp.	\$3.75	\$2.25	\$38.25	40.0%	9.8%	1.0245	10.0%	4.0%	0.0134	0.2714	0.36%	4.4%
12 Otter Tail Corp.	\$2.25	\$1.32	\$18.10	41.3%	12.4%	1.0283	12.8%	5.3%	0.0541	0.5475	2.96%	8.2%
13 PG&E Corp.	\$4.25	\$2.20	\$41.75	48.2%	10.2%	1.0325	10.5%	5.1%	0.0214	0.1650	0.35%	5.4%
14 Portland General Elec.	\$2.75	\$1.50	\$29.75	45.5%	9.2%	1.0342	9.6%	4.3%	0.0326	0.1500	0.49%	4.8%
15 Sempra Energy	\$7.50	\$3.40	\$60.75	54.7%	12.3%	1.0318	12.7%	7.0%	0.0150	0.4600	0.69%	7.7%
16 Westar Energy	\$3.10	\$1.70	\$28.55	45.2%	10.9%	1.0128	11.0%	5.0%	0.0551	0.3989	2.20%	7.2%

BR+SV GROWTH RATE

	(a)	(a)	(f)	(a)	(a)	(f)	(g)	(a)	(a)		(h)	(a)	(a)	(g)
	----- 2014 -----			----- 2019 -----			Chg	----- 2019 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>2014</u>	<u>2019</u>	<u>Growth</u>
1 ALLETE	55.8%	\$2,882	\$1,608	59.0%	\$3,675	\$2,168	6.2%	\$60.00	\$45.00	\$52.50	1.207	45.90	50.00	1.73%
2 Ameren Corp.	51.7%	\$12,975	\$6,708	52.5%	\$15,700	\$8,243	4.2%	\$50.00	\$35.00	\$42.50	1.250	242.63	242.63	0.00%
3 American Elec Pwr	51.0%	\$33,001	\$16,831	51.0%	\$41,500	\$21,165	4.7%	\$70.00	\$50.00	\$60.00	1.420	489.40	500.00	0.43%
4 Avista Corp.	49.0%	\$3,027	\$1,483	48.0%	\$3,700	\$1,776	3.7%	\$40.00	\$30.00	\$35.00	1.284	62.24	65.50	1.03%
5 CMS Energy Corp.	31.0%	\$11,846	\$3,672	35.0%	\$14,600	\$5,110	6.8%	\$40.00	\$30.00	\$35.00	1.972	275.20	285.00	0.70%
6 DTE Energy Co.	50.0%	\$16,670	\$8,335	49.0%	\$23,200	\$11,368	6.4%	\$90.00	\$65.00	\$77.50	1.314	176.99	192.00	1.64%
7 Edison International	47.2%	\$23,216	\$10,958	49.0%	\$29,300	\$14,357	5.6%	\$80.00	\$60.00	\$70.00	1.591	325.81	325.81	0.00%
8 El Paso Electric	46.5%	\$2,118	\$985	44.5%	\$2,725	\$1,213	4.2%	\$45.00	\$35.00	\$40.00	1.356	40.36	41.10	0.36%
9 Great Plains Energy	50.4%	\$7,113	\$3,585	51.5%	\$8,050	\$4,146	2.9%	\$35.00	\$20.00	\$27.50	1.028	154.16	155.50	0.17%
10 IDACORP, Inc.	54.7%	\$3,568	\$1,951	55.0%	\$4,330	\$2,382	4.1%	\$80.00	\$60.00	\$70.00	1.488	50.27	50.30	0.01%
11 NorthWestern Corp.	46.6%	\$3,168	\$1,476	49.0%	\$3,850	\$1,887	5.0%	\$65.00	\$40.00	\$52.50	1.373	46.91	49.25	0.98%
12 Otter Tail Corp.	53.5%	\$1,071	\$573	53.0%	\$1,435	\$761	5.8%	\$50.00	\$30.00	\$40.00	2.210	37.22	42.00	2.45%
13 PG&E Corp.	50.7%	\$31,050	\$15,742	51.5%	\$42,300	\$21,785	6.7%	\$60.00	\$40.00	\$50.00	1.198	475.91	520.00	1.79%
14 Portland General Elec.	47.3%	\$4,037	\$1,910	50.5%	\$5,325	\$2,689	7.1%	\$40.00	\$30.00	\$35.00	1.176	78.23	89.70	2.77%
15 Sempra Energy	48.2%	\$23,513	\$11,333	49.0%	\$31,800	\$15,582	6.6%	\$135.00	\$90.00	\$112.50	1.852	246.33	256.50	0.81%
16 Westar Energy	50.0%	\$6,596	\$3,298	50.0%	\$7,500	\$3,750	2.6%	\$55.00	\$40.00	\$47.50	1.664	131.69	155.00	3.31%

- (a) The Value Line Investment Survey (Nov. 20 & Dec. 18, 2015; Jan. 29, 2016).
- (b) Computed using the formula $2 * (1 + 5\text{-Yr. Change in Equity}) / (2 + 5 \text{ Yr. Change in Equity})$.
- (c) Product of average year-end "r" for 2019 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 2019 BVPS.