

Exh. DCP-13
Dockets UE-200900, UG-200901,
UE-200894
Witness: David C. Parcell

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

**AVISTA CORPORATION, d/b/a
AVISTA UTILITIES,**

Respondent.

**DOCKETS UE-200900, UG-200901,
UE-200894 (*Consolidated*)**

**EXHIBIT TO
TESTIMONY OF**

David C. Parcell

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Proxy Companies ROE and M/B

April 21, 2021

**PROXY COMPANIES
RATES OF RETURN ON AVERAGE COMMON EQUITY**

COMPANY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2002-2008 Average	2009-2020 Average	2021	2024-26
Parcell Proxy Group																							
ALLETE				12.0%	13.2%	13.4%	11.4%	7.3%	8.2%	9.5%	8.7%	8.4%	8.6%	9.4%	8.3%	8.0%	8.2%	7.8%	7.7%		8.3%	7.0%	9.0%
Avista Corp.	4.5%	6.7%	4.6%	5.8%	8.8%	4.1%	7.6%	8.4%	8.5%	8.6%	6.4%	8.7%	8.1%	7.8%	8.6%	7.5%	7.8%	10.6%	6.4%	6.0%	8.1%	7.0%	8.0%
Black Hills Corp	12.1%	8.9%	7.9%	9.4%	9.6%	10.9%	0.7%	8.4%	5.9%	3.6%	7.1%	9.1%	9.6%	9.5%	8.9%	10.9%	10.2%	9.4%	9.2%	8.5%	8.5%	9.0%	8.5%
Hawaiian Electric Industries	11.9%	11.1%	9.3%	9.7%	9.3%	7.7%	7.0%	5.9%	7.7%	9.1%	10.4%	9.7%	9.5%	8.5%	12.4%	8.6%	9.5%	9.8%	8.5%	9.4%	9.1%	8.5%	8.5%
IDACORP	7.1%	4.2%	8.2%	7.3%	9.4%	7.1%	8.0%	9.3%	9.8%	10.5%	9.9%	10.1%	10.2%	9.7%	9.4%	9.6%	9.8%	9.6%	9.3%	7.3%	9.8%	9.0%	9.5%
NorthWestern Corp				6.4%	6.9%	8.4%	8.4%	9.4%	9.6%	10.9%	9.3%	9.5%	10.3%	9.0%	10.0%	9.4%	9.1%	8.9%	7.7%		9.4%	8.5%	9.0%
OGE Energy	11.1%	13.2%	12.7%	12.5%	15.0%	14.7%	13.0%	12.9%	13.5%	14.0%	13.2%	13.2%	12.5%	10.3%	10.0%	10.5%	10.8%	11.0%	10.7%	13.2%	11.9%	11.5%	13.0%
Otter Tail Corp	15.2%	12.0%	10.8%	11.6%	10.4%	10.4%	5.9%	3.7%	2.1%	2.7%	6.9%	9.4%	10.3%	9.9%	9.7%	10.7%	11.4%	11.5%	11.6%	10.9%	8.3%	11.5%	12.5%
Pinnacle West Capital	8.6%	8.3%	8.2%	6.7%	9.2%	8.5%	6.1%	6.8%	9.3%	8.7%	9.8%	9.9%	9.2%	9.7%	9.4%	10.1%	9.9%	10.1%	10.4%	7.9%	9.4%	10.0%	10.5%
Average	10.1%	9.2%	8.8%	9.4%	10.1%	9.3%	7.6%	8.0%	8.3%	8.6%	9.1%	9.8%	9.8%	9.3%	9.6%	9.5%	9.6%	9.9%	9.1%	9.0%	9.2%	9.1%	9.8%
Median	11.1%	8.9%	8.2%	9.6%	9.4%	8.5%	7.6%	8.4%	8.5%	9.1%	9.3%	9.5%	9.6%	9.5%	9.4%	9.6%	9.8%	9.8%	9.2%	9.0%	9.3%	9.0%	9.0%
Adjusted McKenzie Electric Group																							
Algonquin Power & Utilities	Not included in analyses since Company not covered by Value Line.																						
ALLETE				12.0%	13.2%	13.4%	11.4%	7.3%	8.2%	9.5%	8.7%	8.4%	8.6%	9.4%	8.3%	8.0%	8.2%	7.8%	7.7%		8.3%	7.0%	9.0%
Ameren Corp	10.8%	12.2%	10.0%	10.3%	8.5%	9.3%	8.8%	8.4%	8.5%	7.6%	8.0%	7.7%	8.8%	8.5%	9.3%	9.4%	10.9%	10.5%	10.3%	10.0%	9.0%	10.0%	10.0%
Avangrid, Inc.															4.1%	3.4%	3.9%	4.6%	3.9%		4.0%	4.5%	5.5%
Avista Corp	4.5%	6.7%	4.6%	5.8%	8.8%	4.1%	7.6%	8.4%	8.5%	8.6%	6.4%	8.7%	8.1%	7.8%	8.6%	7.5%	7.8%	10.6%	6.4%	6.0%	8.1%	7.0%	8.0%
Black Hills Corp	12.1%	8.9%	7.9%	9.4%	9.6%	10.9%	0.7%	8.4%	5.9%	3.6%	7.1%	9.1%	9.6%	9.5%	8.9%	10.9%	10.2%	9.4%	9.2%	8.5%	8.5%	9.0%	8.5%
CenterPoint Energy	9.6%	26.1%	13.1%	17.2%	29.1%	22.1%	22.6%	16.0%	15.0%	14.6%	13.5%	12.3%	13.7%	11.6%	12.4%	16.6%	6.3%	11.6%	10.8%	20.0%	12.9%	11.5%	11.0%
CMS Energy Corp	nmf	nmf	7.2%	10.4%	6.2%	6.6%	12.1%	8.3%	11.8%	12.5%	12.7%	13.2%	13.2%	13.7%	13.5%	14.0%	14.3%	13.9%	14.4%	8.5%	13.0%	13.5%	14.0%
DTE Energy	13.7%	9.7%	8.1%	10.2%	7.5%	7.7%	7.5%	8.7%	9.6%	9.1%	9.2%	8.6%	11.1%	9.3%	9.7%	11.1%	11.3%	10.8%	11.3%	9.2%	10.0%	10.5%	11.0%
Edison International	Not included in analyses due to impact on Company of California wildfires.																						
Emera Inc.	7.5%	9.5%	9.3%	8.9%	8.9%	10.6%	9.7%	11.2%	12.0%	15.2%	14.4%	11.6%	16.5%	12.8%	5.1%	9.6%	10.3%	8.9%	10.6%	9.2%	11.5%	9.0%	10.5%
Entergy Corp.	10.7%	10.1%	10.3%	11.9%	14.1%	13.8%	15.0%	14.4%	14.3%	15.4%	11.7%	9.4%	10.5%	10.8%	14.2%	11.6%	12.9%	12.8%	13.0%	12.3%	12.6%	10.5%	11.0%
Exelon Corp	19.4%	19.7%	20.3%	23.0%	24.5%	26.7%	25.5%	23.9%	19.5%	17.8%	8.2%	9.0%	8.0%	9.4%	6.4%	9.4%	6.6%	9.3%	8.9%	22.7%	11.4%	8.5%	8.5%
FirstEnergy Corp	10.4%	6.0%	10.8%	10.5%	13.6%	14.6%	15.5%	12.0%	11.6%	6.3%	6.8%	9.6%	2.8%	6.8%	9.7%	23.8%	12.1%	14.1%	13.4%	11.6%	10.8%	19.0%	15.5%
Hawaiian Electric	11.9%	11.1%	9.3%	9.7%	9.3%	7.7%	7.0%	5.9%	7.7%	9.1%	10.4%	9.7%	9.5%	8.5%	12.4%	8.6%	9.5%	9.8%	8.5%	9.4%	9.1%	8.5%	8.5%
IDACORP	7.1%	4.2%	8.2%	7.3%	9.4%	7.1%	8.0%	9.3%	9.8%	10.5%	9.9%	10.1%	10.2%	9.7%	9.4%	9.6%	9.8%	9.6%	9.3%	7.3%	9.8%	9.0%	9.5%
Northwestern Corp				6.4%	6.9%	8.4%	8.4%	9.4%	9.6%	10.9%	9.3%	9.5%	10.3%	9.0%	10.0%	9.4%	9.1%	8.9%	7.7%		9.4%	8.5%	9.0%
OGE Energy Corp	11.1%	13.2%	12.7%	12.5%	15.0%	14.7%	13.0%	12.9%	13.5%	14.0%	13.2%	13.2%	12.5%	10.3%	10.0%	10.5%	10.8%	11.0%	10.7%	13.2%	11.9%	11.5%	13.0%
Otter Tail Corp	15.2%	12.0%	10.8%	11.6%	10.4%	10.4%	5.9%	3.7%	2.1%	2.7%	6.9%	9.4%	10.3%	9.9%	9.7%	10.7%	11.4%	11.5%	11.6%	10.9%	8.3%	11.5%	12.5%
PNM Resources	Not included in analyses since this company is merging with AVANGRID																						
Sempra Energy	Not included in analyses due to impact on Company of California wildfires.																						
Average	11.1%	11.5%	10.2%	11.4%	12.2%	11.7%	11.2%	10.5%	10.5%	10.5%	9.8%	10.0%	10.2%	9.8%	9.5%	10.8%	9.7%	10.3%	9.9%	11.3%	9.9%	9.9%	10.3%
Median	10.8%	10.1%	9.7%	10.4%	9.5%	10.5%	9.3%	9.0%	9.7%	10.0%	9.3%	9.5%	10.3%	9.5%	9.7%	9.6%	10.2%	10.5%	10.3%	10.0%	9.8%	9.0%	10.0%

Note: The absence of figures for a specific company for a particular year is due to the fact that Value Line did not report the relevant figures (to calculate the appropriate ratios) for that company for that year.

Source: Calculations made from data contained in Value Line Investment Survey.

PROXY COMPANIES
MARKET TO BOOK RATIOS

COMPANY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2002-2008 Average	2009-2020 Average
Parcell Proxy Group																					
ALLETE				212%	219%	195%	156%	113%	127%	138%	136%	152%	151%	146%	153%	182%	181%	189%	152%		152%
Avista Corp.	85%	94%	111%	115%	135%	127%	110%	94%	106%	119%	123%	125%	143%	141%	158%	174%	178%	160%	146%	111%	139%
Black Hills Corp	143%	134%	134%	165%	153%	164%	124%	77%	108%	109%	121%	161%	181%	152%	186%	207%	174%	191%	171%	145%	153%
Hawaiian Electric Industries	153%	151%	179%	181%	192%	166%	166%	113%	140%	150%	164%	156%	167%	175%	169%	184%	181%	203%	205%	170%	167%
IDACORP	134%	112%	125%	122%	139%	132%	104%	94%	113%	119%	123%	136%	159%	158%	177%	203%	199%	212%	183%	124%	156%
NorthWestern Corp				160%	147%	109%	105%	122%	138%	146%	159%	174%	167%	171%	169%	154%	170%	154%			152%
OGE Energy	147%	154%	178%	187%	205%	197%	145%	139%	180%	197%	204%	231%	228%	184%	170%	192%	181%	206%	179%	173%	191%
Otter Tail Corp	245%	209%	185%	183%	178%	200%	167%	108%	120%	123%	152%	196%	196%	186%	207%	244%	253%	274%	217%	195%	190%
Pinnacle West Capital	116%	114%	130%	130%	129%	127%	100%	90%	113%	125%	141%	153%	158%	160%	172%	191%	182%	191%	168%	121%	154%
Average	146%	138%	149%	162%	168%	162%	131%	104%	125%	135%	146%	163%	173%	163%	174%	194%	187%	200%	175%	148%	162%
Median	143%	134%	134%	173%	160%	164%	124%	105%	120%	125%	141%	156%	167%	160%	171%	191%	181%	191%	171%	147%	157%
Adjusted McKenzie Electric Group																					
Algonquin Power & Utilities	Not included in analyses since Company not covered by Value Line.																				
ALLETE				212%	219%	195%	156%	113%	127%	138%	136%	152%	151%	146%	153%	182%	181%	189%	152%		152%
Ameren Corp	163%	162%	161%	172%	164%	159%	122%	83%	81%	92%	106%	125%	152%	149%	165%	198%	202%	225%	215%	158%	149%
Avangrid, Inc.															84%	93%	102%	102%	94%		95%
Avista Corp	85%	94%	111%	115%	135%	127%	110%	94%	106%	119%	123%	125%	143%	141%	158%	174%	178%	160%	146%	111%	139%
Black Hills Corp	143%	134%	134%	165%	153%	164%	124%	77%	108%	109%	121%	161%	181%	152%	186%	207%	174%	191%	171%	145%	153%
CenterPoint Energy	116%	142%	236%	329%	312%	330%	224%	187%	158%	210%	200%	223%	227%	213%	257%	291%	232%	217%	164%	241%	215%
CMS Energy Corp	137%	80%	90%	125%	142%	177%	127%	117%	148%	170%	192%	218%	239%	254%	276%	296%	288%	329%	314%	125%	237%
DTE Energy	145%	142%	132%	140%	134%	143%	101%	91%	116%	121%	137%	153%	170%	173%	180%	207%	197%	207%	166%	134%	160%
Edison International	Not included in analyses due to impact on Company of California wildfires.																				
Emera Inc.				155%	162%	169%	161%	162%	203%	209%	277%	233%	204%	202%	177%	168%	146%	163%	146%		191%
Entergy Corp.	114%	136%	156%	194%	211%	264%	229%	167%	164%	134%	133%	126%	139%	141%	152%	176%	179%	209%	199%	186%	160%
Exelon Corp	191%	227%	280%	356%	401%	481%	415%	271%	169%	200%	154%	125%	124%	117%	114%	129%	132%	146%	119%	336%	150%
FirstEnergy Corp	131%	132%	154%	169%	195%	230%	221%	161%	145%	138%	145%	127%	118%	120%	152%	275%	315%	328%	288%	176%	193%
Hawaiian Electric	153%	151%	179%	181%	192%	166%	166%	113%	140%	150%	164%	156%	167%	175%	169%	184%	181%	203%	205%	170%	167%
IDACORP	134%	112%	125%	122%	139%	132%	104%	94%	113%	119%	123%	136%	159%	158%	177%	203%	199%	212%	183%	124%	156%
Northwestern Corp				160%	147%	109%	105%	122%	138%	146%	159%	174%	167%	171%	169%	154%	170%	154%			152%
OGE Energy Corp	147%	154%	178%	187%	205%	197%	145%	139%	180%	197%	204%	231%	228%	184%	170%	192%	181%	206%	179%	173%	191%
Otter Tail Corp	245%	209%	185%	183%	178%	200%	167%	108%	120%	123%	152%	196%	196%	186%	207%	244%	253%	274%	217%	195%	190%
PNM Resources	Not included in analyses since this company is merging with AVANGRID																				
Sempra Energy	Not included in analyses due to impact on Company of California wildfires.																				
Average	146%	144%	163%	187%	194%	205%	168%	130%	138%	148%	157%	165%	173%	167%	173%	199%	194%	208%	183%	175%	169%
Median	143%	142%	156%	172%	171%	173%	151%	113%	134%	138%	146%	155%	169%	163%	170%	192%	181%	206%	171%	158%	161%

Note: The absence of figures for a specific company for a particular year is due to the fact that Value Line did not report the relevant figures (to calculate the appropriate ratios) for that company for that year.

Source: Calculations made from data contained in Value Line Investment Survey.