



SCOT HEATING COMPANY
BEST IN BIOMASS

Arndean Estate

FISCHER
Heat for Generations

Arndean Estate - Wood Log & Pellet Biomass Boilers Case Study

System:	100kW Fischer TX50 Log Boiler and PX50 Pellet Boiler with 4000 litre of thermal storage
Fuel:	Split seasoned logs at 20%MC ENPlus A1 6mm wood pellets
Delivery method:	Blown delivery
Fuel replaced:	Oil
CO2 Saving:	27 tonnes
Fuel Saving:	28%



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Arndean Estate: Striving for Self-Sufficiency

With expansive views of the surrounding Ochill Hills Arndean is one of Central Scotlands most charming Estates. With public gardens, farming activities, shooting, fishing and forestry management Arndean is also one of Central Scotland's busiest Estates. With the combination of the Renewable Heat Incentive, rising fuel costs and expansive timber resources Johnny Stewart realised that now was the timber to install a biomass heating system to push his Estate to becoming self-sufficient in meeting its heating requirements.

The Biomass Solution

Scot Heating Company have installed a Fischer TX50 log gasification boiler providing 50kWth output to meet the heating needs of the Estate House, offices and outbuildings fuelled with seasoned logs harvested from the Estates own forestry operations. A Fischer PX50 pellet boiler has also been installed to suit the working life that comes with operating a busy Estate – when Johnny is not able to fuel and stack the TX50 the PX50 kicks in and meets the heating requirements and also acts as increased capacity during the winter months. 4000 litres of thermal storage have also been installed.

Service and Support

Scot Heating Company provided complete system training and advise on the increased operation that comes with operating a log gasification boiler and provide a full service and maintenance package to with 24/7 stand by and engineer call out should it be required.



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