

**EXHIBIT NO. ____ (RAM-7)
DOCKETS UE-17 ____ /UG-17 ____
2017 PSE GENERAL RATE CASE
WITNESS: DR. ROGER A. MORIN**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

Docket UE-17 ____

Docket UG-17 ____

**SIXTH EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF**

DR. ROGER A. MORIN

ON BEHALF OF PUGET SOUND ENERGY

JANUARY 13, 2017

Combination Elec & Gas Utilities Beta Estimates

	(1)	(2)
Line No.	Company Name	Beta
1	Alliant Energy	0.70
2	Ameren Corp.	0.70
3	Avista Corp.	0.70
4	CenterPoint Energy	0.90
5	Chesapeake Utilities	0.60
6	CMS Energy Corp.	0.70
7	Consol. Edison	0.60
8	DTE Energy	0.70
9	Eversource Energy	0.70
10	MGE Energy	0.70
11	NorthWestern Corp.	0.70
12	PG&E Corp.	0.70
13	Public Serv. Enterprise	0.70
14	SCANA Corp.	0.70
15	Sempra Energy	0.80
16	Vectren Corp.	0.80
17	WEC Energy Group	0.60
18	Xcel Energy	0.60
20	AVERAGE	0.70
22	Source: Value Line Research Nov. 2016	