

## ***GROUND SOURCE HEAT PUMPS***

Ground source heat pumps are one of the most efficient types of heating system available today.

A ground source heat pump system extracts the natural ambient heat found underground and then utilises a pump to increase this to a higher temperature. This heat can be used for heating your home or providing hot water.

This type of system is more suited to new builds, especially those with underfloor heating. The system does require electricity to operate the pump, but this usage is lower than the energy it produces.

On average for every 1kW of energy used 4kW of heating energy is generated.

For more information on this style of heating system, please follow the link below.

<http://www.energysavingtrust.org.uk/Generate-your-own-energy>