


TV19 Romney Weir micro-hydro scheme	Installation details
	<p>Owner: RWE npower Site address: Romney Weir Off Datchet Road Windsor Berkshire</p> <p>Grid reference: SU968775 Local authority: RB Windsor & Maidenhead Renewable energy category: Hydro Status: Planning permission granted Date: -</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 2 to 4 submerged hydro propeller turbines in two existing weir bays</p> <p>Manufacturer / Installer:</p> <p>Energy input: -</p> <p>Consumption rate: - tonnes/year</p> <p>Installed capacity: Electric: 200 kWe Heat: -</p> <p>Annual energy output: Electric: 1,200 MWh/year Heat: -</p> <p>Supplying energy to: Electric: Directly to Windsor Castle via underground cables Heat: -</p>	<p>Main driver: Green electricity for the Royal Household</p> <p>Social benefits: Education for public and relevant agencies</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant funding + body): £1,000,000</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 516 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: 251 Heat: -</p>