



SU09 Hoathly Hill Community biomass heating	Installation details
 	<p>Owner: Hoathly Hill Community Site address: West Hoathly West Sussex RH19 4SJ</p> <p>Grid reference: TQ367324 Local authority: West Sussex CC / Mid Sussex DC</p> <p>Renewable energy category: Biomass Status: Operational Date: 2007</p>
Technical information	Socio-economic & environmental data
<p>Technology type: 'RRK/RRF' woodchip boiler with district heating</p> <p>Manufacturer / Installer: Binder AG / Wood Energy Ltd www.woodenergyltd.co.uk</p> <p>Energy input: Woodchip sourced from local woodland management</p> <p>Consumption rate: 240 fuel-ready tonnes/year</p> <p>Installed capacity: Electric: - kWe Heat: 300 kWth</p> <p>Annual energy output: Electric: - MWh/year Heat: 750 MWh/year</p> <p>Supplying energy to: Electric: - Heat: Heat twenty-nine dwellings and community buildings</p>	<p>Main drivers: Plentiful supply of wood - cheap source of heat</p> <p>Social benefits: Pilot community project; enhance training & education</p> <p>Jobs created/sustained: Directly: 1.5 Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £19,500/year</p> <p>Capital cost (inc grant funding + body): £360,000 (£160,000 grant)</p> <p>Likely fossil fuel alternative: LPG (80%), Electricity from grid (20%)</p> <p>Greenhouse gas emissions displaced: 242 tonnes CO₂/year</p> <p>Equivalent no. of homes supplied: Electricity: - Heat: 38</p>