

Energy

Warwick Wind Trials

Overview

Objective:

1. To provide independent and objective data on the performance of rooftop wind turbines on real sites in Warwickshire and the UK.
2. To evaluate the contribution rooftop-mounted wind turbines may make to improving the energy performance of existing homes in the UK

Main Partners: **Funders - Encraft.** The Pilkington Energy Efficiency Trust, Warwick District Council, The Building Research Establishment Trust and participating homeowners.

Supporters - It is supported by the DTI, BWEA, Warwickshire County Council, Action 21 and the Micropower Council.

Audience: Householders in Warwick, Warwickshire and the UK; manufacturers and installers of domestic scale wind installations; various research organisations.

Rationale: As domestic rooftop wind turbines are a recent phenomenon, their performance in urban areas and public acceptance of them has yet to be determined. The project will explore how easy it is to get systems installed on houses and what the barriers and real costs are.

Web Link: <http://www.warwickwindtrials.org.uk/index.html>

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The original aim of the project was to monitor 10 rooftop wind installations on a variety of urban and rural sites over 12 months, starting in early 2007. A public opinion survey was carried out before the project started and another will be carried out after the project to establish whether the installations have any impact on attitudes to energy efficiency and climate change.



Performance data is being collected and published on the web site. The project is now in its second year and a third turbine was installed at Princes Drive Recycle warehouse on May 8 2007. This project has now gone well beyond its limited original aims and has been extended to July 2008.. Without planning to be, it has turned into a high profile national resource and the website is receiving well over 1,000 hits monthly.