


HW38 M27 solar highway noise barrier PV	Installation details
	<p>Owner: Highways Agency Site address: Marker Post 33/2A M27 Motorway, E. of Junction 9 Nr. Fareham Hampshire PO15</p> <p>Grid reference: SU533083 Local Authority: Hampshire CC / Fareham BC Renewable energy category: Solar PV Status: Operational Date: March 2004</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 20× solar photovoltaic modules</p> <p>Manufacturer / Installer: Uni-Solar / TRL Limited & Solar Century www.trl.co.uk www.solarcentury.co.uk</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 10.2 kW_e Heat: -</p> <p>Annual energy output: Electric: 6.4 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Local grid Heat: -</p>	<p>Main driver: Trial for HA to evaluate effectiveness of technology</p> <p>Social benefits: Aesthetic appeal</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: None</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant funding and body): £150,000</p> <p>Likely fossil fuel alternative: -</p> <p>Greenhouse gas emissions displaced: 2.8 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 1.3 Heat: -</p>