


HW46 Queen Elizabeth Country Park biomass boiler	Installation details
	<p>Owner: Hampshire CC / Forestry Commission</p> <p>Site address: QECV Visitor Centre Horndean/Petersfield Hampshire PO8 0QE</p> <p>Grid reference: SU719185</p> <p>Local authority: Hampshire CC / East Hampshire DC</p> <p>Renewable energy category: Biomass</p> <p>Status: Operational</p> <p>Date: 2006</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 'RRK 80-175' woodchip-fuelled boiler</p> <p>Manufacturer / Installer: Binder / Wood Energy Ltd</p> <p>Energy input: Forestry-derive hardwood chip</p> <p>Consumption rate: 50 tonnes/year at 30% moisture content</p> <p>Installed capacity: Electric: - Thermal: 175 kW</p> <p>Annual energy output: Electric: - Thermal: 270 MWh/yr</p> <p>Supplying energy to: Central heating and hot water for Visitor Centre, office & café</p>	<p>Main driver: Cut greenhouse gas emissions</p> <p>Social benefits: Environmental education: shop window effect</p> <p>Jobs created/sustained: Direct: - Indirect: -</p> <p>New business startups: -</p> <p>Financial benefits: £2,500 /year</p> <p>Capital cost (inc grant funding and body): £118,000 (grants: EDF, DTI Bioenergy, DTI Clear Skies, Forestry Comm., E. Hants AONB, Hants CC, SEEDA, Natural Light Partnership)</p> <p>Likely fossil fuel alternative: Natural gas</p> <p>Greenhouse gas emissions displaced: 57 tonnes CO2/year</p> <p>Equivalent no. of homes supplied: 15</p>