

## Site 24 – Northamptonshire



This turbine is mounted on a Local Authority building in Northamptonshire.

<b>NOABL wind speed estimate</b>	4.6ms <sup>-1</sup> at 10m
<b>Planning permission</b>	
<b>Turbine installation</b>	
<b>Full data available from</b>	28 <sup>th</sup> November 2007
<b>Mounting type</b>	Pole mounted 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>
28 <sup>th</sup> November 2007 to 14 <sup>th</sup> October 2008	3.21	n/a	n/a
December 2007	3.36	0	0
January 2008	4.44	10.35	334
February 2008	2.97	n/a	n/a
March 2008	4.10	n/a	n/a
April 2008	2.94	n/a	n/a
May 2008	2.60	n/a	n/a
June 2008	2.55	n/a	n/a
July 2008	2.72	n/a	n/a
August 2008	2.99	n/a	n/a
September 2008	2.29	n/a	n/a

This turbine was switched off intermittently during December 2007 and January 2008. Since then energy data has not been collected due to a problem with the wattmeter. The turbine is currently switched on.