

## Site 21 – Antrobus Road



This turbine is mounted at the rear of a terraced property in Birmingham.

<b>NOABL wind speed estimate</b>	5ms <sup>-1</sup> at 10m
<b>Planning permission</b>	
<b>Turbine installation</b>	
<b>Full data available from</b>	30 <sup>th</sup> November 2007
<b>Mounting type</b>	Pole at edge of pitched roof
<b>Turbine</b>	Windsave WS1000
<b>Inverter</b>	
<b>Anemometer</b>	NRG #40 calibrated
<b>Data logger</b>	Pace Scientific XR5
<b>Watt meter</b>	Iskraemeco ME162

## Warwick Wind Trials

<b>Time Interval</b>	<b>Measured Average Wind Speed (ms<sup>-1</sup>)</b>	<b>Total Energy Exported (kWh)</b>	<b>Average Energy Exported per Day (Wh)</b>
30 <sup>th</sup> November 2007 to 23 <sup>rd</sup> May 2008	1.80	0	0
December 2007	1.91	0	0
January 2008	2.02	0	0
February 2008	1.64	0	0
March 2008	2.32	0	0
April 2008	1.66	0	0
May 2008	1.08	0	0

The turbine is switched off at the moment. Wind speed data is missing from 18<sup>th</sup> January to 14<sup>th</sup> February 2008 due to a loose battery wire on the data logger.