

MICROGENERATION

Biomass



What is it?

Biomass heating systems generate heat from the burning of organic materials, such as wood. Larger than a conventional boiler, they are usually placed in an outbuilding or utility area. Dry storage facilities are also required for fuel stocks.

How does it work?

Materials such as wood pellets, wood chips or wood logs are burnt in a stove which generates hot air. This is then used to heat the hot water boiler which supplies the central heating and hot water systems. A flue is then used to expel smoke into the atmosphere.

Benefits

- > Reduce your heating bills
- > Protect yourself against rising energy costs
- > Reduce your CO₂ emissions

What are the potential savings?

According to the Energy Saving Trust, the potential annual savings, in a typical 3 bedroom semi-detached house could be up to:

> **£720**

What are the typical costs?

If you were to have this measure installed without Green Deal, this would typically cost you upfront:

> **£5,000 - £11,500 depending on the size of the biomass heating system.**



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How can I benefit from Green Deal?

By taking advantage of the Green Deal, you may receive finance to have these energy-saving improvements installed in your home at no full upfront cost. The savings you make will always be greater than the cost of repayments on the measures installed.

Will it be suitable for my home?

A biomass boiler can provide an alternative method of heating for properties where there is no access to a mains gas supply. Additional space will be required for the storage of biomass fuel. Your NICEIC Green Deal Advisor will provide you with impartial advice on the measures most suitable for your home.

Where and how is it installed?

Biomass boilers are larger than gas or oil boilers and therefore are usually located in an outbuilding or utility area. They are then connected to the hot water or central heating system. A flue pipe will be required to expel excess smoke.

What do I need to do next?

Step 1

Get an energy assessment report completed on your home by an NICEIC Green Deal Advisor.

Step 2

Present your report to a Green Deal Provider who will assess whether to approve the finance on the measures you wish to install and coordinate your Green Deal plan.

Step 3

If approved, the Green Deal Provider can arrange for the installation to be carried out by an NICEIC Green Deal Installer.

Step 4

Once installed, your Green Deal payments will be included as instalments in your energy bill. This will be arranged for you by your Green Deal Provider and your energy supplier.

Click here to join
or call **0843 290 3518**

to find a certified **Green Deal** Advisor, Provider and Installer to start your Green Deal now.