



ENERGY WORKS: AN INNOVATIVE ENVIRONMENTAL ENERGY PROJECT

Energy Works is a unique new education programme which gives school children and adults across Fenland the opportunity to learn all about the environment and renewable energy alongside other forms of energy generation.

The programme is a joint arrangement between The Co-operative Group, ScottishPower Renewables, Fenland District Council and Cambridgeshire Environmental Education Service (CEES). The project is funded from annual environmental education payments made by the operators of several wind farm projects within Fenland District.

Energy Works is run by the Cambridgeshire Environmental Education Service (CEES), and is based in the dedicated education centre in the farm buildings at Coldham.

The **Energy Works** programme is tailored to each class and designed to cover a range of subjects including science, geography and design and technology for primary pupils from ages 6-11. The programme is also available to secondary school pupils and community groups. A typical primary programme will last two weeks and includes school workshops and a visit to the education centre, led by a CEES teacher, together with this resource pack for use in school.

During visits to the education centre, schools and community groups have the opportunity to get close to the eight 2 MW wind turbines, which generate enough to power over 9000 homes.



The Visit to Coldham Wind Farm

The visit will normally last either half a day or a full day depending on the number of classes (the facilities are suitable for one class at a time). On a half day visit the class will be fully briefed during the introduction and safety talk before travelling out to the turbines themselves where they will do a variety of fieldwork exercises as well as having the opportunity to see a turbine up close.

On a full day visit there will also be the chance to take part in one of our workshops based in the education Centre.

The Workshops

These can be based at the education centre or back at your school. There are a number of workshops on **renewable energy** using mini-kits to explore how renewable resources are used to produce energy. In addition there are **design based** workshops developing DT, Art and English skills in addition to Scientific and geographical understanding.

For details of the workshops currently on offer please contact Nicky Ayscough at Stibbington Centre on 01780 782386 or email Nicola.Ayscough@cambridgeshire.gov.uk.