


TV158 John Hampden School PV	Installation details
	<p>Owner: <b>John Hampden Grammar School</b></p> <p>Site address: <b>Marlow Hill High Wycombe Bucks HP11 1SZ</b></p> <p>Grid reference: <b>SU856916</b></p> <p>Local authority: <b>Buckinghamshire CC / Wycombe DC</b></p> <p>Renewable energy category: <b>Onshore wind</b></p> <p>Status: <b>Operational</b></p> <p>Date: <b>November 2006</b></p>
Technical information	Socio-economic & environmental data
<p>Technology type: <b>40x 120Wp 'GB-SOL120F' photovoltaic panels</b></p> <p>Manufacturer / Installer: <b>GB-Sol / PV Systems</b>  <a href="http://www.pvsystems.com">www.pvsystems.com</a></p> <p>Energy input: <b>-</b></p> <p>Consumption rate: <b>-</b></p> <p>Installed capacity: <b>Electric: 4.8 kW<sub>e</sub> Heat: -</b></p> <p>Annual energy output: <b>Electric: 3.2 MWh/year Heat: -</b></p> <p>Supplying energy to: <b>Electric: School; surplus to local grid Heat: -</b></p>	<p>Main driver: <b>Demonstrate renewables, education</b></p> <p>Social benefits: <b>Educational value</b></p> <p>Jobs created/sustained: <b>Directly: - Indirectly: -</b></p> <p>New business startups: <b>-</b></p> <p>Financial benefits: <b>£190/year</b></p> <p>Capital cost: <b>£34,800 (£17,000 DTI PV Major Demo Programme)</b></p> <p>Likely fossil fuel alternative: <b>Electricity from grid</b></p> <p>Greenhouse gas emissions displaced: <b>1.7 tonnes CO<sub>2</sub>/year</b></p> <p>Equivalent no. of homes supplied: <b>Electricity: 0.8 Heat: -</b></p>