

# ecotricity

## **GreenPark Business Park, Reading**

Construction is now complete on the latest Ecotricity wind turbine being built at junction 11 of the M4 motorway. The project is the UK's most visible turbine, seen by as many as 60 million people a year transiting this busy junction of the M4.

The 85m turbine soars above the M4 motorway, as a truly impressive icon for a sustainable future. The wind power project, an innovative partnership between Ecotricity and Prudential Property Investment Managers Ltd (PruPIM), will generate 3.5 million units (kWh) of green electricity every year when it is switched on later this week.

Over 1,000 local homes and businesses will be able to get their supply from the appropriately named GreenPark turbine.



## **Project Details**

Site address: **South Oak Way, GreenPark, Reading**  
Installed: **November 2005**  
Turbines: **1**  
Capacity: **2MW**

## **Annual electricity output**

Generation: **3.5 million units each year**  
Equivalent to: **1,063 homes**  
Blade rotation: **6 – 22rpm (depending on wind speed)**

## **Turbine Dimensions:**

Hub height: **85m**  
Rotor diameter: **70m**  
Blade length: **33m**

## **Annual emissions savings**

Carbon dioxide (CO<sub>2</sub>): **3,018 tonnes**  
Sulphur dioxide (SO<sub>2</sub>): **35 tonnes**  
Nitrogen oxide (NO<sub>x</sub>): **11 tonnes**