

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-20 _____

DOCKET NO. UG-20 _____

EXH. AMM-7

ADRIEN M. MCKENZIE

REPRESENTING AVISTA CORPORATION

DCF MODEL - UTILITY GROUP

BR+SV GROWTH RATE

	<u>Company</u>	(a)	(a)	(a)	(b)				(c)	(d)			(e)
		2024			Adjustment				br	"sv" Factor			br + sv
		EPS	DPS	BVPS	b	r	Factor	Adjusted r		s	v	sv	
1	Algonquin Pwr & Util	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2	ALLETE	\$4.25	\$2.90	\$51.75	31.8%	8.2%	1.0233	8.4%	2.7%	0.0145	0.3323	0.48%	3.2%
3	Ameren Corp.	\$4.50	\$2.45	\$44.50	45.6%	10.1%	1.0398	10.5%	4.8%	0.0303	0.3862	1.17%	6.0%
4	Avangrid, Inc.	\$2.50	\$1.80	\$51.75	28.0%	4.8%	1.0048	4.9%	1.4%	(0.0000)	(0.2176)	0.00%	1.4%
5	Avista Corp.	\$2.50	\$1.90	\$31.75	24.0%	7.9%	1.0182	8.0%	1.9%	0.0277	0.3952	1.10%	3.0%
6	Black Hills Corp.	\$4.25	\$2.75	\$46.75	35.3%	9.1%	1.0232	9.3%	3.3%	0.0134	0.3968	0.53%	3.8%
7	CenterPoint Energy	\$1.60	\$0.80	\$15.25	50.0%	10.5%	1.0384	10.9%	5.4%	0.0700	0.2907	2.04%	7.5%
8	CMS Energy Corp.	\$3.50	\$2.15	\$25.50	38.6%	13.7%	1.0429	14.3%	5.5%	0.0283	0.6077	1.72%	7.2%
9	DTE Energy Co.	\$8.50	\$5.20	\$79.25	38.8%	10.7%	1.0326	11.1%	4.3%	0.0229	0.4339	0.99%	5.3%
10	Edison International	\$5.25	\$3.00	\$46.50	42.9%	11.3%	1.0285	11.6%	5.0%	0.0150	0.4188	0.63%	5.6%
11	Emera Inc.	\$4.00	\$2.76	\$44.95	31.0%	8.9%	1.0257	9.1%	2.8%	0.0252	0.3800	0.96%	3.8%
12	Entergy Corp.	\$7.00	\$4.55	\$64.00	35.0%	10.9%	1.0267	11.2%	3.9%	0.0204	0.4776	0.97%	4.9%
13	Exelon Corp.	\$3.50	\$1.90	\$40.25	45.7%	8.7%	1.0220	8.9%	4.1%	0.0043	0.1950	0.08%	4.1%
14	FirstEnergy Corp.	\$3.25	\$1.90	\$20.50	41.5%	15.9%	1.0535	16.7%	6.9%	0.0345	0.5900	2.04%	9.0%
15	Hawaiian Elec.	\$2.00	\$1.40	\$24.50	30.0%	8.2%	1.0203	8.3%	2.5%	0.0130	0.3000	0.39%	2.9%
16	IDACORP, Inc.	\$5.50	\$3.55	\$58.00	35.5%	9.5%	1.0167	9.6%	3.4%	(0.0001)	0.4200	-0.01%	3.4%
17	NorthWestern Corp.	\$3.75	\$2.80	\$45.75	25.3%	8.2%	1.0169	8.3%	2.1%	0.0162	0.3900	0.63%	2.7%
18	OGE Energy Corp.	\$2.50	\$1.95	\$20.50	22.0%	12.2%	0.9992	12.2%	2.7%	(0.0002)	0.5684	-0.01%	2.7%
19	Otter Tail Corp.	\$2.75	\$1.80	\$23.25	34.5%	11.8%	1.0227	12.1%	4.2%	0.0203	0.5571	1.13%	5.3%
20	PNM Resources	\$2.75	\$1.50	\$29.25	45.5%	9.4%	1.0468	9.8%	4.5%	0.0450	0.3500	1.57%	6.0%
21	Sempra Energy	\$9.50	\$5.60	\$88.75	41.1%	10.7%	1.0533	11.3%	4.6%	0.0578	0.4621	2.67%	7.3%

BR+SV GROWTH RATE

	<u>Company</u>	(a)	(a)	(f)	(a)	(a)	(f)	(g)	(a)	(a)	(h)	(a)	(a)	(g)	
		<u>2019</u>			<u>2024</u>			<u>Chg</u>	<u>2024</u>			<u>Common Shares</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>2019</u>	<u>2024</u>	<u>Growth</u>
1	Algonquin Pwr & Util	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
2	ALLETE	61.4%	\$3,633	\$2,231	59.0%	\$4,775	\$2,817	4.8%	\$90.00	\$65.00	\$77.50	1.498	51.70	54.25	0.97%
3	Ameren Corp.	47.1%	\$17,116	\$8,062	49.0%	\$24,500	\$12,005	8.3%	\$85.00	\$60.00	\$72.50	1.629	246.20	270.00	1.86%
4	Avangrid, Inc.	69.4%	\$21,953	\$15,235	57.5%	\$27,800	\$15,985	1.0%	\$50.00	\$35.00	\$42.50	0.821	309.01	309.00	0.00%
5	Avista Corp.	50.6%	\$3,835	\$1,940	49.0%	\$4,750	\$2,328	3.7%	\$60.00	\$45.00	\$52.50	1.654	67.18	73.00	1.68%
6	Black Hills Corp.	42.9%	\$5,502	\$2,360	48.0%	\$6,200	\$2,976	4.7%	\$90.00	\$65.00	\$77.50	1.658	61.48	64.00	0.81%
7	CenterPoint Energy	29.1%	\$22,603	\$6,577	42.0%	\$23,000	\$9,660	8.0%	\$25.00	\$18.00	\$21.50	1.410	502.24	640.00	4.97%
8	CMS Energy Corp.	29.4%	\$17,082	\$5,022	32.0%	\$24,100	\$7,712	9.0%	\$75.00	\$55.00	\$65.00	2.549	283.86	300.00	1.11%
9	DTE Energy Co.	42.3%	\$27,607	\$11,678	41.5%	\$39,000	\$16,185	6.7%	\$160.00	\$120.00	\$140.00	1.767	192.21	205.00	1.30%
10	Edison International	39.9%	\$33,360	\$13,311	37.5%	\$47,200	\$17,700	5.9%	\$95.00	\$65.00	\$80.00	1.720	361.99	378.00	0.87%
11	Emera Inc.	38.5%	\$22,245	\$8,566	46.4%	\$23,875	\$11,075	5.3%	\$85.00	\$60.00	\$72.50	1.613	242.48	262.00	1.56%
12	Entergy Corp.	37.1%	\$27,557	\$10,224	39.5%	\$33,800	\$13,351	5.5%	\$140.00	\$105.00	\$122.50	1.914	199.15	210.00	1.07%
13	Exelon Corp.	50.4%	\$63,943	\$32,227	50.0%	\$80,300	\$40,150	4.5%	\$60.00	\$40.00	\$50.00	1.242	973.00	990.00	0.35%
14	FirstEnergy Corp.	26.2%	\$26,593	\$6,967	34.0%	\$35,000	\$11,900	11.3%	\$60.00	\$40.00	\$50.00	2.439	540.65	580.00	1.42%
15	Hawaiian Elec.	54.6%	\$4,177	\$2,281	51.5%	\$5,425	\$2,794	4.1%	\$40.00	\$30.00	\$35.00	1.429	108.97	114.00	0.91%
16	IDACORP, Inc.	58.7%	\$4,201	\$2,466	53.5%	\$5,450	\$2,916	3.4%	\$115.00	\$85.00	\$100.00	1.724	50.42	50.40	-0.01%
17	NorthWestern Corp.	47.5%	\$4,290	\$2,038	50.0%	\$4,825	\$2,413	3.4%	\$85.00	\$65.00	\$75.00	1.639	50.45	53.00	0.99%
18	OGE Energy Corp.	56.4%	\$7,335	\$4,137	51.0%	\$8,050	\$4,106	-0.2%	\$55.00	\$40.00	\$47.50	2.317	200.10	200.00	-0.01%
19	Otter Tail Corp.	53.1%	\$1,471	\$781	53.0%	\$1,850	\$981	4.7%	\$60.00	\$45.00	\$52.50	2.258	40.16	42.00	0.90%
20	PNM Resources	39.9%	\$4,208	\$1,679	49.0%	\$5,475	\$2,683	9.8%	\$55.00	\$35.00	\$45.00	1.538	79.65	92.00	2.92%
21	Sempra Energy	43.4%	\$40,734	\$17,679	51.5%	\$58,500	\$30,128	11.3%	\$190.00	\$140.00	\$165.00	1.859	291.71	340.00	3.11%

- (a) The Value Line Investment Survey (Jul. 24, Aug. 14 and Sep. 11, 2020).
- (h) Average of High and Low expected market prices divided by 2024 BVPS.
- (e) Computed as 1 - B/M Ratio.
- (b) Computed using the formula $2 * (1 + 5\text{-Yr. Change in Equity}) / (2 + 5 \text{ Yr. Change in Equity})$.
- (g) Five-year compound rate of change.
- (c) Product of average year-end "r" for 2024 and Adjustment Factor.
- (d) Product of change in common shares outstanding and M/B Ratio.
- (f) Product of total capital and equity ratio.