

GreenPark Wind Turbine - in planning

We have received planning permission to build a new wind park in Reading which will provide green electricity for over 1,063 local homes, which is around 2% of all households in Wokingham District.

A planning application to build an Enercon E66 2MW wind turbine at GreenPark, near junction 11 of the M4 motorway, was approved by Wokingham District Council in August 2004. The new development will generate 3.5 million units of new green electricity each year.



Project details

Site address: South Oak Way, GreenPark,
Reading

Status: Approved

Capacity: 2MW

Turbine dimensions

Rotor diameter: 70m

Length of blades: 33m

Hub height: 85m

Turbines: 1

Annual electricity output

Generation: 3.5 million units

Equivalent to: 1,063 homes

Blade rotation: 10–22rpm (depending on wind speed)

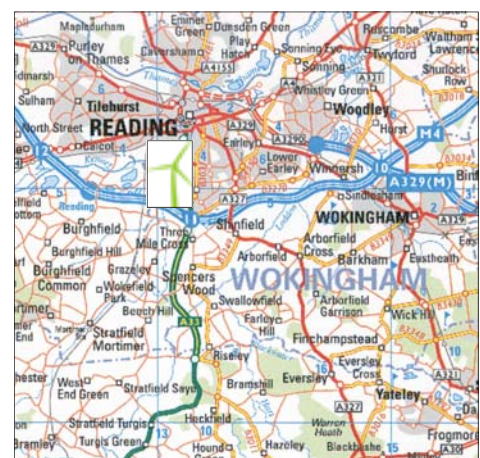
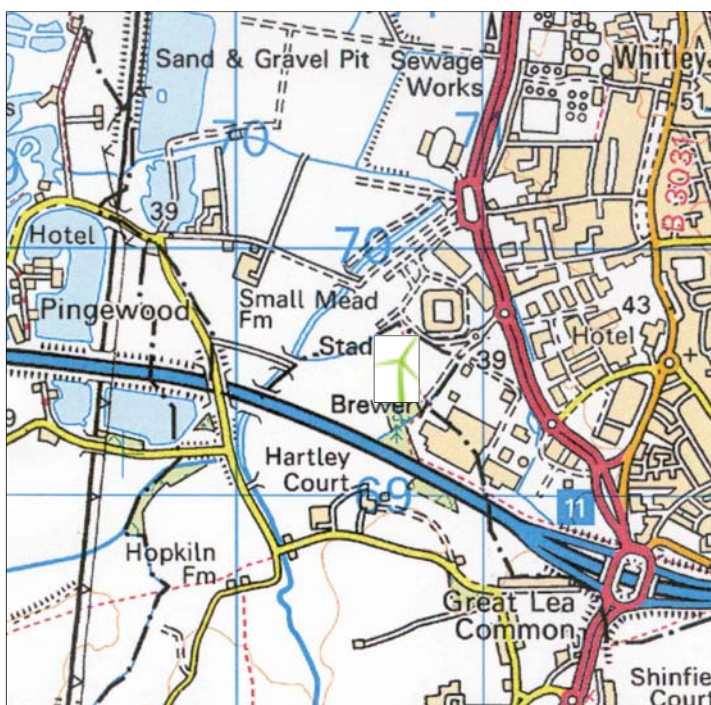
Annual emissions savings

Carbon dioxide (CO₂): 3,018 tonnes

Sulphur dioxide (SO₂): 35 tonnes

Nitrogen oxide (NO_x): 11 tonnes

* Rated capacity refers to the maximum amount of electricity that can be generated when the turbines are operating at optimum output.



Key [not to scale]

 = proposed wind turbine

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Visit www.ecotricity.co.uk to find out about our latest projects, new customers, information about generating green electricity, plus up to date environmental news.