


<p>TV18a-b RISC roof garden solar PV + wind</p>  <p>Wind and PV in the RISC roof garden, Reading</p>	<p>Installation details</p> <p>Owner: Reading International Solidarity Centre Site address: 35-39 London Street Reading Berkshire RG1 4PS</p> <p>Grid reference: SU718732 Local Authority: Reading Borough Council Renewable energy category: Solar PV + Wind Status: Operational Operational since: May 2003</p>
<p>Technical information</p> <p>Technology type: 12× 34Wp PV modules + 72W wind turbine Manufacturer / Installer: Rutland turbine, Newtec PV / HiTech Energy Ltd, Self-installed Fuel or feedstock: - Consumption rate: - tonnes/year Installed capacity: Electric: 0.48 kW_e Thermal: - kW_{th} Annual energy output: Electric: 0.13 MWh/year Thermal: - MWh/year Supplying energy to: Electric: Water pumps for roof garden installation Thermal: -</p>	<p>Socio-economic & environmental data</p> <p>Social benefits: Research, education Jobs created/sustained Directly: - Indirectly: - New business startups: - Financial benefits: £25/year Capital cost (inc grant funding + body): £850 Likely fossil fuel alternative: Electricity from grid Greenhouse gas emissions displaced: 0.06 tonnes CO₂/year Equivalent no. of homes supplied Electricity: 0.03 Thermal: -</p>