


TV01 Reading University BIPV roof	Installation details
	<p>Owner: The University of Reading Site address: Engineering Building School of Construction Management & Engineering The University of Reading Whiteknights Reading Berkshire RG6 6AY</p> <p>Grid reference: SU735715</p> <p>Local authority: Reading Borough Council</p> <p>Renewable energy category: Solar PV</p> <p>Status: Operational</p> <p>Date: May 1999</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Building-integrated polycrystalline solar photovoltaics</p> <p>Manufacturer / Installer: BP Solar / Solar Technologies www.solartechnologies.co.uk</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 7.5 kWe Heat: -</p> <p>Annual energy output: Electric: 3.9 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Engineering building; surplus to local grid Heat: -</p>	<p>Main drivers: Education & research</p> <p>Social benefits: Student, staff & public education</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £300/year</p> <p>Capital cost (inc grant funding + body): £80,000</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 1.7 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 0.8 Heat: -</p>