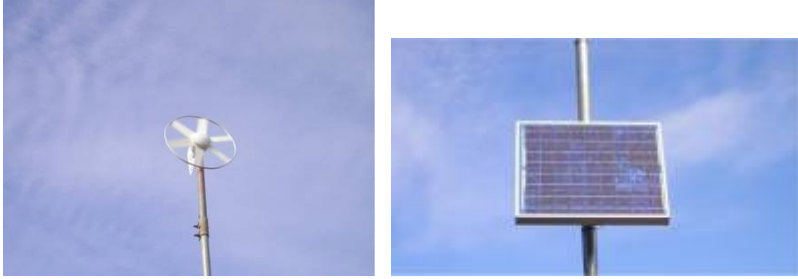


| TV83 Woodmansterne School micro solar PV & wind | Installation details |
|--|---|
|  | <p>Owner: Woodmansterne Primary School Site address: Carshalton Road Banstead Surrey SM7 3HU</p> <p>Grid reference: TQ277604 Local authority: Surrey CC / Reigate & Banstead DC</p> <p>Renewable energy category: Solar PV + Onshore wind Status: Operational Date: August 2004</p> |
| Technical information | Socio-economic & environmental data |
| <p>Technology type: Single photovoltaics panel + micro wind turbine Rutland 503</p> <p>Manufacturer / Installer: Marlec / self-installed</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 0.03 + 0.03 kWe Heat: -</p> <p>Annual energy output: Electric: 0.02 + 0.01 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Power to fish tank Heat: -</p> | <p>Main drivers: Environmental education</p> <p>Social benefits: Education for children and staff</p> <p>Jobs created/sustained Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £-/year</p> <p>Capital cost (inc. grant funding + body): £900 (£500 East Surrey & Sutton Water Company, £300 Surrey REACH Scheme, £100 PTA)</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 0.01 + 0.003 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied Electricity: 0.003 + 0.001 Heat: -</p> |