

KT86 Maidstone SolarKent solar PV & thermal	Installation details
	<p>Owner: <b>Simon Mallett</b>  <a href="http://www.solarkent.co.uk">www.solarkent.co.uk</a></p> <p>Site address: <b>The Duke of Wellington</b>  <b>Woodside Green</b>  <b>Lenham</b>  <b>Kent</b>  <b>ME17 2ET</b></p> <p>Grid reference: <b>TQ905538</b></p> <p>Local authority: <b>Kent CC / Maidstone BC</b></p> <p>Renewable energy category: <b>Solar PV + Other thermal (solar)</b></p> <p>Status: <b>Operational</b></p> <p>Date: <b>2003</b></p>
Technical information	Socio-economic & environmental data
<p>Technology type: <b>Solar photovoltaics + solar hot water collectors</b></p> <p>Manufacturer / Installer: <b>various / Solar Century + various / Genersys</b>  <a href="http://www.solarcentury.co.uk">www.solarcentury.co.uk</a>  <a href="http://www.genersys-solar.com">www.genersys-solar.com</a></p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: <b>Electric: 1.3 kWe</b>  <b>Heat: 6 kWth</b></p> <p>Annual energy output: <b>Electric: 1.2 MWh/year</b>  <b>Heat: 4 MWh/year</b></p> <p>Supplying energy to: <b>Electric: House; surplus to grid</b>  <b>Heat: Hot water for home</b></p>	<p>Main drivers: <b>Care for the environment</b></p> <p>Social benefits: <b>Potentially a community facility; focus for renewable energy awareness website</b></p> <p>Jobs created/sustained: <b>Directly: -</b>  <b>Indirectly: -</b></p> <p>New business startups: -</p> <p>Financial benefits: <b>£500 /year</b></p> <p>Capital cost (inc grant funding + body): <b>£18,000 for PV (£9,000 EST)</b>  <b>£4,000 for solar thermal (£400 Clear Skies)</b></p> <p>Likely fossil fuel alternative: <b>Electricity from grid, natural gas</b></p> <p>Greenhouse gas emissions displaced: <b>0.6 + 0.9 tonnes CO<sub>2</sub>/year</b></p> <p>Equivalent no. of homes supplied: <b>Electricity: 0.3</b>  <b>Heat: 0.2</b></p>