

Site 23 – Park Farm



Park Farm is in Bracknell. There are two wind turbines in the picture. The trial is monitoring the turbine towards the back mounted on the telegraph pole which is tied to the building. The anemometer is mounted on the boom nearest the camera.

This is a semi rural site surrounded by dense urban areas.

NOABL wind speed estimate	4.7ms ⁻¹ at 10m
Planning permission	
Turbine installation	
Full data available from	29 th November 2007
Mounting type	Pole at edge of pitched roof
Turbine	Ampair 600 230
Inverter	Windy Boy WB700
Anemometer	NRG #40 calibrated
Data logger	Pace Scientific XR5
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)
29 th November 2007 to 16 th October 2008	2.83	178.62	555
December 2007	3.22	28.40	916
January 2008	3.22	5.50	177
February 2008	2.75	18.91	652
March 2008	3.80	29.56	955
April 2008	2.70	14.38	479
May 2008	2.01	10.06	325
June 2008	2.49	11.00	367
July 2008	2.63	8.24	266
August 2008	2.78	10.21	329
September 2008	1.97	6.46	215