

Biomass wood log boiler

ETA SH 60 kW

District heating to 2 properties, Duns



Installation project

Our client contacted Border Eco Systems to design, supply, install then maintain a log boiler to supply heat and hot water to both their Estate house plus holiday cottage.

An existing old cart shed was renovated to house the new plant room. While the property is listed all planning applications were approved. Due to height clearance, Border Eco Systems designed a tank for bespoke manufacture, to fit perfectly into the plant room and maximise the buffer's storage capacity.

Two separate existing oil boilers were replaced by heat exchangers for the biomass. One has been recycled as a back-up in view of holiday guests during times such as maintenance. The log boiler does control running of the oil boiler.

- ▶ **Boiler type** ETA SH 60 kW
- ▶ **Flue system** New 904 metal flue liners fitted into existing chimney stacks
- ▶ **Estimated fuel use** 30 tonnes per annum
- ▶ **Service requirements** empty ash once a month and annual boiler service

Client testimonial

Coming recommended we were impressed, Neil showed great enthusiasm, knowledge, attention to detail. Nothing was too much trouble. Providing a detailed quote which covered all aspects and sticking to it - no hidden surprises. His experience shone through - he took time, fully discussed options, really matched our requirements, made clever use of available space. Our house is now toasty warm even in the worst winter weather. Without hesitation we recommend Border Eco Systems.