


HW74 Down to Earth Community Farm solar PV & thermal	Installation details
	<p>Owner: <b>Southampton City Council</b>            Site address: <b>Down To Earth            Millbrook Community School            Green Lane            Southampton            S016 9RG</b></p> <p>Grid reference: <b>SU384151</b>            Local authority: <b>Southampton City Council</b>            Renewable energy category: <b>Solar PV + Other thermal (solar)</b>            Status: <b>Operational</b>            Date: <b>October 2003</b></p>
Technical information	Socio-economic & environmental data
<p>Technology type: <b>Single solar photovoltaic panel + single solar thermal collector</b></p> <p>Manufacturer / Installer: <b>Uni-Solar / Solar Energy Alliance + AES / Wessex Solar</b>  <a href="http://www.solarenergyalliance.com">www.solarenergyalliance.com</a>  <a href="http://www.aessolar.co.uk">www.aessolar.co.uk</a></p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: <b>Electric: 1.0 kW            Heat: 2.8 kW</b></p> <p>Annual energy output: <b>Electric: 0.7 MWh/year            Heat: 3.2 MWh/year</b></p> <p>Supplying energy to: <b>Electric: Centre; surplus to Millbrook Community School &amp; local grid            Heat: Hot water for Centre</b></p>	<p>Main driver: <b>Suitability for education, fuel costs</b></p> <p>Social benefits: <b>Adult and child education</b></p> <p>Jobs created/sustained: -</p> <p>New business startups: -</p> <p>Financial benefits: <b>£40 + £96 /year</b></p> <p>Capital cost (any grant funding and body): <b>£8,600 + £2,958</b></p> <p>Likely fossil fuel alternative: <b>Electricity from grid + natural gas</b></p> <p>Greenhouse gas emissions displaced: <b>0.3 + 0.7 tonnes CO<sub>2</sub>/year</b></p> <p>Equivalent no. of homes supplied: <b>Electric: 0.1            Heat: 0.2</b></p>