

# Woodfuel - the reliable renewable energy



## Fact Sheet

**What is woodfuel? Why should we use it? Where can it be sourced? How much does it cost? This fact sheet gives the reasons for using woodfuel and details local suppliers of wood burning products and supplies.**

### What is woodfuel?

Woodfuel is wood used as fuel. Globally the burning of wood is the largest use of energy derived from a solid fuel biomass. Worldwide woodfuel has many uses, including cooking and drying crops but in the UK woodfuel is generally used to heat water for hot water provision and heating. In larger applications woodfuel can be used for fuelling steam turbines that generate electricity.

Firewood logs and woodchip processed from primary timber, either virgin or clean waste wood. Heat logs and wood pellets are derived from industry by-products and sawmill residues.

### Why use woodfuel?

The use of woodfuel is carbon-neutral. Trees take carbon out of the atmosphere as they grow and returns it as wood is burned.



Burning fossil fuels emits CO<sub>2</sub>

This results in a closed carbon cycle with no net increase in atmospheric CO<sub>2</sub> levels. Woodfuel does not contribute to the emission of greenhouse gases. It is therefore an environmentally-sound choice as a fuel.

### Cost of woodfuel systems

Generally, woodfuel heating and hot water systems cost more than their fossil fuel equivalents. For large, fully automated woodchip systems, the cost can be 2 to 2½ times more expensive. This difference can be made up by the savings in fuel costs.

### Local stove/boiler suppliers

Town and Country Fires  
Pickering  
Tel: 01751 474803  
[www.townandcountryfires.co.uk](http://www.townandcountryfires.co.uk)

Living Fire Centre  
Northallerton  
Tel: 01609 780256  
[www.livingfirecentre.com](http://www.livingfirecentre.com)

Manco Energy  
North Newbald  
Tel: 01430 828660  
[www.mancoenergy.com](http://www.mancoenergy.com)

### Firewood/log suppliers

C S Timber Services  
Wintringham  
01944 759137

John Tunnicliffe  
Ryton  
07960 423227

Yorkshire Hurdles  
Whitwell on the Hill  
01653 618892

Mike and Jayne Hirst  
Easington  
01287 643044

David Shaw  
Lealholm  
01947 897445

### Woodchip suppliers

Duncombe Sawmill  
Helmsley  
01439 770234

B M and R Stephenson  
Helmsley  
01430 860564

Denton Park Woodchip Services  
Ilkley (Coxwold Depot opening)  
01943 813398



Wood pellets

### Heat log and pellet suppliers

Highside Timber  
Kirkby Malzeard  
01765 658159

Renewable Fuels Ltd  
Escrick, York  
01904 720575

Manco Energy  
North Newbald  
01430 828660

The lists above are not exhaustive and although compiled in good faith do not imply recommendation.

For free and impartial advice about woodfuel contact:

**YORWOODS**

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Copt Hewick, RIPON, HG4 5DF

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