

Exhibit No. \_\_\_\_ (DCP-12)  
Docket UE-152253  
Witness: David C. Parcell

**BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PACIFIC POWER & LIGHT  
COMPANY,**

**Respondent.**

**DOCKET UE-152253**

**EXHIBIT TO  
TESTIMONY OF**

**DAVID C. PARCELL**

**ON BEHALF STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION**

*Proxy Companies  
Rates of Return on Average Common Equity,  
Market-to-Book Ratios*

**March 17, 2016**

PROXY COMPANIES  
RATES OF RETURN ON AVERAGE COMMON EQUITY

COMPANY	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2002-2008 Average	2009-2015 Average	2016	2017	2018-20
<b>Parcell Proxy Group</b>																			
Alliant Energy	5.7%	7.6%	8.5%	10.3%	9.4%	11.4%	10.2%	7.5%	10.8%	10.3%	11.0%	11.4%	11.5%	11.6%	9.0%	10.6%	11.5%		11.5%
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%	9.5%	9.2%	9.4%	9.5%		10.0%
Eversource Energy	6.4%	7.1%	5.1%	5.4%	4.5%	8.6%	9.5%	9.6%	4.9%	10.0%	7.3%	8.3%	8.3%	8.6%	6.7%	8.1%	9.0%		9.5%
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%	10.6%	13.2%	12.8%	10.5%		11.0%
Pinnacle West Capital	8.6%	8.3%	8.2%	6.7%	8.5%	8.5%	6.1%	6.8%	8.7%	8.7%	9.8%	9.9%	9.2%	9.6%	7.9%	9.0%	9.5%		9.5%
Westar Energy	5.0%	10.6%	7.7%	9.6%	11.1%	10.0%	6.7%	6.3%	8.6%	8.2%	9.5%	9.8%	9.7%	9.0%	8.7%	8.7%	9.5%		9.5%
WEC Energy	12.8%	11.8%	9.0%	11.6%	11.1%	11.1%	11.0%	10.8%	12.2%	13.0%	13.3%	13.6%	13.5%	10.2%	11.2%	12.4%	10.0%		11.0%
Average	9.0%	9.8%	8.5%	9.5%	9.7%	10.3%	9.2%	8.9%	9.8%	10.5%	10.5%	10.7%	10.8%	9.9%	9.4%	10.2%	9.9%		10.3%
Median	8.6%	9.7%	8.2%	10.2%	9.4%	10.0%	9.8%	8.7%	9.6%	10.0%	9.8%	9.9%	11.1%	9.6%	9.4%	9.8%	9.5%		10.0%
<b>Strunk Proxy Group</b>																			
Ameren Corporation	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%	8.7%	10.0%	8.2%	9.5%		10.5%
American Electric Power	12.4%	12.7%	12.7%	11.9%	12.2%	11.7%	11.6%	11.0%	9.3%	10.7%	9.7%	9.9%	9.9%	10.5%	12.1%	10.1%	10.0%		10.0%
Avista Corporation	4.5%	6.7%	4.6%	5.6%	8.8%	4.1%	7.6%	8.4%	8.5%	8.6%	6.4%	6.4%	8.1%	7.9%	6.0%	8.1%	8.0%		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%	11.0%	20.0%	13.7%	12.0%		13.0%
Consolidated Edison	11.5%	10.0%	8.0%	10.2%	9.7%	10.9%	9.9%	8.7%	9.3%	9.3%	9.7%	9.5%	8.5%	9.1%	10.0%	9.2%	9.0%		9.0%
Dominion Resources	14.9%	12.0%	12.9%	9.4%	14.3%	12.2%	18.1%	14.7%	14.7%	13.5%	14.3%	16.1%	15.3%	15.6%	13.4%	14.9%	15.0%		14.5%
DTE Energy Corporation	13.7%	14.9%	8.1%	10.2%	7.5%	13.4%	13.4%	10.9%	10.7%	10.2%	9.2%	8.6%	11.1%	11.1%	13.5%	9.4%	9.5%		10.0%
Edison International	15.4%	15.8%	3.9%	17.4%	14.9%	13.4%	11.4%	9.4%	11.7%	13.0%	15.2%	12.7%	13.5%	11.1%	13.5%	12.0%	11.5%		12.0%
El Paso Electric Company	6.3%	6.5%	6.3%	6.7%	10.5%	11.9%	9.8%	9.6%	4.9%	10.0%	7.3%	8.3%	8.3%	8.6%	8.5%	10.5%	8.0%		9.5%
Eversource Energy	6.4%	7.1%	5.1%	5.4%	4.5%	8.6%	9.8%	9.6%	7.3%	5.8%	6.2%	7.3%	6.8%	5.8%	6.7%	6.3%	7.5%		7.5%
Great Plains Energy	15.6%	16.9%	16.9%	13.7%	9.8%	10.6%	9.8%	4.9%	9.8%	9.8%	9.9%	10.1%	6.8%	9.6%	12.7%	9.8%	9.0%		8.5%
IDACORP	7.1%	4.2%	8.2%	7.3%	9.4%	7.1%	8.0%	9.3%	9.6%	10.5%	9.3%	10.1%	10.2%	9.8%	7.3%	9.8%	9.0%		10.0%
NorthWestern 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%	10.6%	13.2%	12.8%	10.5%		11.0%
OGE Energy	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%	9.3%	7.9%	9.8%	9.5%		9.5%
Pinnacle West Capital Corp.	6.3%	18.3%	12.8%	14.9%	5.9%	11.5%	6.5%	6.2%	8.0%	9.0%	8.3%	7.7%	9.1%	8.2%	8.1%	8.1%	9.0%		9.0%
Portland General Electric Co.	19.9%	12.4%	12.6%	12.4%	12.2%	19.2%	19.5%	18.8%	16.9%	15.8%	11.7%	11.1%	12.7%	12.7%	16.7%	14.2%	11.0%		11.0%
Public Service Enterprise Group	11.7%	12.6%	12.6%	12.4%	10.9%	11.0%	11.5%	10.7%	10.5%	10.0%	10.2%	10.5%	11.1%	10.6%	11.8%	10.5%	10.5%		10.0%
SCANA Corporation	20.7%	19.4%	20.7%	15.7%	16.1%	14.1%	13.7%	13.8%	10.9%	11.4%	10.4%	9.7%	10.2%	10.7%	17.2%	11.0%	10.5%		12.5%
Sempra Energy	8.4%	8.7%	5.7%	6.2%	9.2%	6.9%	7.4%	7.5%	7.4%	8.1%	7.9%	8.6%	8.7%	7.4%	7.5%	7.9%	7.5%		8.5%
The Empire District Electric	13.3%	11.6%	9.9%	12.3%	9.5%	11.6%	9.9%	10.6%	9.4%	9.7%	10.5%	8.9%	10.5%	11.8%	11.2%	10.2%	12.5%		15.0%
Vectren Corp	5.0%	10.6%	7.7%	9.6%	11.1%	10.0%	6.7%	6.3%	8.6%	8.2%	9.5%	9.6%	9.7%	9.0%	8.7%	8.7%	9.5%		9.5%
Westar Energy	2.8%	10.0%	9.8%	9.1%	9.8%	9.3%	9.7%	9.5%	9.5%	10.1%	10.4%	10.2%	10.3%	10.2%	8.6%	10.0%	10.0%		10.5%
Xcel Energy Inc.																			
Average	10.7%	12.0%	10.0%	10.7%	11.1%	11.0%	10.7%	10.1%	10.1%	10.4%	10.1%	10.0%	10.3%	9.8%	11.1%	10.1%	9.9%		10.6%
Median	11.0%	11.6%	9.8%	10.2%	9.8%	10.9%	9.8%	9.4%	9.5%	10.0%	9.8%	9.8%	10.2%	9.6%	10.4%	9.8%	9.5%		10.0%

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

**PROXY COMPANIES  
 MARKET TO BOOK RATIOS**

COMPANY	2002-2008 2009-2015											Average	Average			
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012			2013	2014	2015
<b>Parcell Proxy Group</b>																
Alliant Energy	110%	97%	120%	131%	155%	173%	131%	102%	131%	147%	162%	170%	198%	198%	131%	158%
DTE Energy	145%	142%	132%	140%	134%	143%	101%	91%	116%	121%	137%	153%	170%	172%	134%	137%
Eversource Energy	99%	95%	106%	108%	131%	163%	128%	114%	136%	150%	143%	141%	158%	141%	119%	143%
OGE Energy	147%	154%	178%	187%	205%	197%	145%	135%	180%	197%	204%	231%	228%	185%	173%	195%
Pinnacle West Capital	116%	114%	130%	130%	127%	100%	109%	90%	113%	125%	141%	153%	158%	161%	121%	134%
Wester Energy	67%	109%	132%	142%	139%	140%	107%	91%	111%	119%	133%	138%	155%	155%	119%	129%
WEC Energy	129%	147%	156%	168%	182%	179%	153%	147%	171%	186%	213%	223%	249%	219%	159%	201%
Average	116%	123%	136%	144%	154%	160%	124%	111%	137%	149%	162%	173%	188%	178%	137%	157%
Median	116%	114%	132%	140%	139%	163%	128%	102%	131%	147%	143%	153%	170%	172%	133%	145%
<b>Strunk Proxy Group</b>																
Ameren Corporation	163%	162%	161%	172%	164%	159%	122%	83%	81%	92%	106%	125%	152%	149%	158%	113%
American Electric Power	138%	124%	155%	165%	161%	190%	145%	112%	118%	128%	134%	145%	162%	167%	154%	138%
Avista Corporation	85%	94%	111%	115%	135%	127%	110%	94%	106%	119%	123%	125%	143%	141%	111%	122%
CenterPoint Energy	142%	142%	236%	329%	312%	330%	224%	187%	156%	210%	200%	223%	227%	200%	241%	201%
Consolidated Edison	144%	146%	143%	154%	149%	151%	123%	110%	124%	145%	150%	144%	143%	148%	144%	138%
Dominion Resources	158%	180%	196%	242%	229%	256%	238%	186%	207%	235%	272%	313%	362%	352%	214%	275%
DTE Energy Corporation	145%	142%	132%	140%	134%	143%	101%	91%	116%	121%	137%	153%	170%	172%	134%	137%
Edison International	117%	108%	153%	205%	194%	208%	149%	101%	111%	117%	146%	166%	177%	183%	162%	143%
El Paso Electric Company	140%	120%	148%	176%	179%	179%	134%	102%	134%	164%	163%	161%	158%	151%	154%	148%
Eversource Energy	98%	95%	106%	108%	131%	163%	128%	114%	136%	150%	143%	141%	158%	159%	119%	143%
Great Plains Energy	163%	198%	218%	189%	181%	173%	113%	73%	87%	89%	97%	102%	116%	116%	176%	97%
IDACORP	134%	112%	125%	122%	139%	132%	104%	105%	113%	119%	123%	136%	159%	167%	124%	129%
NorthWestern Corp	147%	154%	178%	187%	205%	197%	145%	139%	180%	197%	204%	231%	228%	185%	173%	195%
OGE Energy	116%	114%	130%	130%	129%	127%	100%	90%	113%	125%	141%	153%	158%	161%	121%	134%
Pinnacle West Capital Corp.					153%	140%	101%	83%	97%	109%	117%	131%	145%	149%	119%	149%
Portland General Electric Co.	178%	186%	191%	245%	267%	304%	250%	177%	176%	161%	154%	151%	160%	163%	232%	163%
Public Service Enterprise Group	137%	158%	171%	179%	167%	158%	141%	121%	134%	135%	152%	154%	160%	160%	159%	145%
SCANA Corporation	155%	172%	178%	186%	190%	194%	151%	135%	136%	128%	153%	187%	223%	218%	175%	169%
Sempra Energy	132%	133%	144%	148%	149%	150%	122%	100%	127%	128%	124%	131%	150%	144%	140%	129%
The Empire District Electric	174%	170%	185%	185%	179%	175%	157%	133%	142%	153%	160%	180%	218%	217%	174%	172%
Vectren Corp	67%	109%	132%	142%	139%	140%	107%	91%	111%	119%	133%	138%	155%	155%	119%	129%
Westar Energy	113%	113%	132%	139%	150%	154%	127%	121%	135%	143%	156%	157%	165%	171%	133%	150%
Xcel Energy Inc.																
Average	134%	140%	158%	174%	174%	178%	139%	115%	129%	140%	149%	161%	177%	173%	158%	149%
Median	138%	142%	153%	172%	161%	159%	127%	105%	124%	128%	146%	153%	160%	161%	150%	140%

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