

Gaia 133 Installations



After 10 years of reliable performance in Europe, the Gaia 133 is now generating energy at a number of sites in England. This map shows some basic data for five turbines in England and it's already clear that the Gaia 133's excellent low wind-speed performance is producing impressive outputs on sites where its competitors would be struggling.

* Factored Annual Energy Output

For the recent installations, this figure is based on a simple multiplication of the recorded monthly output to date. This means the estimates are conservative, as the higher wind speeds in autumn and winter have not been taken in to account.

Wigton, Cumbria (inst 03/10)

NOABL Wind Speed: 5.3m/s

Carbon Trust Wind Speed: 4.3m/s

Energy Output in 1 Month: 2.4 MWh

Factored Annual Output: 28.8 MWh

2 x turbines at Filey, North Yorkshire (inst 01/10)

NOABL Wind Speed: 6.2m/s

Carbon Trust Wind Speed: 6.8m/s

Energy Output in 2.5 Months: 7.5 MWh EACH

Factored Annual Output: 36 MWh EACH

Bridlington, East Yorkshire (inst 02/10)

NOABL Wind Speed: 6.5m/s

Carbon Trust Wind Speed: 6.8m/s

Energy Output in 2.5 Months: 8.2 MWh

Factored Annual Output: 39.3 MWh

Melton Mowbray (inst. 08/08)

NOABL Wind Speed: 5.3m/s

Carbon Trust Wind Speed: 4.8m/s

Actual 12 Month Output: 26.3 MWh

Delabole, Cornwall (inst. 10/09)

NOABL Wind Speed: 5.6m/s

Carbon Trust Speed: 4.9m/s

Energy Output in 6 Months: 15 MWh

Factored Annual Output: 30.00 MWh*

Predicted Annual Output: 30.05 MWh

