

# CASE STUDY



## Manor Farm, Wymondham

### Description:

A renewable technology project aiming to reduce energy costs and carbon emissions at a farmhouse.

### Renewable Technologies:

Several technologies were evaluated including an oil boiler running on liquid biofuel, a biomass wood pellet boiler, a wind turbine and solar PV.

### Study Outcomes:

After evaluation, it was concluded that all technologies were viable for the site.

Combined annual benefits from 3.9 kWp solar PV, a 40kW Biomass boiler and an 11.0 kWp wind turbine,

<u>Renewable Technologies</u>	<u>Financial Savings</u>	<u>Potential RHI/FIT Income</u>	<u>CO2 Emissions saved</u>
<u>3.9 kWp Solar PV</u>	£317.00	£928.00	1,362 kg
<u>Biomass</u>	Nil	£5,868.45	14,671 kg
<u>11kWp wind turbine</u>	£2,460.00	£6,568.00	10,578 kg

***If you are interested in renewable energy technologies, want to know whether your site is suitable and how much energy & CO<sub>2</sub> emissions you could save contact our office on 01953 798112.***