



CASE STUDY

Wood Fuelled Heating for Oakengates Leisure Centre, Telford



Oakengates Leisure Centre is a multi-purpose facility comprising squash courts, swimming pool, gym and sports hall.

In March 2004, a wood fuelled boiler was installed to replace two ageing oil fired boilers. Telford and Wrekin Council identified the site as a potential opportunity for wood heating and Marches Wood Energy Network facilitated the development.

The 320 kW Compte wood chip boiler provides base load heating for the centre, and an oil fired boiler provides peak load and back-up capacity. A 'Heat Contract' is in place with Econergy Ltd (www.econergy.ltd.uk) to operate the boiler. Fuel supply is sub contracted to Midlands Wood Fuel Ltd (www.wood-fuel.co.uk).

The system uses around 350 tonnes of wood fuel per year, generating 1,225 MWh of heat per year and cutting around 257 tonnes of carbon dioxide emissions each year.

The boiler was part funded by Advantage West Midlands.

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Oakengates Leisure Centre, Telford

