


TV72 Reading Environment Agency solar PV lighting	Installation details
	<p>Owner: Environment Agency Site address: Kings Meadow House Kings Meadow Road Reading RG1 8DQ</p> <p>Grid reference: SU718739 Local authority: Reading Borough Council Renewable energy category: Solar PV + Onshore wind Status: Operational Date: January 2003</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 3× Green Columns (each 30Wp PV + 90W wind @10m/s)</p> <p>Manufacturer / Installer: Marlec / Carillio</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 0.09 + 0.3 kWe Heat: -</p> <p>Annual energy output: Electric: 0.5 + 0.5 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Power to car park security lights Heat: -</p>	<p>Main drivers: Public education and promoting renewables in this town centre location</p> <p>Social benefits:</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant amount + giver): £5,020</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 0.2 + 0.02 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 0.1 + 0.01 Heat: -</p>