


TV12 Norbury Park Sawmill wood boiler/ kiln & solar thermal	Installation details
	<p>Owner: <b>Surrey County Council / Surrey Wildlife Trust</b></p> <p>Site address: <b>Norbury Park Workshop Mickleham Surrey RH5 6DN</b></p> <p>Grid reference: <b>TQ160537</b></p> <p>Local authority: <b>Surrey CC / Mole Valley DC</b></p> <p>Renewable energy category: <b>Biomass + Other thermal (solar)</b></p> <p>Status: <b>Operational</b></p> <p>Operational since: <b>January 2003/February 2005 +</b></p>
Technical information	Socio-economic & environmental data
<p>Technology type: <b>Biomass combustion boiler/drying kiln + solar thermal collectors</b></p> <p>Manufacturer / Installer: <b>Talbotts Ltd / Talbotts Ltd + Mescoli Gassel QuickStart / Bioenergy Technology Ltd <a href="http://www.talbotts.co.uk">www.talbotts.co.uk</a> <a href="http://www.bioenergy.org">www.bioenergy.org</a></b></p> <p>Energy input: <b>Industrial wood residue</b></p> <p>Consumption rate: <b>tonnes/year</b></p> <p>Installed capacity: <b>Electric: - Heat: 70 + 3 kWth</b></p> <p>Annual energy output: <b>Electric: - Heat: 92 + 3 MWh/year</b></p> <p>Supplying energy to: <b>Electric: - Heat: Heating for joinery (boiler)/dry timber (kiln) + hot water</b></p>	<p>Main drivers: <b>Make economic use of waste wood from the sawmill</b></p> <p>Social benefits: <b>Education</b></p> <p>Jobs created/sustained <b>Directly: 2 Indirectly: 4</b></p> <p>New business startups: <b>-</b></p> <p>Financial benefits: <b>£3,000/year</b></p> <p>Capital cost (including grant funding and body): <b>£16,000 (£8,000 SEEDA) + £15,000 (£8,500 Clear Skies &amp; Reach)</b></p> <p>Likely fossil fuel alternative: <b>Heating oil</b></p> <p>Greenhouse gas emissions displaced: <b>28 + 1 tonnes CO<sub>2</sub>/year</b></p> <p>Equivalent no. of homes supplied <b>Electricity: - Heat: 5 + 0.2</b></p>