


KT55 Godinton Park biomass boiler	Installation details
 <p><i>www.alterenerg.com</i></p>	<p>Owner: Godinton Park Site address: Godinton House and Gardens Godinton Lane Ashford Kent TN23 3BP</p> <p>Grid reference: TQ981438 Local Authority: Kent CC / Ashford BC Renewable energy category: Biomass Status: Operational Date: August 2006</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Woodchip-fuelled boiler, USV40 model Manufacturer / Installer: KWB / Econergy</p> <p>Energy input: Wood chip from chestnut coppice Consumption rate: 15 dry tonnes/year</p> <p>Installed capacity: Electric: - Heat: 40 kWth</p> <p>Annual energy output: Electric: Heat: 50 MWh/year</p> <p>Supplying energy to: Electric: - Heat: 3 holiday homes on site</p>	<p>Main driver: Cost-effective heating</p> <p>Social benefits: Good woodland management, good publicity, promotes local wood fuel economy</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £1,350/year</p> <p>Capital cost (inc grant funding + body) £10,000 Likely fossil fuel alternative: Heating oil</p> <p>Greenhouse gas emissions displaced: 12.5 tonnes CO₂/year Equivalent no. of homes supplied: Electricity: - Heat: 2.5</p>