



maxcap 160

Base-load optimised Wind Turbine Licensing for Local Markets

2014

EFRE.NRW
Investitionen in Wachstum
und Beschäftigung



EUROPÄISCHE UNION
Investition in unsere Zukunft
Europäischer Fonds
für regionale Entwicklung

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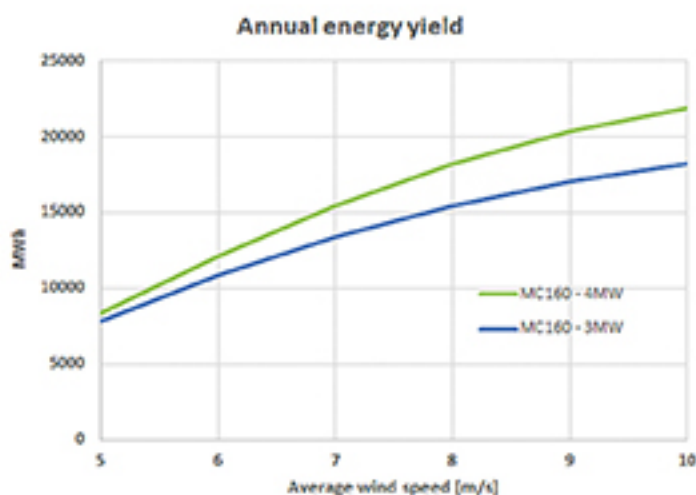
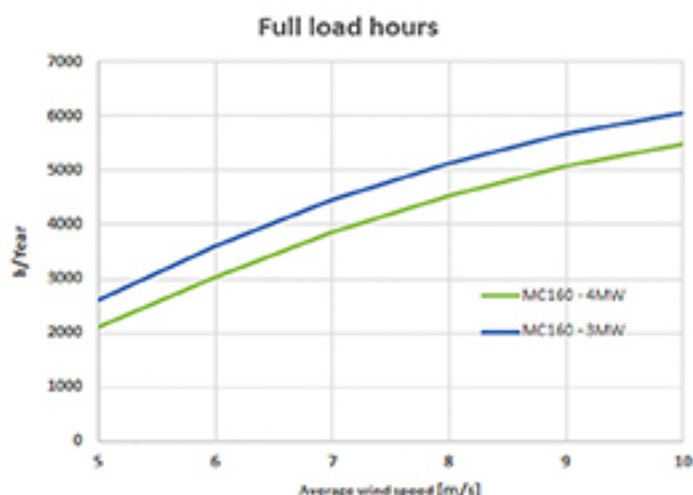
www.windwise.eu

maxcap 160 Base-load optimised Wind Turbine Generator

maxcap | Technical data

Rotor diameter	160m		
Tubular steel tower	120m-140m	*project specific hub heights possible	120m
Nominal power	3 MW		4 MW
Lifetime	project specific calculation		
Average wind speed	IEC TC S up to 7,5m/s		IEC TC S up to 9,5m/s
Climate conditions	-20°C to 35°C ^{*optional} -30°C to 45°C		

Capacity factor > 40% in TC IV
Capacity factor > 50% in TC III - II per IEC 61400



maxcap | is optimised for

- ✔ low cost of energy (LCoE)
- ✔ self-supply / behind the meter
- ✔ combination with battery storage
- ✔ combination of the WTG with an electrolyser - for hydrogen production
- ✔ desalination / drinking water treatment