



Description:

Infant school renewable technology project

Renewable Technologies:

3.84 kWp Solar PV system
5.0 kW Wind Turbine

Study Outcomes:

The site is considered to be the most suitable for solar PV and wind turbine installation. One of the south-facing roofs was identified as potentially beneficial for a solar PV installation. The most suitable location for the wind turbine has been also agreed with the school.

Estimated total annual savings*:



10,775 kWh of electricity supplied by the national grid



£1,094.09



4,633 kg CO₂ emissions

Caister Infant School is waiting for CSEP decision regarding their capital grant application and planning to install the 5.0 kW wind turbine in 2011.

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 10.154p/kWh.