


HW02 Southampton University solar PV	Installation details
	<p>Owner: University of Southampton Site address: Building 2 Highfield Campus Southampton Hampshire</p> <p>Grid reference: SU423152 Local Authority: Southampton City Council Renewable energy category: Solar PV Status: Operational + Under construction Date: 1998 +</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Monocrystalline PV panels</p> <p>Manufacturer / Installer: Romag & BP Solar / Sustainable Energy Research Group www.bpsolar.com</p> <p>Energy Input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 7.2 + 7.2 kWe Heat: -</p> <p>Annual energy output: Electric: 4.0 + 15 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Electricity grid Heat</p>	<p>Main driver: Coincided with refurbishment of building</p> <p>Social benefits: Raising awareness for university community</p> <p>Jobs created/sustained Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £150 + £675/year</p> <p>Capital cost (inc grant funding + body): £30,000+ £160,000 (60% from EST)</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 1.7 + 6.5 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied Electricity: 0.8 + 3.1 Heat:</p>