

**EXHIBIT NO. ___(WJE-13HC)
DOCKET NO. UE-09___/UG-09___
2009 PSE GENERAL RATE CASE
WITNESS: W. JAMES ELSEA**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY, INC.,

Respondent.

**Docket No. UE-09___
Docket No. UG-09___**

**TWELFTH EXHIBIT (HIGHLY CONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF
W. JAMES ELSEA
ON BEHALF OF PUGET SOUND ENERGY, INC.**

**REDACTED
VERSION**

MAY 8, 2009

Capital Costs - Information Gathered Telephonically from the Following Entities

Source	Configuration	Estimate (\$/KW) Low	Estimate (\$/KW) High	Year (\$)	Date Received	Contact	PSE Representative	Comments
XXXXXX	1x1	XXXXXX	XXXXXX	2007	4/21/2008	XXXXXX	Christine Philipps	XXXXXX
XXXXXX	2x1	XXXXXX	XXXXXX	2008	4/22/2008	XXXXXX	Christine Philipps	XXXXXX
XXXXXX	1x1	XXXXXX	XXXXXX		4/16/2008	XXXXXX	Christine Philipps	XXXXXX
XXXXXX		XXXXXX	XXXXXX		4/16/2008	XXXXXX	Christine Philipps	XXXXXX
XXXXXX	1x1	XXXXXX	XXXXXX		4/18/2008	XXXXXX	Christine Philipps/ Aliza Seelig	XXXXXX
XXXXXX	2x1	XXXXXX	XXXXXX	2008	4/16/2008	XXXXXX	Christine Philipps	XXXXXX
XXXXXX	1x1	XXXXXX	XXXXXX	2008	4/18/2008	XXXXXX	Christine Philipps	XXXXXX
XXXXXX	1x1	XXXXXX	XXXXXX	2008	4/28/2008	XXXXXX	Christine Philipps/ Aliza Seelig	XXXXXX
		XXXXXX	XXXXXX					
		Average						
		\$1,330						(excluding low and high price)

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Capital Costs - Information Gathered from Resource Acquisition (2008 RFP bids & Wind development activities by PSE)
Estimated Capital Cost with Turbine procurement in 2008/2009 and likely COD in 2010

Source	Developer	Turbine Technology	Capital Estimate (\$/KW)		Date Received/Analyzed	Comments
			Development	Turnkey		
Saddleback	XXXXXXXXXX	Vestas V82	XXXXXXXXXX	XXXXXXXXXX	Apr-08	XXXXXXXXXX
Wild Horse Wind	XXXXXXXXXX	Vestas V80	XXXXXXXXXX	XXXXXXXXXX	Apr-08	XXXXXXXXXX
Echanis	XXXXXXXXXX		XXXXXXXXXX	XXXXXXXXXX	Feb-08	XXXXXXXXXX
Windy Point	XXXXXXXXXX		XXXXXXXXXX	XXXXXXXXXX	Apr-08	XXXXXXXXXX
Golden Hills	XXXXXXXXXX	Clipper C96 2.5 MW	XXXXXXXXXX	XXXXXXXXXX	Feb-08	XXXXXXXXXX
Kittitas Valley	XXXXXXXXXX	Vestas V82 1.65 MW	XXXXXXXXXX	XXXXXXXXXX	Feb-08	XXXXXXXXXX
Knob Hill	XXXXXXXXXX	Vestas/GE	XXXXXXXXXX	XXXXXXXXXX	Feb-08	XXXXXXXXXX
Norris Hill	XXXXXXXXXX	Clipper Liberty 2.5 MW	XXXXXXXXXX	XXXXXXXXXX	Feb-08	XXXXXXXXXX

Average
\$2,764

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