


KT33 Westerham Solar Community	Installation details
	<p>Owner: West Kent Housing Association</p> <p>Site address: 77,79 Ash Road + 27a,27b,27c,27d Hartley Road Westerham Kent TN16</p> <p>Grid reference: TQ449548</p> <p>Local authority: Kent CC / Sevenoaks DC</p> <p>Renewable energy category: Other thermal (solar)</p> <p>Status: Operational</p> <p>Date: April 2005</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 6× Sun Warm solar heating system</p> <p>Manufacturer / Installer: Nuaire / Cel-F Solar Systems Ltd</p> <p>Energy input: Electricity from grid</p> <p>Consumption rate:</p> <p>Installed capacity: Electric: - kW_e Heat: 26 kW_{th}</p> <p>Annual energy output: Electric: - MWh/year Heat: 26 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Hot water & space heating/cooling for homes</p>	<p>Main driver: Promotion and sustainability</p> <p>Social benefits: Reducing fuel poverty</p> <p>Jobs created/sustained Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £510 in total/year</p> <p>Capital cost (inc grant funding + body) £33,088 (50% ClearSkies)</p> <p>Likely fossil fuel alternative: Natural gas</p> <p>Greenhouse gas emissions displaced: 4.9 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied Electricity: 1.3 Heat: -</p>