

INSTALLATION PARTNER:

# DUNSTER

BIOMASS HEATING

Dunster Biomass Scotland / [www.dunster.biz](http://www.dunster.biz)

## COMMERCIAL INSTALLATION

### Country House, Moray 200kW ETA Biomass Boiler

#### PROJECT:

The customer had recently purchased a large country house in need of renovation. It was heated by electric night storage radiators which were ineffective, unsightly and yet still generated bills of over £1,000 per month in summer. A more effective, economic and environmentally friendly alternative was required and, following an assessment of a range of options, a wood chip fuelled biomass boiler was chosen.

#### SOLUTION:

An effective and economical heating system has transformed the house as it is now heated fully for the first time in its long history. Integrated ETA controls allow independent operation of numerous heating zones to suit occupancy patterns whilst networking between the house and the remote plant room ensures that losses are kept to a minimum. An added advantage is that estate forestry residues can now be used as fuel providing an economic incentive to actively manage the woodlands around the house.

BOILER TYPE	200kW ETA HACK Boiler
FUEL TYPE	Wood Chip
FUEL SAVINGS	£7,500 / year
RHI REVENUE	£16,000 / year
TOTAL REVENUE	£23,500 / year
PAYBACK TIME	5.5 years
CO <sub>2</sub> SAVINGS	> 90 tonnes / year