


KT54 Torry Hill biomass boiler	Installation details
	<p>Owner: <b>John Leigh-Pemberton</b>            Site address: <b>Torry Hill            Milstead            Sittingbourne            Kent            ME9 0SP</b>            Grid reference: <b>TQ908572</b>            Local Authority: <b>Kent CC / Maidstone BC</b>            Renewable energy category: <b>Biomass</b>            Status: <b>Operational</b>            Date: <b>July 2006</b></p>
Technical information	Socio-economic & environmental data
<p>Technology type: <b>'TDS Powerfire' woodchip boiler with district heating</b>            Manufacturer / Installer: <b>KWB / Econergy</b>  <a href="http://kwb.at/en/">kwb.at/en/</a> <a href="http://econergy.ltd.uk/">econergy.ltd.uk/</a>            Energy input: <b>Woodchip from onsite sweet chestnut coppice</b>            Consumption rate: <b>200 tonnes/year</b>            Installed capacity: <b>Electric: -            Thermal: 150 kWth</b>            Annual energy output: <b>Electric: -            Thermal: 225 MWh/year</b>            Supplying energy to: <b>Electric: -            Thermal: Heat &amp; hot water for 7 flats, stable, pool &amp; large barn</b></p>	<p>Main driver: <b>Financial savings</b>            Social benefits: <b>Stimulate local wood economy as other uses dying out; encourage biodiversity (e.g. bluebells)</b>            Jobs created/sustained: <b>Directly: -            Indirectly: -</b>            New business startups: <b>-</b>            Financial benefits: <b>£20,000/year</b>            Capital cost (inc grant funding + body): <b>£70,000 (£6,000 Bioenergy Capital Grants Scheme; £ Kent Downs AONB)</b>            Likely fossil fuel alternative: <b>Heating oil</b>            Greenhouse gas emissions displaced: <b>68 tonnes CO<sub>2</sub>/year</b>            Equivalent no. of homes supplied: <b>Electricity: -            Thermal: 7.5</b></p>