

**EXHIBIT NO. \_\_\_\_ (AS-17)  
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 \_\_\_\_**

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

**AUGUST 20, 2012**

## 2011 RFP Phase II Generic Resource Assumptions

Valuation Year	2012	CCCT						
	<i>Units</i>	Primary	Duct Fire	Primary+DF	Frame SCCT	Wind	Wood Biomass	Transmission
ISO Capacity	<i>MW</i>	295	30	325	197	100	25	500
Winter Capacity (23 deg F)	<i>MW</i>	304	30	334	221	100	25	500
Capital Cost (per kW Winter capacity)	<i>\$/kW</i>	1,620	1,620	1,620	1,020	2,252	4,550	458
O&M - Fixed (ex. prop tax and ins., Winter cap)	<i>\$/kW-yr</i>	25.22	0.00	22.96	15.22	28.90	200.00	16.03
O&M - Variable	<i>\$/MWh</i>	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	<i>\$/kW-yr</i>	35.07	0.00	31.92	0.00			
Gas Transport - Variable	<i>\$/MWh</i>	2.40	3.17	2.50	5.85			
Electric Transmission - Fixed	<i>\$/kW-yr</i>	0.00	0.00	0.00	0.00	36.00	18.92	
Electric Transmission - Variable	<i>\$/MWh</i>	0.00	0.00	0.00	0.00	3.50	1.80	
First year Available		2015	2015	2015	2015	2015	2015	2023