



Description:

Feasibility study for the proposed renewable energy technologies

Renewable Technologies:

26.0; 21.6; 12.0 kWp Solar PV system
11.0 kW Wind Turbine

Study Outcomes:

The site is considered to be suitable for both technologies. Three roofs (two flat and one pitched roof) have been 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*:



71,577 kWh of electricity supplied by the national grid



£5,381.88



38,605 kg CO₂ emissions

Acle High School is planning to install all renewable energy technologies 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 site specific conditions, technology quotations and the electricity price at 7.52p/kWh.