

Case Study

WHITEHILL STORAGE COMPANY GRAIN DRIER



Key Facts

System: Provides heat to two grain driers

Boiler: Kalvis M-1 950 (950 kW)

Fuel type: Woodchip

Potential RHI Income: **£65,411** every year for 20 years, index linked

Financial information based on current RHI figures—installations accredited on or after 1 April 2016



Installer Partner of



Case Study

WHITEHILL STORAGE COMPANY GRAIN DRIER

Project Brief

Whitehill Storage Company process and store up to 35,000 tonnes of rapeseed, barley, wheat and oats per year. Drying grain demands a large amount of heat and at harvest time the facility operates 24 hours a day drying 20-25 tonnes per hour.

In response to the ever-increasing cost of LPG and having a local supply of woodchip, Whitehill Storage Company approached Turblown Ltd. to provide them with a biomass solution.

Biomass Solution

Turbblown Ltd installed a Kalvis M-1 950 biomass woodchip boiler which supplies heat to two grain driers.

A large, purpose built shed was put in place to house the boiler, heat exchanger and fuel delivery system.

Heat is distributed via an underground loop, meeting the heating needs of two grain driers.

Result

- Unlimited heating to two grain driers
- Considerable fuel savings—reduced fuel bill by £35,000
- Significant return from Renewable Heat Incentive
- Fuel tolerant, easy to use and highly efficient system

Turbblown Ltd

Experts with Biomass

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