

Central Fuel Company

Chehalis, WA

Fuel and Energy Cost Comparison

(Puget Sound Energy)

Prices as of: February 1, 2008

Fuel Type	Price per Unit	Units	BTU per Unit	Appliance Efficiency	Ductwork Losses	Delivered Cost/MBTU *
Heat Pump	\$.07	kWh	3,413	310%	15%	\$10.04
Electric Furnace	\$.07	kWh	3,413	100%	15%	\$20.08
Electric Baseboard	\$.07	kWh	3,413	100%	0%	\$17.15
#2 Fuel Oil Furnace	\$2.50	Gallon	139,000	80%	15%	\$28.99
#1 Fuel Oil Furnace	\$3.39	Gallon	139,000	80%	15%	\$36.40
Natural Gas Furnace	\$1.20	Therm	100,000	80%	15%	\$17.63
Natural Gas Furnace	\$1.20	Therm	100,000	90%	15%	\$15.68
Natural Gas Radiant	\$1.20	Therm	100,000	80%	0%	\$15.00
LP (Propane) Radiant	\$2.04	Gallon	91,500	80%	0%	\$27.87
LP Radiant	\$2.04	Gallon	91,500	80%	0%	\$27.81
LP Radiant	\$2.04	Gallon	91,500	80%	0%	\$27.86
LP Furnace	\$2.04	Gallon	91,500	80%	15%	\$32.71
Wood						
Douglas Fir	\$140	Cord	15,113,000	72%	0%	\$13.08
Alder/W. Maple	\$140	Cord	14,110,000	72%	0%	\$13.78
N. Idaho Energy Logs	\$229	Ton	16,779,000	72%	0%	\$20.10
Wood Pellets						
Burnmaster	\$189	Ton	16,400,000	70%	0%	\$20.45
N. Idaho	\$222	Ton	17,600,000	70%	0%	\$22.80
Coal						
Stoker Blend	\$200	Ton	23,000,000	75%	0%	\$11.94
Lump – Tractor	\$240	Ton	24,800,000	70%	0%	\$14.66
Lump – Hand Picked	\$260	Ton	24,800,000	70%	0%	\$15.46

* 1 MBTU = 1,000,000 BTU's