


TV112 Curzon School biomass boiler	Installation details
	<p>Owner: Curzon CE Combined School</p> <p>Site address: School Lane Penn Street nr Amersham Buckinghamshire HP7 0QL</p> <p>Grid reference: SU925964</p> <p>Local authority: Buckinghamshire CC / Chiltern DC</p> <p>Renewable energy category: Biomass</p> <p>Status: Operational</p> <p>Date: May 2005</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 'USV-D60' automatic combustion boiler/hopper</p> <p>Manufacturer / Installer: KWB / Econergy www.econergy.ltd.uk</p> <p>Energy input: TV Bioenergy woodchip (W30) from local woodland</p> <p>Consumption rate: 127 fuel-ready tonnes/year</p> <p>Installed capacity: Electric: - Thermal: 60 kWth</p> <p>Annual energy output: Electric: - Thermal: 51 MWh/year</p> <p>Supplying energy to: Electric: - Thermal: Space heating for school</p>	<p>Main project drivers: Replacement boiler required, fuel savings</p> <p>Social benefits: Educational value to children, local community, improved amenity value of local woodland</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £1,500/year</p> <p>Capital cost (inc grant funding and body): £41,300 (£20,000 SEEDA)</p> <p>Likely fossil fuel alternative: Heating oil</p> <p>Greenhouse gas emissions displaced: 16 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 2.8</p>