

What we've learnt about wind power and wind farms



A collection of Year 7 students' work from Mulwaree High School.

Origin's Cullerin Wind Farm Project Manager, Ian Purcell, visited the students to talk about wind power on the 6th of August 2009.

What is a wind farm?

- A wind farm is an area in which many wind turbines are situated.
- A wind turbine is composed of three blades, a generator, a shaft, a yaw motor and the tower. The wind tower is usually 80 meters high because the wind is stronger up higher.
- The electricity that is generated at a wind farm is sold to electricity companies that provide the electricity to people living in cities and towns.

The wind farm debate

Pros

- there is no burning involved which means there is no pollution created
- the farmers get a good income because they give up some space on their properties for the turbines to go
- the energy is free from nature
- wind power is renewable, which means you can re-use it

Cons


- wind power can be more expensive for the consumer
- they only work when its windy
- Some people think wind turbines are ugly and noisy
- birds may collide with them
- they can disturb your TV reception

In my opinion...

The gain from wind power does outweigh the pain. Even though there are more negatives than positives I think that anything that helps slow down global warming is great.

Wind turbines are good to have because the farmers can still plant crops around the wind turbines.

I think that wind turbines are a good idea because it's a renewable source of energy and there's no burning but there are some things that can change.



We all need to look at ways to reduce pollution in our atmosphere. Renewable energy is one step in the right direction for providing a safe source of energy for the world. The positives far out weigh the negatives.

Wind farms save energy and still gives us the electricity we need. The bad thing is they may make noise and some people think they are unsightly.

Our renewable energy targets should go up to 20% because in case they haven't noticed the non-renewable energy we're using will run out one day.