



Article published on May 29th 2012 | [Technology](#)

Plants convert solar energy of the sun into chemical energy and which in turn is utilised by the human beings when they are being consumed as food. But there is another way in which the stored energy of the plants can be utilised by the humans. And that is Biomass. The literal meaning of biomass would be the organic matter such as crops, wood, trash which has some stored form of solar energy liable to be utilised as chemical energy. When we talk of renewable energy, only wind and sun comes to our mind. But this is also one of the major sources of renewable energy and in the coming times, its demand would be higher than most of the other sources of energy.

The biomass can be utilised either by direct combustion or by co firing it with other material. The direct combustion method is widely used and for that, biomass boilers are available. The biomass energy so obtained is utilised for the generation of heat and electricity. There are different types of boilers which incorporate different types of material to be utilised as biomass. It can either incorporate wood chips or wood pallets or wood logs. Accordingly the specifications differ. There are many benefits of installing biomass boilers and some of them are discussed below:

Eco friendly: This is the major advantage of going for a biomass boiler. The energy being produced by the boilers is devoid of carbon and thus it leads to production of pollution free chemical energy which can further be utilised for the generation of electricity.

Efficiency: It is any day better than the open air burning because it is restricted to a closed room and thus the flow of air is very much restricted. This makes it more liable to used and installed in places where the trees are being planted on regular basis as biomass is to be used as a renewable source of energy. And this also adds to the efficiency as the source is easily available.

Simplicity: The boilers are easy to set up the maintenance is also very less. They can simply be attached to any existing system. The above mentioned qualities make them cost efficient as well.

These are some of the reasons why people should go for the utilisation of biomass energy. Freerenewablesolarpower is an online firm which deals with the installation of biomass boilers and other solar panels and photovoltaic. They have been working hard to make the environment pollution free and thus also deal with providing free loft insulation grants. So go for it and do your bit to save the environment!

Article Source:

<http://www.articleside.com/technology-articles/the-benefits-of-opting-biomass-boilers.htm> - [Article Side](#)

[Fifth Ruler](#) - About Author:

Alva Northern Ltd is one of the fastest growing home insulation & solar PV installation companies in the UK. Our staff are fully trained in undertaking the necessary surveys to see if your home can be insulated under the current government grant schemes. using a [biomass boilers](#) are that wood fuel can be characterised as carbon- neutral, these boilers provide a sustainable, efficient a [biomass energy](#) solution.

Article Keywords:

biomass boilers,biomass energy

You can find more [free articles](#) on [Article Side](#). Sign up today and share your knowledge to the community! It is completely FREE!