

## Swaffham II, Norfolk

Construction of Swaffham's second wind turbine was completed on 18th July 2003 when it began generating power for over 1,200 local homes. Standing 85m high, it is the UK's tallest onshore wind turbine and was built at the request of local residents.

This is the second turbine to be sited at Swaffham. Combined with the first turbine, which we erected in 1999 at the Ecotech Centre, they will supply 75% of Swaffham's total home electricity requirements, boosting Norfolk's total wind power by 30%.

The launch of our national home supply electricity tariff means that people across East Anglia can now sign up to buy electricity directly from this wind park.



### Project details

**Site address:** Sporle Road, Swaffham, Norfolk  
**Built:** July 2003  
**Capacity:** 1.8MW

### Turbine dimensions

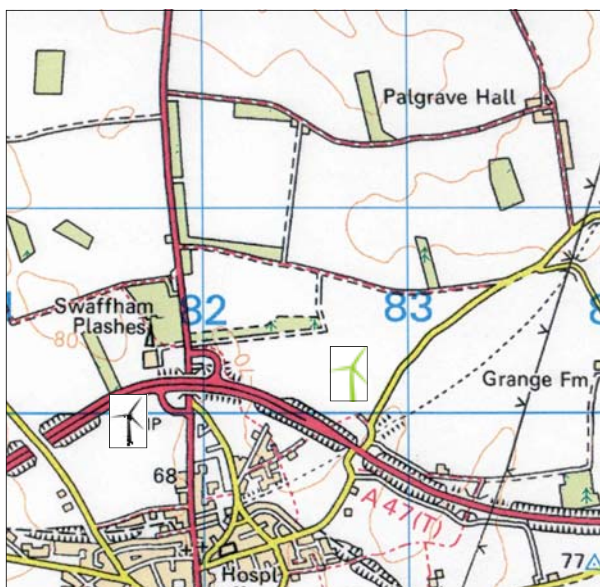
**Rotor diameter:** 70m  
**Length of blades:** 32m  
**Hub height:** 85m



### Annual electricity output

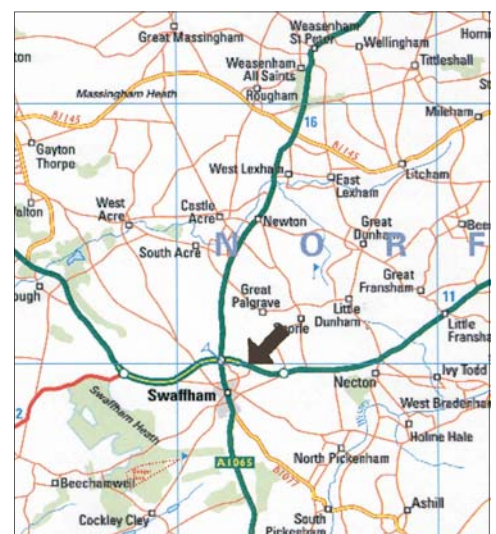
**Generation:** over 4 million units  
**Equivalent to:** 1,258 homes  
**Blade rotation:** 10 - 20rpm (depending on wind speed)

### Annual emissions savings

**Carbon dioxide (CO<sub>2</sub>):** 3,500 tonnes  
**Sulphur dioxide (SO<sub>2</sub>):** 40 tonnes  
**Nitrogen oxide (NO<sub>x</sub>):** 10 tonnes



Key (not to scale)  
 = Swaffham II  
 = Ecotech wind turbine



For more photos of the construction of the UK's tallest wind turbine please visit our website -

## Ecotricity - power for a change

We are dedicated to improving the environment by building new clean sources of electricity to replace conventional polluting sources that are causing climate change.

As founders of the UK's green electricity market place in 1996, we have a commitment to supplying an increasing proportion of our customers' electricity from new green electricity every year through our significant wind energy building programme. By joining us you are helping to create new clean, green sources of electricity now and for the future.

And it won't cost you more than conventional electricity from conventional electricity companies. So join us and we'll power your business or home with electricity that doesn't damage the environment.

### Business Supply

To power your business with Ecotricity telephone our Sales team on 01453 756111 or email [sales@ecotricity.co.uk](mailto:sales@ecotricity.co.uk) Some of the ethical and environmental organisations already powered by Ecotricity include The Body Shop, WWF-UK and the Co-operative Bank.



### Home Supply

To register for our new Home Supply service email us at [home@ecotricity.co.uk](mailto:home@ecotricity.co.uk), fill in the online form at [www.ecotricity.co.uk](http://www.ecotricity.co.uk) or freephone **08000 326 100**. Ecotricity Home Supply offers unique and significant environmental benefits.

**For further information please contact -**

**Marketing Department  
Ecotricity  
Axiom House  
Station Road  
Stroud  
Gloucestershire  
GL5 3AP**

**Tel:** 01453 756111

**Fax:** 01453 756222

**Email:** [marketing@ecotricity.co.uk](mailto:marketing@ecotricity.co.uk)

**Visit [www.ecotricity.co.uk](http://www.ecotricity.co.uk) to find out about our latest projects, new customers, information about generating green electricity, plus up to date environmental news.**