

Energy

Ashlawn School Wind Turbine

Overview

Objectives:

1. To use the wind turbine as an educational tool in science/environmental and related subjects.
2. To generate a supply of renewable energy to the school.
3. To raise awareness of renewable energy and the issue of climate change within Rugby Borough.

Main Partners: **Ashlawn School, Rugby Borough Council, Cemex, Eon.**

Audience: Pupils of Ashlawn School, local community, neighbouring schools.

Rationale: In November 2006 government education bosses at the department of education and skills urged schools to take a series of measures to go green, including installing wind turbines.

Ashlawn School chose to install a wind turbine because it was felt to be a significant symbol for renewable energy.

Further info: Mandy Jesson, Ashlawn School, Science College Coordinator.
or
Stephen Marks, Sustainability Co-ordinator, Rugby Borough Council

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Ashlawn School, Rugby, is the first school in Warwickshire to have a 5 Kilowatt wind turbine installed. Prior to the launch of the 12 metre high turbine on Friday 6th July 2006, all pupils at the school were involved in renewable energy. The school will use the wind turbine as an excellent educational tool and hopes to work with other local schools to help raise awareness of climate change and energy issues.



The Rugby school was supported through the process by Rugby Borough Council (RBC) and Warwickshire County Council, with funding from RBC, Eon and Cemex.

Concerns were raised to Rugby Borough council in regards to the potential noise of the wind turbine, however it was considered that there would be no significant noise impact, provided that the turbine is maintained in accordance with the manufacturer's specification.

The turbine will provide a proportion of the school's electricity requirements from a renewable energy source while, at the same time, enabling the pupils to learn more about energy and environmental issues.