



Wind Power

Wind power - be blown away by renewable energy

The wind has been used for centuries to power mills and sailing ships. Wind power is once again in demand as a reliable and clean source of energy, and where better to exploit its benefits than in blustery Britain?

What are the benefits of wind power?

The installation of a small scale wind power system at your organisation's premises can bring substantial environmental, social and economic benefits:

- Generate your own electricity from the free, abundant and inexhaustible power of the wind
- Reduce CO₂ emissions making the UK a cleaner and greener place to live
- Reduce your fuel bills
- Protect yourself from future energy price increases
- Sell back surplus electricity generated to the National Grid
- A positive way of meeting your organisation's social responsibility
- Take the lead in bringing renewable energy to your community

And to address the most common misconceptions...

- Surveys show that those living within close proximity of a wind farm or wind turbine are actually very much in favour of wind power as an energy source
- Research has shown that the noise impact of wind turbines is minimal
- A small-scale wind turbine can lend dynamism and elegance to a building or landscape

How much does a wind turbine cost?

The cost of a wind turbine varies depending on the size of the system to be installed.

However, there are a number of grants available to help alleviate the cost impact, including:

- Clear Skies
- The Community Renewables Initiative
- Green Tariff Funds





How does wind power work?

Harnessing wind as a renewable energy source involves converting the power within a moving air mass (wind) into rotating shaft power. Modern wind turbines contain rotors fitted with aerodynamic blades, which utilise lift forces caused by the wind on the blades to turn the shaft. The shaft rotates inside a generator (located behind the rotor and blades), which generates electricity.

How do I get started?

Over the past year Creative Environmental Networks (CEN) has committed itself to developing the partnerships, systems and services that will help organisations access renewable energy. CEN offers the following:

- Impartial advice, information and energy audits
- Assistance with grant applications
- Assistance with the planning application process
- Access to discounted manufacturer and installation rates
- Management of large installer network and installation process
- Post installation audits for peace of mind
- Dissemination and local publicity

So what are you waiting for?

It won't cost you the earth. In fact, with numerous grants available, it may not even cost you a penny. Call the REAL project team at CEN today on 020 8683 6683 to find out how you can take part in the energy revolution.

Call 020 8683 6683 today!



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