


<p>TV59 Osney Island GSHP & Solar PV</p>  <p>Ground source heat pump in Osney home.</p>	<p>Installation details</p> <p>Owner: Mr David Hammond Site address: 34 East Street Osney Island Oxford Oxfordshire OX2 OAU</p> <p>Grid reference: - Local Authority: Oxford City Council Renewable energy category: Solar PV + Other thermal Status: Operational Operational since: 2004 + 2002</p>
<p>Technical information</p> <p>Technology type: PV panels, Ground source heat pump (1.5kW_e), 7m² solar thermal flat plate collectors, Manufacturer / Installer: Sanyo/Solar Century, Kensa Engineering/Stocks & RT Harris, Veissmann/LS Services, Fuel or feedstock: - Consumption rate: - tonnes/year Installed capacity: Electric: 1.1 kW_e Thermal: 6.0+4.9 kW_{th} Annual energy output: Electric: 1.01 MWh/year Thermal: +1.06 MWh/year Supplying energy to: Electric: Domestic use & excess to electricity grid Thermal: Domestic hot water & under floor heating</p>	<p>Socio-economic & environmental data</p> <p>Social benefits: Advocating personal responsibility for energy production Jobs created/sustained: Directly: - Indirectly: - New business startups: - Financial benefits: £approx 50%/year Capital cost (inc grant funding + body): £3000, 3500, 8000 (45% grant from) Likely fossil fuel alternative: Gas Greenhouse gas emissions displaced: tonnes CO₂/year Equivalent no. of homes supplied: Electricity: - Thermal:</p>