



## CSEP Development Study Flegg High School



### Description:

Community Sustainable Energy Programme (CSEP) Development Study

### Renewable Technologies:

Solar PV system  
Wind Turbine

### Study Outcomes:

The site is considered to be the most suitable for solar PV and wind turbine installation. Two south-east facing roofs 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 annual savings\*:



**16,012 kWh of electricity  
supplied by the national grid**



**£1,868.60**



**6,885 kg CO<sub>2</sub> emissions**

Flegg High School was awarded CSEP grant and the Low Carbon Building Programme grant and therefore received 100% funding for the 6.0 kW wind turbine installation.

*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.*

\* Based on specific technology quotations and the electricity price at 10.4p/kWh.

# CASE STUDY

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