



TV04 Elvendon Priory biomass boiler	Installation details
 	<p>Owner: <b>Elvendon Priory</b>            Site address: <b>The Old Stable            Elvendon Road            Goring-on-Thames            Oxfordshire            RG8 0LS</b></p> <p>Grid reference: <b>SU624813</b>            Local authority: <b>Oxfordshire CC / South            Oxfordshire DC</b></p> <p>Renewable energy category: <b>Biomass</b>            Status: <b>Operational</b>            Date: <b>1999</b></p>
Technical information	Socio-economic & environmental data
<p>Technology type: <b>Biomass combustion boiler</b>            Manufacturer / installer: <b>Talbotts Ltd / Talbotts Ltd</b>  <a href="http://www.talbotts.co.uk">www.talbotts.co.uk</a>            Energy input: <b>Chipped forestry residue and wood waste</b>            Consumption rate: <b>125 fuel-ready tonnes/year</b>            Installed capacity: <b>Electric: -            Heat: 300 kWth</b></p> <p>Annual energy output: <b>Electric: -            Heat: 510 MWh/year</b></p> <p>Supplying energy to: <b>Electric: -            Heat: Priory building</b></p>	<p>Main drivers: <b>Utilising natural resources</b>            Social benefits: <b>Forestry management</b></p> <p>Jobs created/sustained <b>Directly: -            Indirectly: -</b>            New business startups: <b>-</b>            Financial benefits: <b>£5,650/year</b></p> <p>Capital cost (inc grant funding + body): <b>£30,000</b>            Likely fossil fuel alternative: <b>40% gas, 40% oil and 20%            electricity (estimated)</b>            Greenhouse gas emissions displaced: <b>131 tonnes CO<sub>2</sub>/year</b></p> <p>Equivalent no. of homes supplied: <b>Electricity: -            Heat: 25</b></p>