

HW23 Kyoto Terrace solar PV & thermal	Installation details
	<p>Owner: Hermitage Housing Association Site address: New Lane Havant Hampshire PO9 Grid reference: SU724073 Local Authority: Hampshire CC / Havant BC Renewable energy category: Solar PV Status: Operational Date: December 2003</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 18× BP585-L solar photovoltaic laminates + active closed-loop solar hot water system Manufacturer / Installer: BP Solar / PV Facades + Thermomax / Rayotec Ltd www.rayotec.com Energy input: - Consumption rate: - Installed capacity: Electric: 14 kWp Heat 1.4 kW Annual energy output: Electric: 1.4 MWh/yr Heat 1.6 MWh/yr Supplying energy to: Electric: 70% to homes, 30% to local grid Heat: Hot water to homes</p>	<p>Main driver: Creation of eco-homes to incorporate environmental features not previously used Social benefits: Reducing fuel poverty; learning outcomes to be used in further developments Jobs created/sustained: - New business startups: - Financial benefits: £91 /yr per house Capital cost (inc grant funding and body): £1,130,000 total project (Grant: DTI £90,553) Likely fossil fuel alternative: Electricity from grid Greenhouse gas emissions displaced: 3.5 tonnes CO2/yr Equivalent no. of homes supplied: Electricity: 0.3 Heat: 0.3</p>