

**EXHIBIT NO. ___(WJE-22HC)
DOCKET NO. UE-06___/UG-06___
2006 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-06___
Docket No. UG-06___**

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

**REDACTED
VERSION**

FEBRUARY 15, 2006

	Short-term PPAs not to be evaluated on Expected 20 Year Cost
	On-Peak PPA needs to be evaluated separately
	Constrained Project- Low Priority

2004 All-Source Generation RFP "Short List"

Code	Project Name	Resource	Capacity (MW)	Offers	ASM8 (\$/MWh)	ASM Expected Cost 20-yr (\$/MWh)	Level CF
Wind Projects							
A02	Zilkha - Wild Horse Wind Power Project	Wind	150	or 100% Ownership	XXX	XXX	XXX
A03	RES - Hopkins Ridge Wind Project	Wind	150	or 100% Ownership	XXX	XXX	XXX
A06	XXXXXXXXXX XXXXXXXXXX	Wind	XXX	XXXXXXXXXXXXXXXXXXXX	XXX	XXX	XXX
Heat Recovery							
A39	ORMAT - NW Pipeline Sumas Compressor Station Recovered Heat Power Project	Recovered Heat	4.5	or 100% Ownership	XXX	XXX	XXX
Power Purchase Agreements							
A19	APS - PPA on Centralia	Coal	85	2-yr PPA	XXX	XXX	XXX
A24	XXXXXXXXXX XXXXXXXXXX	PPA Coal	XXX	XXXXXXXXXXXXXXXXXXXX	XXX	XXX	XXX
A30	XXXXXXXXXX XXXXXXXXXX	Hydro	XXX	2 yr Bridge + 20-yr on-peak hours PPA	XXX	XXX	XXX

2004 All-Source Generation RFP "Continuing Investigation List"

Code	Project Name	Resource	Capacity (MW)	Offers	ASM8 (\$/MWh)	ASM Expected Cost 20-yr (\$/MWh)	Level CF
Wind Projects							
A07	XXXXXXXXXX XXXXXXXXXX	Wind	XXX	or 100% Ownership	XXX	XXX	XXX
A02	XXXXXXXXXX XXXXXXXXXX	Wind	XXX	or 100% Ownership	XXX	XXX	XXX
A08	XXXXXXXXXX XXXXXXXXXX	Wind	XXX	30-yr PPA + 50% Ownership	XXX	XXX	XXX
Coal							
A20	XXXXXXXXXX XXXXXXXXXX	Coal	XXX	Up to 100% Ownership	XXX	XXX	XXX
CCGT							
A24	XXXXXXXXXX XXXXXXXXXX	Natural Gas (PPA Coal)	XXX	XXXXXXXXXXXXXXXXXXXX	XXX	XXX	XXX
A29	XXXXXXXXXX XXXXXXXXXX	Natural Gas	XXX	50.2% Ownership w BPA Transmission	XXX	XXX	XXX
A26	XXXXXXXXXX XXXXXXXXXX	Natural Gas	XXX	100% Ownership	XXX	XXX	XXX
A35	XXXXXXXXXX XXXXXXXXXX	Natural Gas	XXX	100% Ownership	XXX	XXX	XXX
A28	XXXXXXXXXX XXXXXXXXXX	Natural Gas	XXX	70% Ownership	XXX	XXX	XXX
A32	XXXXXXXXXX XXXXXXXXXX	Natural Gas	XXX	100% Ownership	XXX	XXX	XXX
Alternate Fuel							
A15	XXXXXXXXXX XXXXXXXXXX	Biomass (wood)	XXX	JV w/ PSE	XXX	XXX	XXX