


SS01 West Dean Estate biomass heating	Installation details
 <p style="text-align: center;"><i>Forestry Commission South East</i></p>	<p>Owner: The Edward James Foundation Site address: Estate Office West Dean Chichester West Sussex PO18 0QZ</p> <p>Grid reference: SU862126 Local authority: West Sussex CC / Chichester DC Renewable energy category: Biomass Status: Operational Date: 1981</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Woodchip combustion heating Manufacturer / Installer: Volund</p> <p>Energy input: Wood chip from mixed shortwood Consumption rate: 1,250 fuel-ready tonnes/year Installed capacity: Electric: - Thermal: 770 kWth</p> <p>Annual energy output: Electric: - Thermal: 2,320 MWh/year</p> <p>Supplying energy to: Electric: - Thermal: College & district heating to 20 buildings)</p>	<p>Main driver: Social benefits: Supports woodland management Jobs created/sustained: Directly: 0.1 Indirectly: 2 New business startups: - Financial benefits: £ /year</p> <p>Capital cost: £ Likely fossil fuel alternative: Electricity from grid (50%), heating oil (50%)</p> <p>Greenhouse gas emissions displaced: 818 tonnes CO₂/year Equivalent no. of homes supplied: Electricity: - Thermal: 127</p>