

Leckerstone Farm - Wood Chip Biomass Boiler Case Study

System: 50kWth wood chip boiler with 3

meter diameter agitator & 3000

litre thermal storage

Fuel: G30 virgin timber wood chip

Delivery method: Blowen delivery

RHI Income: £5,450.00

CO2 Saving: 16 tonnes

Fuel Saving: 30%



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Leckerstone Farm: The Sustainable Heating Solution

Based outside Dunfermline Leckerstone Farm is a large arable farm run by John Hutcheson who is also the Chairman of the Tayforth Machinery Ring. Having seen the installation we provided to the TMR main offices John was able to see first-hand the quality of installation provided and the actual benefits that the TMR were receiving from their biomass boiler installation. John recognised that there was an opportunity to provide heating to his farm house and separate farm office that would reduce the heating costs and also generate an income from the Renewable Heat Incentive.

The Biomass Solution

Scot Heating Company Ltd have supplied and installed a Heizomat HSK – RA 50 wood chip boiler with a rated output of 47kWth to meet the heating and hot water demands of the main farm house and farm office. The installation replaced an old log boiler and the new Heizomat boiler tied directly into a 3000 litre buffer tank that was able to be re-used from the original installation. With a local source of dry timber and timber resources from the farm land John is able to fuel his installation at a low cost from a sustainable source that provides a more secure and stable cost in comparison to heating oil.

Service and Support

Scot Heating Company Ltd provided complete system training on commissioning and hand over of the completed installation and offer an annual service and maintenance package and a 24/7 stand by and engineers call out service if required.









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