


HW73 Lovedean solar thermal	Installation details
	<p>Owner: Portsmouth Housing Association</p> <p>Site address: 19-27 Woodcroft Lane and 14-18 & 31-33 Renown Gardens Lovedean Nr Waterlooville Hampshire PO8 9QP</p> <p>Grid reference: SU6812</p> <p>Local Authority: Hampshire CC / Havant BC</p> <p>Renewable energy category: Other thermal</p> <p>Status: Operational</p> <p>Date: October 2005</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 13x Nu-Aire photothermal solar-assisted water heating systems – 1 pair of 2.5x1.25m flat air-filled collectors per house</p> <p>Manufacturer / Installer: Sunwarm / Bice Mechanical www.sunwarm.com www.bicemechanical.co.uk</p> <p>Energy input: Electricity from grid</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: - Heat: 57 kW</p> <p>Annual energy output: Electric: - Heat: 55 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Hot water for houses</p>	<p>Main driver: Pilot demonstration scheme, renovation opportunity</p> <p>Social benefits: Lower fuel costs for tenants</p> <p>Jobs created/sustained: -</p> <p>New business startups: -</p> <p>Financial benefits: £4,230</p> <p>Capital cost (any grant funding and body): £73,800 (£36,900 Clear Skies)</p> <p>Likely fossil fuel alternative: Natural gas</p> <p>Greenhouse gas emissions displaced: 12 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 3</p>