

**EXHIBIT NO. \_\_\_\_ (AS-16)  
DOCKET NO. UE-12 \_\_\_\_  
WITNESS: ALIZA SEELIG**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**Petition of**

**PUGET SOUND ENERGY, INC.**

**for Approval of a Power Purchase Agreement  
for Acquisition of Coal Transition Power, as  
Defined in RCW 80.80.010, and the Recovery  
of Related Acquisition Costs**

**Docket No. UE-12 \_\_\_\_**

**FIFTEENTH EXHIBIT (NONCONFIDENTIAL) TO THE  
PREFILED DIRECT TESTIMONY OF  
ALIZA SEELIG  
ON BEHALF OF PUGET SOUND ENERGY, INC.**

**AUGUST 20, 2012**

## 2011 RFP Phase I Generic Resource Assumptions

Valuation Year	2012	CCCT						
	Units	Primary	Duct Fire	Primary+DF	Frame SCCT	Wind	Wood Biomass	Transmission
ISO Capacity	MW	295	30	325	197	100	25	500
Winter Capacity (avg Jan temp)	MW	304	30	334	213	100	25	500
Capital Cost (per kW Jan capacity)	\$/kW	1,620	1,620	1,620	1,060	2,252	4,550	458
O&M - Fixed (ex. prop tax and ins., Jan cap)	\$/kW-yr	25.20	0.00	22.94	16.80	28.90	200.00	16.03
O&M - Variable	\$/MWh	0.47	0.47	0.46	0.44	3.68	3.60	
Capacity Credit	%	93%	93%	93%	93%	1.8%	100%	100%
Gas Transport - Fixed	\$/kW-yr	35.07	0.00	31.92	0.00			
Gas Transport - Variable	\$/MWh	2.40	3.17	2.50	5.85			
Electric Transmission - Fixed	\$/kW-yr	0.00	0.00	0.00	0.00	36.00	18.92	
Electric Transmission - Variable	\$/MWh	0.00	0.00	0.00	0.00	3.50	1.80	
First year Available		2014	2014	2014	2014	2014	2014	2017