

HW64 St Lawrence Village Hall air source heat pump	Installation details
	<p>Owner: Isle of Wight Council</p> <p>Site address: St. Lawrence Village Hall Undercliff Drive St. Lawrence Isle of Wight PO38 1XF</p> <p>Grid reference: SZ531763</p> <p>Local Authority: Isle of Wight Council</p> <p>Renewable energy category: Other thermal</p> <p>Status: Under construction</p> <p>Date: (Planned for 2006)</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 'BW-106M' air source heat pump</p> <p>Manufacturer / Installer: Viessman / Greener Energy Systems greenerenergysystems.co.uk</p> <p>Energy input: Electricity from grid</p> <p>Consumption rate: 3.2 MWh/year</p> <p>Installed capacity: Electric: - Heat: 9.3 kWth</p> <p>Annual energy output: Electric: - Heat: 10.2 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Space heating for village hall</p>	<p>Main driver: Reducing CO2 emissions & energy consumption; promoting renewable energy; cost saving.</p> <p>Social benefits: Improving humidity/comfort levels in building for users, encouraging more usage.</p> <p>Jobs created/sustained: Directly: - Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £533/year</p> <p>Capital cost (inc grant funding + body): £14,229 (AONB £10,671+ Greener Energy Systems £250 + H&IOW Sustainable Energy Partnership £3,557)</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 3.0 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 2.1</p>