

National Trust Ickworth House



Project History

Following the announcement of a £3.5 million investment into 5 pilot “renewable energy projects”, The National Trust tendered and commissioned Nexus Energy to install a biomass boiler at the Ickworth House National Trust site in Suffolk. The Ickworth biomass boiler replaces an oil boiler fed by a 5,000 litre oil tank, providing heating to the West Wing and iconic Rotunda at this key visitor attraction in the region.



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Solution

A Heizomat RHK-AK 200 woodchip boiler with a 5 metre agitator system was chosen as the right solution to deliver space-heating and domestic hot water to the site.



The unique energy Centre and fuel store is situated within the old Gardener's Shed, a 1960's building designed to reflect the properties Italian architecture.

The building has been designed to allow the public to view the installation through windows in both the boiler room and fuel store. Information panels will help the public to understand the process and its wider implications with visitors encouraged to walk through the back of the West Wing so they can have a good look at the installation.



Boiler Room / Fuel Store

The new heating system at Ickworth House now permits the site to be 'self sufficient', allowing it to utilise its 600 acres of woodland and with the site expanding by an estimated 460 trees per annum the estate can support the woodfuel supply without any reduction on overall tree numbers.

The project will reduce Ickworth House's carbon emission by more than 100 tonnes and a saving of 38,202 litres of oil each year is also anticipated.