

Gaia-Wind

Your Own Wind Turbine



Clean Energy from the Wind



- Climate change is ‘daily news’
- Gaia-Wind 11 kW; saves 17 tons CO₂ per yr
- Environment also:
 - Reflection free light grey blades
 - Low noise design (low speed of 56 rpm)



Small wind turbines

- Big turbine;
 - selling energy to the grid
- Small turbine, three streams of revenue
 - Offset own consumption
 - Sell back surplus to grid
 - Receive ROC's on all production

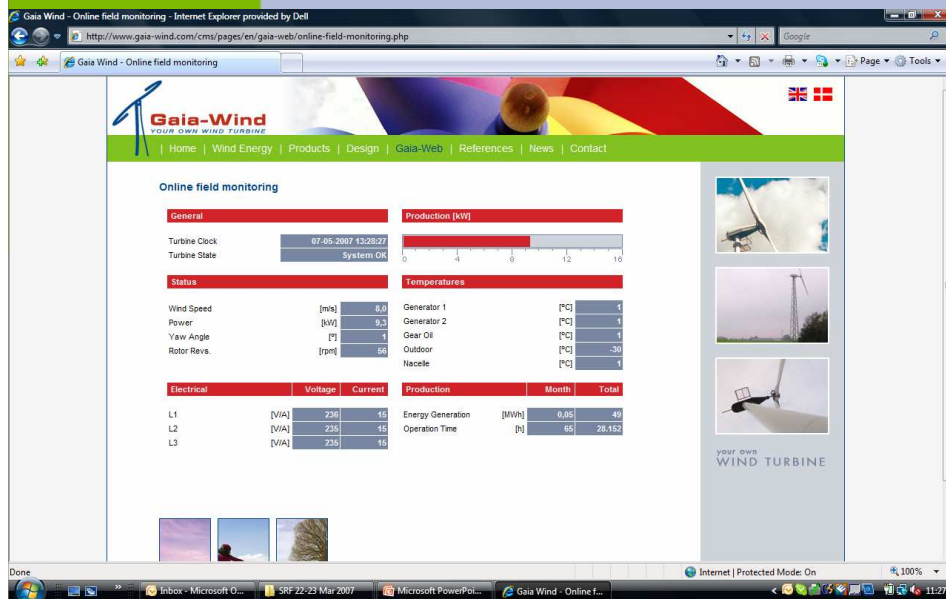


A small 'big turbine'

- Reliability of an established design
- Danish design;
 - 150 turbines, 1000 operational years
- Approval Danish HB standard



Innovative technology



- Three level system protection:
 - Blade stall (aerodynamic)
 - Computer controlled disk brake
 - Centrifugally activated tip brakes
- Online control and monitoring of turbine



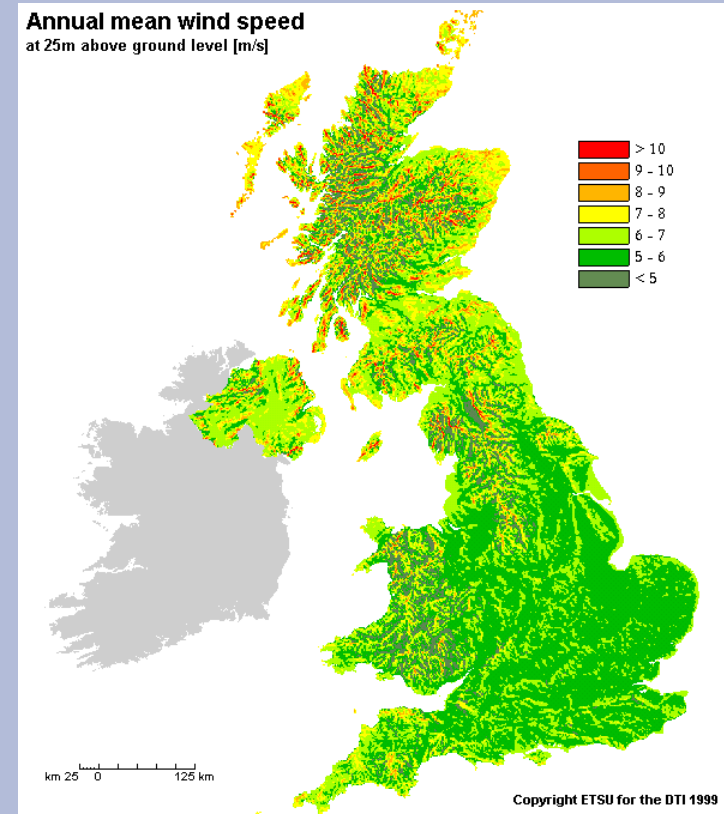
Turbine performance

'Enjoy a grey & windy day'



Output of a Gaia-Wind turbine

- Optimised for moderate wind speeds;
 - large rotor (swept area) & high tower are vital for good output
- Most of the mainland UK has moderate wind speeds
- Choose the turbine that suits your site



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Thanks for your attention

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