


TV18 RISC roof garden solar PV & micro-wind	Installation details
	<p>Owner: Reading International Solidarity Centre</p> <p>Site address: 35-39 London Street Reading Berkshire RG1 4PS</p> <p>Grid reference: SU718732</p> <p>Local authority: Reading Borough Council</p> <p>Renewable energy category: Solar PV + Onshore wind</p> <p>Status: Operational</p> <p>Date: May 2003</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 12× 34Wp PV modules + Rutland 72W wind charger</p> <p>Manufacturer / Installer: Marlec / HiTech Energy + Newtec PV / self-installed www.hitechenergy.co.uk</p> <p>Energy input: -</p> <p>Consumption rate: - tonnes/year</p> <p>Installed capacity: Electric: 0.5 kW_e Heat: -</p> <p>Annual energy output: Electric: 0.02 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Water pumps for roof garden installation Heat: -</p>	<p>Main drivers: Research, education</p> <p>Social benefits: Promotion of renewables to community</p> <p>New business startups: -</p> <p>Financial benefits: £25/year</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>Capital cost (inc grant funding + body): £850</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 0.06 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 0.03 Heat: -</p>