Chart comparing the basic heating value of wood with the averages of other common fuels*

$280/dry cord, 77% efficiency
$10.60/MMBtu for wood

$4.50/gal 150 gal, 83% efficiency
$39.13/MMBtu for oil

Wood[1]	Available heat	Number 2 Fuel Oil[2]	Natural Gas[3]	LP Gas[4]	Electric heat[5]
	million Btu**	gallons**	100 cubic feet**	gallons**	kilowatt hours**
Hickory	24.6	177.5	246	270.3	7,235
White Oak	22.7	163.8	227	249.5	6,676
Beech	21.8	157.3	218	239.6	6,412
Yellow Birch	21.3	153.4	213	234.1	6,265
Red Oak	21.3	153.4	213	234.1	6,265
Sugar Maple	21.3	153.4	213	234.1	6,265
White Ash	20.0	144.3	200	219.8	5,882
Red Maple	18.6	134.2	186	204.4	5,471
American Elm	17.2	124.1	172	189.0	5,059
White Pine	13.3	96.0	133	146.2	3,912
Poplar	12.5	90.2	125	137.4	3,676

* when figured at 100 percent burning efficiency

** units needed to equal one cord

[1] Wood available heat at 20% moisture 7,000 Btu per pound

[2] Number 2 fuel oil available heat 138,600 Btu per pound

[3] Natural gas available heat 1,000 Btu per 100 cubic feet

[4] LP gas available heat 91,000 Btu per gallon

[5] Electricity available heat 3,400 Btu per kilowatt hour

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