


<p>TV8 Brill School solar PV, wind & other thermal</p>		<p>Installation details</p>	
 <p>Brill School wind turbine</p>		<p>Owner: Bucks CC / Brill CoE Combined School</p>	<p>Site address: Brill CE Combined School The Firs Buckinghamshire HP18 9RY</p>
		<p>Grid reference: SP658139</p>	<p>Local Authority: Aylesbury Vale District Council</p>
<p>Technical information</p>		<p>Socio-economic & environmental data</p>	
<p>Technology type:</p>	<p>1kW PV panel, Single 9m wind turbine + 18m² solar pool heating</p>	<p>Main drivers:</p>	<p>Environmental education for children/community, financial benefits</p>
<p>Manufacturer / Installer:</p>	<p>BP/PV Systems + Proven/Proven + Riomay/Riomay</p>	<p>Social benefits:</p>	<p>Education + community awareness</p>
<p>Fuel or feedstock:</p>	<p>-</p>	<p>Jobs created/sustained</p>	<p>Directly: - Indirectly: -</p>
<p>Consumption rate:</p>	<p>- tonnes/year</p>	<p>New business startups:</p>	<p>-</p>
<p>Installed capacity:</p>	<p>Electric: 1 + 6 kW_e Thermal: 12.6 kW_{th}</p>	<p>Financial benefits:</p>	<p>£764/year</p>
<p>Supplying energy to:</p>	<p>Electric: School usage (surplus to grid) Thermal: School swimming pool, hot water for kitchens</p>	<p>Capital cost inc grant amount + giver):</p>	<p>£Wind - £18,367 (£8820.50 clear skies, £3853.93 Bucks CC Energy Challenge Fund, CRI Grant £2000) £PV - BP Scholar funding Solar thermal - £12,825 (£6412.5 Clear Skies, £3206 Bucks CC Energy Challenge Fund)</p>
<p>Annual energy output:</p>	<p>Electric: 5.7 + 19 MWh/year Thermal: 13 MWh/year</p>	<p>Likely fossil fuel alternative:</p>	<p>Electricity from national grid</p>
		<p>Greenhouse gas emissions displaced:</p>	<p>10.7 tonnes CO₂/year</p>
		<p>Equivalent no.of homes supplied</p>	<p>Electricity: 5.5 Thermal: 0.7</p>