

Site 28 – Huddersfield University



These turbines are mounted on top of the new music block at Huddersfield University. There are a total of six turbines installed on top of this building. The block is a three story building and all six turbines are mounted at about 25m above ground level.

The anemometer is installed at hub height 3 meters to the left of the turbine.

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|----------------------------------|--------------------------------------|
| NOABL wind speed estimate | 4.6ms ⁻¹ at 25m |
| Planning permission | |
| Turbine installation | April 2008 |
| Full data available from | 1 st June 2008 |
| Mounting type | Lift Shaft Roof, Hilti system |
| Turbine | StealthGen D400 |
| Inverter | Soladin 600 |
| 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) |
|--|--|------------------------------------|---|
| 1 st July to 7 th September 2008 | 2.20 | 0 | 0 |
| July 2008 | 2.28 | 0 | 0 |
| August 2008 | 1.72 | 0 | 0 |

This turbine was switched off from 1st July to 7th September 2008.