

Site 17 – Anglesey



Tremarfor is a small holding located on the island of Anglesey. The wind turbine installed is a Fortis' Montana that has a rotor diameter of 5 meters. Its rated output is 5800W at 17ms^{-1} and 2700W at 10ms^{-1} .

Panning permissions was initially refused by the local planning department but the owner appealed to the Welsh Office who then granted permission to support renewable energy in Wales.

There are three commercial wind farms located on Anglesey and one nuclear power station.

NOABL wind speed estimate	7.2ms^{-1} at 10m
Planning permission	1 st November 2006
Turbine installation	7 th July 2007
Full data available from	29 th July 2008
Mounting type	13 meter freestanding pole
Turbine	Fortis Montana
Inverter	2 x Windy Boy WB2500
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)