

Site 26 – West Staddon Farm



West Staddon Farm is a farm house located in north Devon close to the coast. The NOABL wind speeds prediction is good for this site. This is the latest Windsave mounting system with a mass damper attached to the pole to reduce vibrations.

Being installed in a fairly remote location there have been issues with the quality of supply of electricity and therefore the grid connect inverter has shut down for long periods of time.

NOABL wind speed estimate	6.3 ms ⁻¹ at 10m
Planning permission	
Turbine installation	November 2006
Full data available from	April 2008
Mounting type	Gable End Mount
Turbine	Windsave 1200
Inverter	Windsave Plug and Save
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)
16 th April to 16 th October 2008	3.25	68.41	378
May 2008	2.87	3.42	110
June 2008	2.85	9.18	306
July 2008	3.34	15.11	487
August 2008	3.37	15.86	512
September 2008	2.74	10.43	348

This turbine was switched off until 17th May 2008.