

**BEFORE THE WASHINGTON  
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

PUGET SOUND ENERGY

Respondent.

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DOCKET NOS. UE-190529 and UG-190530 (*Consolidated*)

**GLENN A. WATKINS ON BEHALF OF PUBLIC COUNSEL UNIT**

**EXHIBIT GAW-7**

PSE Base-Intermediate-Peak Classification

November 22, 2019

**PUGET SOUND ENERGY**  
**Base-Intermediate-Peak Classification**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Generating Unit	Fuel	Capacity (MW) 1/	Average Fuel Cost Per Kwh 2/	Net MWH Produced 1/	Total Net Investment 1/	Capacity Factor	Designation	% Energy	% Demand	Net Investment	
										Energy	Demand
Colstrip 1 & 2	Coal	378	\$0.0174	1,760,005	\$206,110,039	53.15%	Base	100.00%	0.00%	\$206,110,039	\$0
Colstrip 3 & 4	Coal	434	\$0.0161	2,408,479	\$206,110,039	63.35%	Base	100.00%	0.00%	\$206,110,039	\$0
Goldendale	Gas	315	\$0.0267	1,110,133	\$116,772,252	40.23%	Intermediate	40.23%	59.77%	\$46,978,593	\$69,793,659
Mint Farm	Gas	319	\$0.0267	1,362,895	\$102,474,093	48.77%	Intermediate	48.77%	51.23%	\$49,978,339	\$52,495,754
Freddy 1	Gas	137	\$0.0227	353,716	\$53,290,783	29.47%	Intermediate	29.47%	70.53%	\$15,706,616	\$37,584,167
Sumas	Gas	135	\$0.0308	272,159	\$26,235,457	23.01%	Intermediate	23.01%	76.99%	\$6,037,716	\$20,197,741
Ferndale	Gas/Oil	280	\$0.0328	660,396	\$51,288,656	26.92%	Intermediate	26.92%	73.08%	\$13,809,044	\$37,479,612
Encogen	Gas/Oil	170	\$0.0302	200,095	\$36,913,316	13.44%	Intermediate	13.44%	86.56%	\$4,959,824	\$31,953,492
Frederickson	Gas/Oil	176	\$0.1036	29,872	\$7,373,890	1.94%	Peak	0.00%	100.00%	\$0	\$7,373,890
Whitehorn	Gas/Oil	168	\$0.0987	28,556	\$6,547,250	1.94%	Peak	0.00%	100.00%	\$0	\$6,547,250
Fredonia 1 & 2	Gas/Oil	258	\$0.0580	120,333	\$18,994,983	5.32%	Peak	0.00%	100.00%	\$0	\$18,994,983
Crystal Mountain	Oil	3	\$0.0811	71	\$1,469,086	0.27%	Peak	0.00%	100.00%	\$0	\$1,469,086
Fredonia 3 & 4	Gas/Oil	116	\$0.0390	9,120	\$18,994,983	0.90%	Peak	0.90%	100.00%	\$0	\$18,994,983
Lower Baker	Hydro	115	\$0.0000	385,262	\$181,588,475	38.24%	Hydro	37.00%	63.00%	\$67,187,736	\$114,400,739
Upper Baker	Hydro	104	\$0.0000	333,791	\$80,655,174	36.64%	Hydro	37.00%	63.00%	\$29,842,414	\$50,812,760
Snoqualmie Plts 1 & 2	Hydro	54	\$0.0000	195,487	\$284,421,777	41.33%	Hydro	37.00%	63.00%	\$105,236,057	\$179,185,720
Hopkins Ridge	Wind	157	\$0.0000	410,913	\$101,304,116	29.88%	Wind	79.00%	21.00%	\$80,030,252	\$21,273,864
Lower Snake River	Wind	343	\$0.0000	882,777	\$509,712,402	29.38%	Wind	79.00%	21.00%	\$402,672,798	\$107,039,604
Wild Horse	Wind	273	\$0.0000	638,689	\$265,820,523	26.71%	Wind	79.00%	21.00%	\$209,998,213	\$55,822,310
<b>TOTAL</b>										\$1,444,657,680	\$831,419,612
<b>PERCENT OF TOTAL</b>										63.47%	36.53%

1/ Per PSE response to PC-DR-168 (provided in Exhibit No. GAW-12). Note, PSE has removed the confidential designation of this data request.

2/ Per PSE response to PC DR-170 (provided in Exhibit No. GAW-12). Note, PSE has removed the confidential designation of this data request.

Note: Total Net Investment excludes Other (Battery Storage) and Wild Horse Solar.