


KT79 Claremont School solar PV & wind	Installation details
	<p>Owner: Claremont School Site address: Claremont Primary School Banner Farm Road Tunbridge Wells Kent TN2 5EB Grid reference: TQ589388 Local authority: Kent CC / Tunbridge Wells BC Renewable energy category: Solar PV + Onshore wind Status: Awaiting planning permission Date:</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Photovoltaic panels + single AirDolphin micro-turbine Manufacturer / Installer: Kyocera + Zephyr / Denham Homes Energy input: - Consumption rate: - tonnes/year Installed capacity: Electric: 6 + 1 kW_e Heat: - kW_{th} Annual energy output: Electric: 5 + 1.5 MWh/year Heat: - MWh/year Supplying energy to: Electric: School; surplus to local grid Heat: -</p>	<p>Main drivers: Education, cutting CO₂ emissions Social benefits: Educational - physics, geography, environmental science Jobs created/sustained: Directly: - Indirectly: - New business startups: - Financial benefits: £470/year Capital cost (inc grant funding + body) £42,000 (£20k Low Carbon Buildings Prog, £20k others) Likely fossil fuel alternative: Electricity from grid Greenhouse gas emissions displaced: 2.2 + 0.6 tonnes CO₂/year Equivalent no. of homes supplied: Electricity: 1.0 + 0.3 Heat: -</p>