


<p>TV12a-c Norbury Park Sawmill boiler, kiln and solar PV</p>  <p>Norbury Park Sawmill wood-fuelled boiler, Surrey</p>	<p>Installation details</p> <p>Owner: Surrey County Council / Surrey Wildlife Trust</p> <p>Site address: Norbury Park Workshop Mickleham Surrey RH5 6DN</p> <p>Grid reference: TQ160537</p> <p>Local Authority: Mole Valley District Council</p> <p>Renewable energy category: Biomass + Solar PV</p> <p>Status: Operational + Priority prospect</p> <p>Operational since: January 2003 + February 2005 + -</p>
<p>Technical information</p> <p>Technology type: Two biomass combustion boilers + Solar PV</p> <p>Manufacturer / Installer: 1.Talbotts Ltd / Talbotts Ltd 2.Mescoli Gaselle QuickStart / Bioenergy Technology Ltd</p> <p>Fuel or feedstock: Industrial wood residue</p> <p>Consumption rate: tonnes/year</p> <p>Installed capacity: Electric: - kW_e Thermal: 50 + 20 kW_{th}</p> <p>Annual energy output: Electric: - MWh/year Thermal: 52 + 40 MWh/year</p> <p>Supplying energy to: Electric: - Thermal: Heat joinery, dry timber in kiln</p>	<p>Socio-economic & environmental data</p> <p>Main drivers: To utilise the waste wood from the sawmill</p> <p>Social benefits: Education</p> <p>Jobs created/sustained: Directly: 2 Indirectly: 4</p> <p>New business startups: -</p> <p>Financial benefits: £3,000/year</p> <p>Capital cost (including grant funding and body): £16,000 (£8,000 SEEDA) + £15,000 (£8,500 Clear Skies & Reach)</p> <p>Likely fossil fuel alternative: Oil</p> <p>Greenhouse gas emissions displaced: 35 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Thermal: 5.0</p>