

Ampair  
 Park Farm  
 West End Lane  
 Warfield  
 Berkshire  
 RG42 5RH  
 UK

t +44 (0)1344 303 311  
 t +44 (0)1344 303 313  
 t +44 (0)845 389 0660  
 f +44 (0)1344 303 312  
 e. sales@ampair.com  
 w. www.ampair.com



**Case study name** Ampair 600 at Misty View Farm



**Commentary** Misty View Farm is the Ampair test site in western Cornwall. The very exposed location receives salt laden sea winds from the Atlantic which means that the quality of the marine grade construction can be tested. This site was used as the reference site for the Warwick wind Trials because it most closely approximates the assumptions in the NOABL database.

<b>Country</b>	UK	<b>Date of installation</b>	March 2007
<b>Owner details</b>	Ampair	<b>Installed location</b>	Higher Boswin, Porkellis Helston, Cornwall, TR13 0LG
<b>Use</b>	Scientific	<b>Total installed cost;</b>	£2,955
<b>Manufacturer</b>	Ampair	<b>Turbine type</b>	Ampair 600-230
<b>Site windspeed (average annual)</b>	6.3 m/s estimated per NOABL	<b>Annual energy production</b>	440 kWh
<b>Rated power of turbine</b>	5.8 m/s actual measured	<b>Windspeed at which rated</b>	11.0 m/s
<b>Installer</b>	600 W	<b>Installer contact details</b>	Ampair
<b>Mounting</b>	Ampair	<b>Output</b>	Grid connection (230V, 50Hz)
	Mast mounted (5m)		