SU34 Ringmer College solar PV & wind turbine

Installation details

Owner:	**Ringmer College**
Site address:	**Lewes Road Ringmer East Sussex BN8 5RB**
Grid reference:	**TN454126**
Local authority:	**East Sussex CC / Lewes DC**
Renewable energy category:	**Solar PV + Onshore wind**
Status:	**Operational**
Date:	**April 2004 + May 2006**

Technical information

Technology type:	**66×'KC120' solar photovoltaic panels + 1× micro wind turbine**
Manufacturer / Installer:	**Kyocera / SEI + Proven / Proven** **www.sei-energy.co.uk** **www.provenenergy.co.uk**
Energy input:	**-**
Consumption rate:	**-**
Installed capacity:	**Electric: 7.9 + 2.5 kWe** **Heat: -**
Annual energy output:	**Electric: 7.0 + 3.5 MWh/year** **Heat: -**
Supplying energy to:	**Electric: School building; surplus to local grid** **Heat: -**

Socio-economic & environmental data

Main drivers:	**Educational resource**
Social benefits:	**Focus for environmental events and seminars**
Jobs created/sustained:	**Directly: -** **Indirectly: -**
New business startups:	**-**
Financial benefits:	**£ /year**
Capital cost (inc grant funding + body)	**£45,000 (£ grant) + £17,000 (£17,000 grant)**
Likely fossil fuel alternative:	**Electricity from grid**
Greenhouse gas emissions displaced:	**3.0 +1.5 tonnes CO_2/year**
Equivalent no. of homes supplied:	**Electricity: 1.5 + 0.7** **Heat: -**