

KT51 Canterbury EEC energy education project	Installation details
	<p>Owner: Canterbury Environmental Education Centre</p> <p>Site address: Broad Oak Road Canterbury Kent CT2 7PX</p> <p>Grid reference: TR155592</p> <p>Local Authority: Kent CC / Canterbury CC</p> <p>Renewable energy category: Onshore wind + Solar PV + Other thermal</p> <p>Status: Failed (non-technical reasons)</p> <p>Date: December 2005</p>
Technical information	Socio-economic & environmental data
<p>Technology type: WT6000 wind turbine, Kyocera photovoltaic panels, 2x G1000-4 flat-plate solar thermal panels</p> <p>Manufacturer / Installer: Proven + Kyocera + Genersys / CPL Energy Systems (Hoo, Rochester) + Cel-f Solar Systems Ltd cel-f-solar.com</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 6 + 1 kWe Heat: 1 kWth</p> <p>Annual energy output: Electric: 10 + 1.1 MWh/year Heat: 1.6 MWh/year</p> <p>Supplying energy to: Electric: Heat:</p>	<p>Main driver:</p> <p>Social benefits: Schoolchildren's education & public education</p> <p>Jobs created/sustained Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant funding + body) £43,184 (£27,096 from EDF)</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 6.0 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied Electricity: 2.2 Heat: 1.4</p>