



HW04 Leckford Estate PV & micro-wind	Installation details
 	<p>Owner: Leckford Estates Ltd / Waitrose</p> <p>Site address: Leckford nr Stockbridge Hampshire SO20 6JF</p> <p>Grid reference: SU385376</p> <p>Local authority: Hampshire CC / Test Valley DC</p> <p>Renewable energy category: Solar PV & Onshore wind + Energy crops</p> <p>Status: Operational</p> <p>Operational since: 2002 + May 2004</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 13× BPSX60 solar PV panels with 13× Rutland FM910-3 wind turbines</p> <p>Manufacturer / Installer: BP Solar / Marlec www.marlec.co.uk</p> <p>Energy input: (Growing 9.61 hectares of willow energy crops)</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 1.9 kWe Heat: -</p> <p>Annual energy output: Electric: 4.6 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Operate living quarters of free-range chickens Heat: -</p>	<p>Main driver: Corporate social responsibility</p> <p>Social benefits: Public education (planned visitor centre)</p> <p>Jobs created/sustained Directly: 1 Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £-</p> <p>Capital cost: £-</p> <p>Likely fossil fuel alternative: Electricity from grid (would entail high grid connection cost)</p> <p>Greenhouse gas emissions displaced: 0.2 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied Electricity: 0.1 Heat: -</p>