







Great Barton Village Hall

Description:
A renewable technology project for a community village hall.
Renewable and Energy Saving Technologies:
Several technologies were evaluated for this project including a Dimplex heat pump, solar thermal, a 3.8 kWp solar PV system and a 2.5 kW wind turbine.
Study Outcomes:
The solar thermal and the wind turbine were not viable options for the site. However, the heat pump and solar PV system were both suitable for the project. The heat pump was installed in January 2010.



Annual savings:*

	The heat pump provides 41,895 kWh of space heating demand
	Solar PV system savings of 2,916 kWh
	Combined savings of £949 plus £1,195 income from FIT scheme.
	Combined saving of 3.2 tonnes

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.

* Based on specific technology quotations and the electricity price at £0.1213 per kWh