


TV03 Slough Heat & Power biomass CHP	Installation details
 <p>sloughheatandpower.co.uk</p>	<p>Owner: Slough Heat & Power Ltd Site address: 342 Edinburgh Avenue Slough Berkshire SL1 4TU</p> <p>Grid reference: SU954815 Local authority: Slough Borough Council Renewable energy category: Biomass Status: Operational Date: 2001</p>
Technical information	Socio-economic & environmental data
<p>Technology type: Biomass combustion -> boiler -> steam turbine -> combined heat and power (CHP)</p> <p>Manufacturer / Installer: (pre-existing power station)</p> <p>Energy input: Industrial wood chips, small % RDF briquettes and pellets</p> <p>Consumption rate: 300,000 fuel-ready tonnes/year</p> <p>Installed capacity: Electric: 40,000 kWe Heat: 20,000 kWth</p> <p>Annual energy output: Electric: 350,000 MWh/year Heat: 154,000 MWh/year</p> <p>Supplying energy to: Electric: Slough Trading Estate - local electricity grid Heat: Slough Trading Estate</p>	<p>Main drivers: Commercial interest</p> <p>Social benefits:</p> <p>Jobs created/sustained: Directly: 140 Indirectly: 40</p> <p>New business startups: -</p> <p>Financial benefits: £ /year</p> <p>Capital cost (inc grant funding + body): £(modified power station)</p> <p>Likely fossil fuel alternative: Electricity from grid, natural gas 425,000 tonnes CO₂/year</p> <p>Greenhouse gas emissions displaced: Equivalent no. of homes supplied: Electricity: 73,300 Heat: 8,400</p>