

CASE STUDY



Top Barn, Wymondham

Description:
A renewable technology project for the existing property and an extension.
Renewable Technologies:
The feasibility study evaluated the benefits of a biomass wood chip boiler, a biomass wood pellet boiler, Solar PV and a wind turbine to reduce energy costs and CO ₂ emissions.
Study Outcomes:
After evaluation, it was concluded that all technologies were viable, however, wood chip fuel for the Biomass boiler offered greater savings than wood pellet. The site is suitable for both Solar PV and a wind turbine.

Annual benefits of technologies in comparison with non renewable heating oil and electricity

<u>Renewable Technologies</u>	<u>CO₂ savings</u>	<u>Financial Savings</u>	<u>FIT and potential RHI Revenue</u>
Wood Chip Boiler	22,260 kg	£1,371.75	£7,560.00
6 kW Wind Turbine	5,702 kg	£1,433.90	£2,945.01
Solar PV System 4kWp	1,744 kg	£1,172.34	£1,393.04



If you are interested in renewable energy technologies, want to know whether your site is suitable and how much energy & CO₂ emissions you could save contact our office on 01953 798112.