

Site 6 – Leicester



This turbine is at a residential urban site in Leicestershire. The turbine is mounted on a free standing pole that is positioned close to the house as seen in the photo.

NOABL wind speed estimate	4.7ms ⁻¹ at 10m
Planning permission	
Turbine installation	
Full data available from	1 st November 2007
Mounting type	Pole at gable end
Turbine	Zephyr Air Dolphin
Inverter	Windy Boy LG1100
Anemometer	Schiltknecht Meteo, Type: f.555.1.18
Data logger	Novus LogBox DA
Watt meter	Iskraemeco ME162

Warwick Wind Trials

Time Interval	Measured Average Wind Speed (ms⁻¹)	Total Energy Exported (kWh)	Average Energy Exported per Day (Wh)
1 st November 2007 to 16 th October 2008	2.18	63.75	182
November 2007	1.66	2.10	70
December 2007	2.36	5.08	164
January 2008	3.24	15.57	502
February 2008	2.29	8.38	289
March 2008	2.87	9.71	313
April 2008	2.06	3.80	127
May 2008	2.07	3.18	102
June 2008	1.77	3.02	101
July 2008	1.81	2.39	77
August 2008	2.20	3.25	105
September 2008	1.69	3.86	129