

KT50 Portlympne Wild Animal Park wind turbine	Installation details
	<p>Owner: Portlympne Wild Animal Park Site address: Lympne Nr. Hythe Kent CT21 4PD</p> <p>Grid reference: TR103352 Local Authority: Kent CC / Shepway DC Renewable energy category: Onshore wind Status: Awaiting planning permission Date:</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 2 x 6kW wind turbines Manufacturer / Installer: Eoltec / Ardenham Energy www.ardenhamenergy.co.uk Energy input: - Consumption rate: - tonnes/year Installed capacity: Electric: 12 kWe Heat: -</p> <p>Annual energy output: Electric: 25000 MWh/year Heat: -</p> <p>Supplying energy to: Electric: 80% Animal Park, 20% local electricity grid Heat: -</p>	<p>Main driver: Social benefits: Education of school children & families Jobs created/sustained: Directly: - Indirectly: - New business startups: - Financial benefits: £3,195/year</p> <p>Capital cost (inc grant funding + body) £41,125 Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 10750 tonnes CO₂/year Equivalent no. of homes supplied: Electricity: 5230 Heat: -</p>