


HW46 Queen Elizabeth Country Park biomass boiler		Installation details	
 <p data-bbox="352 597 852 630" style="text-align: center;">Queen Elizabeth Country Park, Hampshire</p>		<p data-bbox="1037 191 1894 228">Owner: Hampshire CC / Forestry Commission</p> <p data-bbox="1037 228 1894 412">Site address: QECP Visitor Centre Horndean/Petersfield Hampshire PO8 0QE</p> <p data-bbox="1037 412 1894 449">Grid reference: SU719185</p> <p data-bbox="1037 449 1894 487">Local Authority: Hants CC / East Hants DC</p> <p data-bbox="1037 487 1894 524">Renewable energy category: Biomass</p> <p data-bbox="1037 524 1894 561">Status: Under construction</p> <p data-bbox="1037 561 1894 630">Operational since: expected April 2006</p>	
Technical information		Socio-economic & environmental data	
Technology type:	'RRK 80-175' woodchip-fuelled boiler	Main project drivers:	Cut greenhouse gas emissions
Manufacturer / Installer:	Binder / Wood Energy Ltd	Social benefits:	Environmental education: shop window effect
Fuel or feedstock:	Forestry-derive hardwood chip	Jobs created/sustained	Direct: - Indirect: -
Consumption rate:	80 @30% moisture content tonnes/year	New business startups:	-
Installed capacity:	Electric: - kW Thermal: 120 kW	Financial benefits:	£2,500 /year
Annual energy output:	Electric: - MWh/yr Thermal: 270 MWh/yr	Capital cost (inc grant funding and body):	£118,000 (grants: EDF, DTI Bioenergy, DTI Clear Skies, Forestry Comm., E. Hants AONB, Hants CC, SEEDA, Natural Light Partnership)
Supplying energy to:	Central heating and hot water for Visitor Centre, office & café	Likely fossil fuel alternative:	Natural gas
		Greenhouse gas emissions displaced:	51 tonnes CO ₂ /year
		Equivalent no. of homes supplied	14