

Manor Park Farm thrilled with installation of Biomass Pellet Boiler

Blake Ecotec provide full heating and hot water solution to Shepton Mallet Farm.

Key Facts

The Client;

Mr. Paul Rothwell.

The Property;

Manor Park Farm, Park Lane, Downhead, Shepton Mallet (Domestic).

The Project Included;

ETA PE-K Wood Pellet 45kW Boiler.

2 x 500litre Buffer Tanks.

Internal Wood Pellet Store.

Pay Back Period;

3-4 years (combining RHI income & fuel cost saving).

RHI Payments;

A project of this size would gain approximately £61,233.54 in RHI payments over 7 years.

Total Cost;

£31,132.50

The Project Summary

Following an initial Energy Performance Certificate survey being carried out on the farmhouse at Manor Park Farm it was deemed that a total of 65,503 kWh would be required from the Blake Ecotec Biomass solution.

The ETA PE-K Wood Pellet 45kW Boiler we installed is a robust, long-life boiler suitable for heating larger buildings.

Flexible positioning with pneumatic pellet feed from a remote store the solution automatically feeds pellets to the boiler in only 10 minutes.

A 5.7 " ETA Touch screen system is easy to understand and the entire solution is remotely operational via Smart phone.

The Renewable Heat Incentive (RHI)

Manor Park Farm's boiler configuration included a Pellet Boiler, Thermal Store and Pellet Store. Our solution was compliant within the 7 year Domestic Renewable Heat Incentive (RHI) scheme.

Mr. Rothwell will receive RHI payments of 12.2p per kWh through submitting quarterly meter readings to OFGEM. The scheme will earn £61,233.54 over 7 years and when this is added to the estimated fuel cost savings that will reach £14,017.93, the installation will gain a total of £75,251.47.

The RHI payments and the fuel cost savings made will see the initial outlay paid off in just 3-4 years.

Customer Feedback

"Really happy with the system and its doing a great job of keeping a large draughty property warm."

"Found the team professional and knowledgeable from inception to installation. They overcame some big challenges with the install with a positive can-do attitude."

– Mr. Paul Rothwell.

Find out more about our Renewable Heating Solutions

Contact Blake Ecotec on +44 (0)333 600 56 57 or visit www.blakeecotec.co.uk