

Ewe Close Farm, Bakewell



The Background

Ewe Close Farm is owned by Chatsworth Estates and the farmhouse has recently undergone a major refurbishment before being let to one of the estate's managers. However the farmhouse was still being heated by the existing 24/32kw oil boiler in the adjacent barn, and annual usage was estimated to be 38,000kwh at a cost of nearly £2500 per annum. The sustainability manager asked us to find the best eco solution from all the various technologies.



The Installation

- 1 x ETA PC-32KW Pellet Compact Biomass Boiler
- 1 x 1000 litre Buffer tank
- 1 x ETA 5 tonne silo storage with auto feed system
- ETA Control systems

The Benefits

- RHI Income Over 7 years = £34,465
- Fuel saving of £7626 over 7 years.
- 12.8 tonne reduction in CO2 emissions per annum