

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-19 _____

DOCKET NO. UG-19 _____

EXH. AMM-13

ADRIEN M. MCKENZIE

REPRESENTING AVISTA CORPORATION

ELECTRIC & GAS UTILITIES

No.	Sym	Company	(1) Date	(2) Shares Issued	(3) Offering Price	(4) Underwriting Discount (per share)	(5) Underwriting Discount	(6) Offering Expense	(7) Total Flotation Costs	(8) Gross Proceeds Before Flot. Costs	(9) Flotation Cost (%)
1	ALE	ALLETE	2/27/2014	3,220,000	\$49.75	\$1.74125	\$5,606,825	\$450,000	\$6,056,825	\$160,195,000	3.781%
2	LNT	Alliant Energy	12/14/2018	7,268,673	\$44.85	\$0.52000	\$3,779,710	\$1,000,000	\$4,779,710	\$325,999,984	1.466%
3	AEE	Ameren Corp.	9/10/2009	21,850,000	\$25.25	\$0.75750	\$16,551,375	\$450,000	\$17,001,375	\$551,712,500	3.082%
4	AEP	American Elec Pwr	4/2/2009	69,000,000	\$24.50	\$0.73500	\$50,715,000	\$400,000	\$51,115,000	\$1,690,500,000	3.024%
5	AGR	AVANGRID, Inc.					N/A				
6	AVA	Avista Corp.	12/13/2006	3,162,500	\$25.05	\$0.48000	\$1,518,000	\$300,000	\$1,818,000	\$79,220,625	2.295%
7	BKH	Black Hills Corp.	11/19/2015	6,325,000	\$40.25	\$1.40875	\$8,910,344	\$1,200,000	\$10,110,344	\$254,581,250	3.971%
8	CNP	CenterPoint Energy	9/27/2018	60,550,459	\$27.25	\$0.75000	\$45,412,844	\$1,000,000	\$46,412,844	\$1,650,000,008	2.813%
9	CMS	CMS Energy Corp.	3/31/2005	23,000,000	\$12.25	\$0.42880	\$9,862,400	\$325,000	\$10,187,400	\$281,750,000	3.616%
10	ED	Consolidated Edison	11/15/2018	13,636,363	\$77.00	\$1.46300	\$19,949,999	\$640,000	\$20,589,999	\$1,049,999,951	1.961%
11	D	Dominion Energy (a)	3/29/2018	20,000,000	\$67.33	\$1.89420	\$37,884,000	\$450,000	\$38,334,000	\$1,346,516,000	2.847%
12	DTE	DTE Energy Co.	6/20/2002	6,325,000	\$43.25	\$1.40560	\$8,890,420	\$250,000	\$9,140,420	\$273,556,250	3.341%
13	DUK	Duke Energy Corp. (a)	3/8/2018	18,500,000	\$74.07	\$1.78800	\$33,078,000	\$450,000	\$33,528,000	\$1,370,332,000	2.447%
14	EIX	Edison International					N/A				
15	EE	El Paso Electric Co.					N/A				
16	ETR	Entergy Corp.	6/8/2018	13,289,037	\$75.25	\$0.80000	\$10,631,230	\$650,000	\$11,281,230	\$1,000,000,034	1.128%
17	EVRG	Evergy Inc.					N/A				
18	ES	Eversource Energy	3/17/2009	18,975,000	\$20.20	\$0.65650	\$12,457,088	\$350,000	\$12,807,088	\$383,295,000	3.341%
19	EXC	Exelon Corp.	6/13/2014	57,500,000	\$35.00	\$1.05000	\$60,375,000	\$600,000	\$60,975,000	\$2,012,500,000	3.030%
20	FE	FirstEnergy Corp.	9/15/2003	32,200,000	\$30.00	\$0.97500	\$31,395,000	\$423,000	\$31,818,000	\$966,000,000	3.294%
21	FTS	Fortis Inc.					N/A				
22	HE	Hawaiian Elec.	3/20/2013	7,000,000	\$26.75	\$1.00312	\$7,021,840	\$450,000	\$7,471,840	\$187,250,000	3.990%
23	IDA	IDACORP, Inc.	12/10/2004	4,025,000	\$30.00	\$1.20000	\$4,830,000	\$300,000	\$5,130,000	\$120,750,000	4.248%
24	MGEE	MGE Energy	9/10/2004	1,265,000	\$31.85	\$1.03500	\$1,309,275	\$125,000	\$1,434,275	\$40,290,250	3.560%
25	NEE	NextEra Energy, Inc. (a)	11/3/2016	13,800,000	\$124.00	\$1.89000	\$26,082,000	\$750,000	\$26,832,000	\$1,711,200,000	1.568%
26	NWE	NorthWestern Corp. (a)	9/30/2015	1,100,000	\$51.81	\$1.33000	\$1,463,000	\$1,000,000	\$2,463,000	\$56,991,000	4.322%
27	OGE	OGE Energy Corp.	8/22/2003	5,324,074	\$21.60	\$0.79000	\$4,206,018	\$325,000	\$4,531,018	\$114,999,998	3.940%
28	OTTR	Otter Tail Corp.					N/A				
29	PCG	PG&E Corp. (a)	8/17/2016	4,900,000	\$63.15	\$0.30000	\$1,470,000	\$175,000	\$1,645,000	\$309,435,000	0.532%
30	PNW	Pinnacle West Capital	4/9/2010	6,900,000	\$38.00	\$1.33000	\$9,177,000	\$190,000	\$9,367,000	\$262,200,000	3.572%
31	PNM	PNM Resources	12/7/2006	5,750,000	\$30.79	\$1.07800	\$6,198,500	\$250,000	\$6,448,500	\$177,042,500	3.642%
32	POR	Portland General Elec.	6/13/2013	12,765,000	\$29.50	\$0.95875	\$12,238,444	\$600,000	\$12,838,444	\$376,567,500	3.409%
33	PPL	PPL Corp.	5/10/2018	55,000,000	\$27.00	\$0.29430	\$16,186,500	\$1,000,000	\$17,186,500	\$1,485,000,000	1.157%
34	PEG	Pub Sv Enterprise Grp.	10/2/2003	9,487,500	\$41.75	\$1.25250	\$11,883,094	\$350,000	\$12,233,094	\$396,103,125	3.088%
35	SRE	Sempra Energy	1/5/2018	26,869,158	\$107.00	\$1.92600	\$51,749,998	\$1,500,000	\$53,249,998	\$2,874,999,906	1.852%
36	SO	Southern Company (a)	8/18/2016	32,500,000	\$49.30	\$1.66000	\$53,950,000	\$557,000	\$54,507,000	\$1,602,250,000	3.402%
37	VVC	Vectren Corp.	2/26/2007	5,290,000	\$28.33	\$0.99000	\$5,237,100	\$425,000	\$5,662,100	\$149,865,700	3.778%
38	WEC	WEC Energy Group					N/A				
39	XEL	Xcel Energy Inc. (a)	11/9/2018	8,138,351	\$49.00	\$0.50000	\$4,069,176	\$650,000	\$4,719,176	\$398,779,199	1.183%
		Average									2.896%
1	ATO	Atmos Energy Corp.	11/30/2018	7,008,087	\$92.75	\$0.97690	\$6,846,200	\$1,000,000	\$7,846,200	\$650,000,069	1.207%
2	CPK	Chesapeake Utilities	9/23/2016	960,488	\$62.26	\$2.33000	\$2,237,937	\$162,046	\$2,399,983	\$59,799,983	4.013%
3	NJR	New Jersey Resources					N/A				
4	NI	NiSource Inc.	5/3/2017	N/A	N/A	N/A	\$10,000,000	\$57,950	\$10,057,950	\$500,000,000	2.012%
5	NWN	Northwest Nat. Holding Co.	11/10/2016	1,012,000	\$54.63	\$2.05000	\$2,074,600	\$250,000	\$2,324,600	\$55,285,560	4.205%
6	OGS	ONE Gas, Inc.					N/A				
7	SJI	South Jersey Industries	4/20/2018	11,016,949	\$29.50	\$1.03250	\$11,375,000	\$700,000	\$12,075,000	\$324,999,996	3.715%
8	SWX	Southwest Gas	11/28/2018	3,100,000	\$75.50	\$2.54810	\$7,899,110	\$600,000	\$8,499,110	\$234,050,000	3.631%
9	SR	Spire Inc.	5/9/2018	2,000,000	\$63.05	\$2.10938	\$4,218,760	\$325,000	\$4,543,760	\$126,100,000	3.603%
		Average									3.198%
		Average - Electric & Gas									2.950%

Column Notes:

- (1-4) SEC Form 424B for each company.
- (5) Column (2) * Column (4)
- (6) SEC Form 424B for each company.
- (7) Column (5) + Column (6)
- (8) Column (2) * Column (3)
- (9) Column (7) / Column (8)

(a) Underwriting discount computed as the difference between the current market price and the price offered to the issuing company by the underwriters.