Cost of Heat in the Northwest

Heating System Type	Unit	BTUs Per Unit	Cost Per Unit	Unit Cost (per million BTUs)	System Efficiency	Distribution Efficiency	Combined Efficiency	Delivered Cost (per million BTUs)	BTUs Produced (per dollar spent)
Natural Gas Furnace	Therm	100,000	$1.22	$12.20	70.00%	70.00%	49%	$24.90	**4,016,393**
Natural Gas High Eff. Furnace	Therm	100,000	$1.22	$12.20	92.00%	90.00%	83%	$14.73	**6,786,885**
Natural Gas Stove/Fireplace	Therm	100,000	$1.22	$12.20	60.00%	100.00%	60%	$20.33	**4,918,033**
Electric Resistance Heat	kWh	3,413	$0.07	$20.51	100.00%	100.00%	100%	$20.51	**4,875,714**
Heat Pump	kWh	3,413	$0.07	$20.51	200.00%	70.00%	140%	$14.65	**6,826,000**
Ductless Heat Pump	**kWh**	**3,413**	**$0.07**	**$20.51**	**250.00%**	**100.00%**	250%	**$8.20**	**12,189,286**
Fuel Oil Furnace	Gallon	138,000	$3.75	$27.17	70.00%	70.00%	49%	$55.46	**1,803,200**
Fuel Oil Hydronics	Gallon	138,000	$3.75	$27.17	85.00%	95.00%	81%	$33.65	**2,971,600**
Propane Furnace	Gallon	92,000	$2.59	$28.15	70.00%	70.00%	49%	$57.45	**1,740,541**
Propane Stove/Fireplace	Gallon	92,000	$2.59	$28.15	65.00%	100.00%	65%	$43.31	**2,308,880**
Wood	Cord	12,000,000	$175.00	$14.58	60.00%	100.00%	60%	$24.31	**4,114,286**
Pellets (wood)	Ton	16,000,000	$180.00	$11.25	70.00%	100.00%	70%	$16.07	**6,222,222**

Directions for use: **Using the information provided within your monthly utility billing statement to edit the "Cost Per Unit" value that your utility charges for fuel/power.**

Data provide with this sheet is an average cost for the region and may not accurately reflect your local utility costs

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