

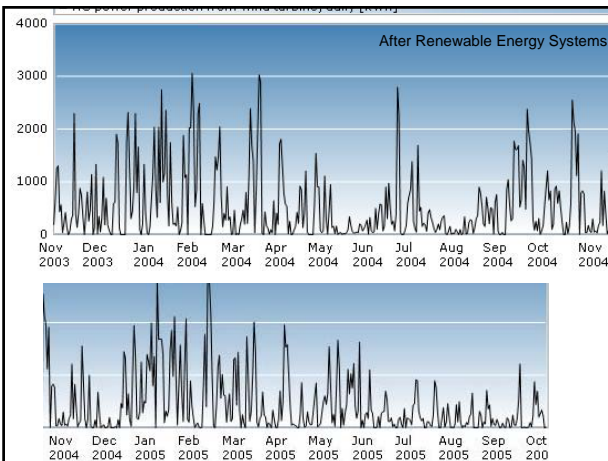
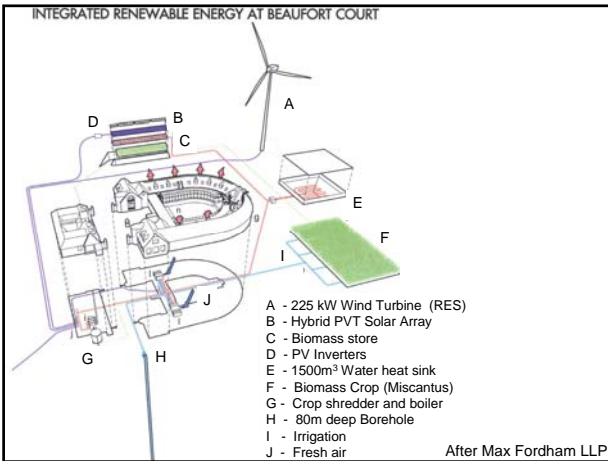
Beaufort Court

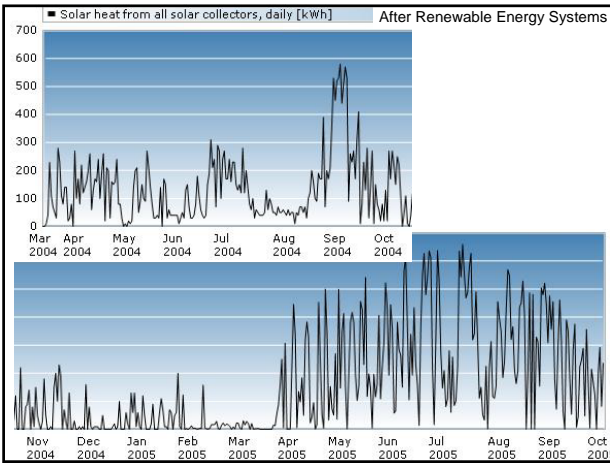
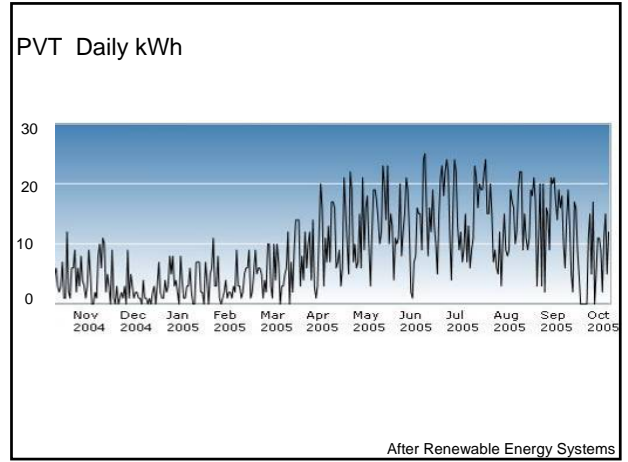
<http://www.beaufortcourt.com>

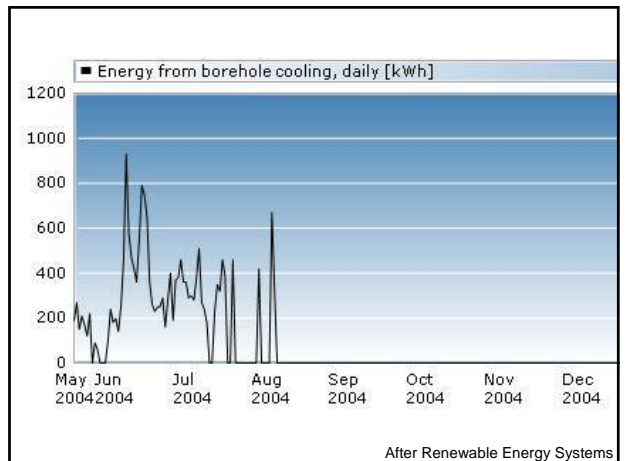
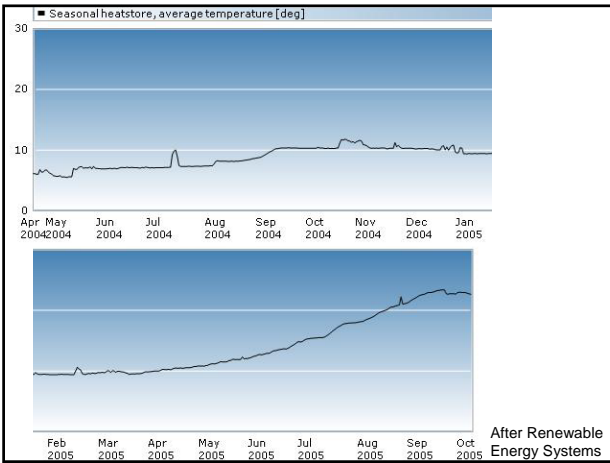
Architect - Studio E Architects
<http://www.studioe.co.uk>

Building Environmental Engineers - Max Fordham LLC
<http://www.maxfordham.com>

Company RES - Renewable Energy Systems
<http://www.res-ltd.com>







Estimated Energy Balance for site

	Electrical	Space heating
Building annual loads (2500m ² building gross area)	115 MWh	85 MWh
PV/T direct contribution	3.2 MWh*	15 MWh
Heat collected into storage		24 MWh
Pumping load/heat lost from storage	-4.5 MWh	-12 MWh
Wind Turbine	250 MWh	
Miscanthus: peak expected production (600dt/year)		160 MWh
Net contribution	249 MWh	187 MWh
Potential electrical export	134 MWh	
Potential surplus miscanthus for heat export		102 MWh

*With 48 m² of PV
After Renewable Energy Systems

