

Benefits of Wind Energy



Fighting Global Warming

Wind energy produces no harmful emissions or waste products, ensuring protection of the environment for you, your children and their children. Each unit of electricity generated from the wind displaces one produced by a power station burning fossil fuel, with an associated saving of 860 grammes of CO₂ [1].

At present, grid-connected turbines in the UK are generating the equivalent energy to what is consumed by 322 000 homes, with greenhouse gas emissions being reduced by over 1.2 million tonnes. [1].

Diversification for Farmers and Industry

The British farming industry and the rural economy is in its worst crisis for many years. Leasing land for wind farms can provide an alternative income for farmers who are currently facing financial hardship.

With the climate change levy, tax that will be charged on consumption of energy by business. Large electricity users can use electricity from wind turbines to reduce the amount of tax paid.

Local Businesses Benefits

There would be significant local investment. Contracts will be placed locally during the construction wherever feasible.

Sustainable and Diverse Energy Supply

Wind energy is a local renewable energy that is clean, safe, reliable and secure.

The UK has 40% of the total European wind resource - a massive untapped potential, theoretically sufficient to meet the country's electricity needs 2 times over [1].

Green Electricity for local consumption

There is a growing demand for green electricity amongst domestic consumers. The electricity produced is fed directly into the distribution network and the majority is consumed locally.

Local Investment – Fenland Green Power Investments

An initiative set up by Wind Prospect to give local people an opportunity to invest in their local windcluster developments.

References:

[1] BWEA Website – www.britishwindenergy.co.uk, February 2002