

Origin energy

- Mr Purcell from the energy company called Origin, came for a visit at our school to teach us all about the positive and negatives of using wind power. He told us mostly about the Cullerin wind farm and all its features. I learnt that the Cullerin wind farm has 15 windmills.



What is wind power?

- Wind power is a Renewable energy source. It is used all over the world and is very good for the environment. One wind turbine can give energy to up to 850 homes. One turbine can cost up to 4 million dollars. Wind turbines are usually together in groups.



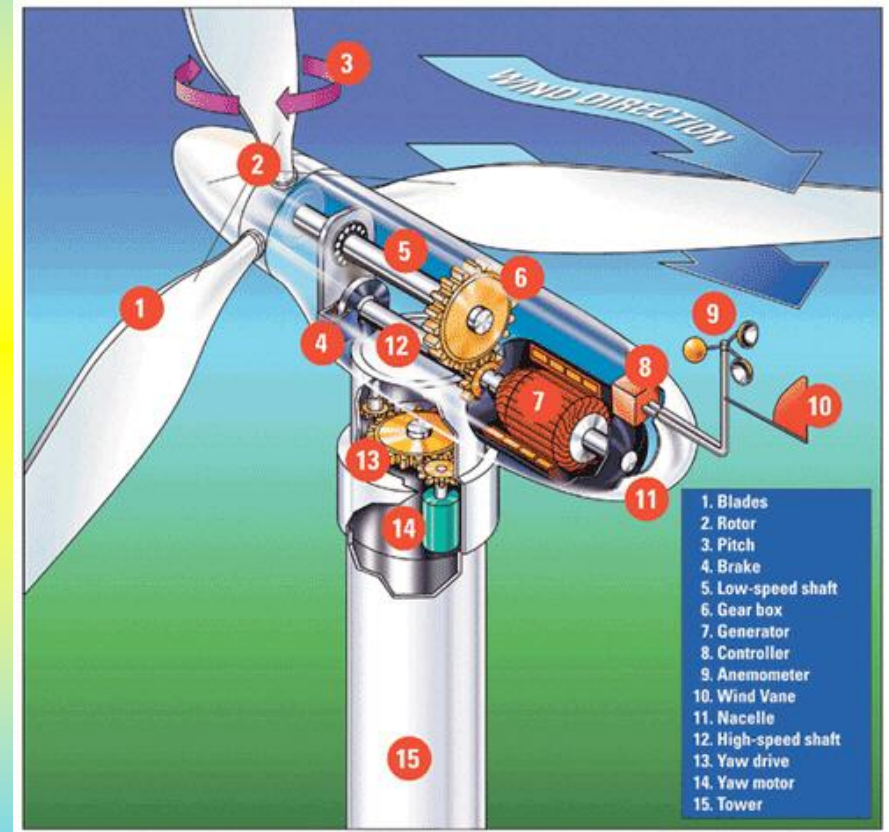
Plans for the future

- The government has many bright plans for the future to reduce the amount of non renewable energy used in Australia. Only 5% of energy used in Australia is renewable. By 2020 the Australian government hopes to have renewable energy use up to 20%. I think using wind power would be a very smart choice because it has so many pros and not many cons. So this will mean less pollution!!!



Parts of a wind turbine

- There are many parts of a wind turbine and can become extremely complicated. There are about 15 very important parts to a windmill. There are little red lights on top of the turbines to warn aircrafts. If you asked, "what is the most important part in a wind turbine?" there isn't really an answer because every part in a turbine is extremely important.



In case of an emergency

- An emergency doesn't occur very often but in case it does the wind farm workers need to be prepared so everyone that works around or with the wind turbines needs to know all the safety procedures. Too much wind can be counted as an emergency because if the wind speed reaches a certain speed they will shut the turbines down.



Wind farms in the ocean

- “Wind Farms in the ocean, that’s impossible.....” Actually it is quite common in places such as Europe. They load the parts onto a barge and take them out to the location. At the location there are platforms for the turbines. Once they are in they have to do a lot of protection for the wind turbines. There are even little huts on each platform for men to stay at overnight. The only reason they put these turbines at sea is because of the amount of wind.



Wind power is the way

