


TV02 Baydon Meadow community wind turbine	Installation details
	<p>Owner: Matt & Rachel Partridge / Baydon Meadow Community Wind Turbine</p> <p>Site address: 100m north of M4 motorway 1.3km west of Membury Services Berkshire</p> <p>Grid reference: SU295769</p> <p>Local authority: West Berkshire Council</p> <p>Renewable energy category: Onshore wind</p> <p>Status: Failed (planning permission refused)</p> <p>Date: Applied Aug 2007 Refused Dec 2007</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Single large wind turbine</p> <p>Manufacturer / Installer: - / Baydon Meadow Community Turbine www.baydonmeadow.co.uk</p> <p>Energy input: -</p> <p>Consumption rate: -</p> <p>Installed capacity: Electric: 1,300 kWe Heat: -</p> <p>Annual energy output: Electric: 2,960 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Regional grid Heat: -</p>	<p>Main drivers: To promote wind energy</p> <p>Social benefits: Community ownership; support local energy efficiency and renewable energy projects</p> <p>Jobs created/sustained Directly: 1 Indirectly: 1</p> <p>New business startups: -</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant funding + body) £1,000,000 approx</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 1,270 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 620 Heat: -</p>