

Windfarm Crussow



Location	Neukünkendorf, and Crussow Brandenburg, north-east of Berlin in a Wind Energy priority area
Wind conditions	6.6 m/s at 100 m (according to wind report)
Wind energy converter	8 x VESTAS V80, 2.0 MW 80 m rotor diameter 100 m height at hub
Power rating	16 MW total installed power
Investment	Euro 20 000 000
Services by win:pro	Contribution of Site development Planning & project development General management Technical management



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Power generation

4 225 000 kWh per annum per converter
 33 800 000 kWh per annum for wind farm
 (Equivalent of the annual power requirements of
 12 000 four-person households)

Special features

Minimum landscape impairment, with:

- Night markings only on five out of eight wind energy converters
- Day markings on rotor blades with white light instead of garish colours

Compensation measures

Planting a 5-row, 1 km hedge,
 Village greening in Wilhelmsfelde
 Restoration of a wetland biotope (breeding site for cranes)

Timetable

04/2001 Preliminary approval of project
 12/2001 Network connection approved
 03/2002 Planning approval granted (BlmSchG)
 04/2002 Start of construction work on site
 06/2002 Installation of wind energy converter
 06/2002 Commissioned

