

EWT DW54-X

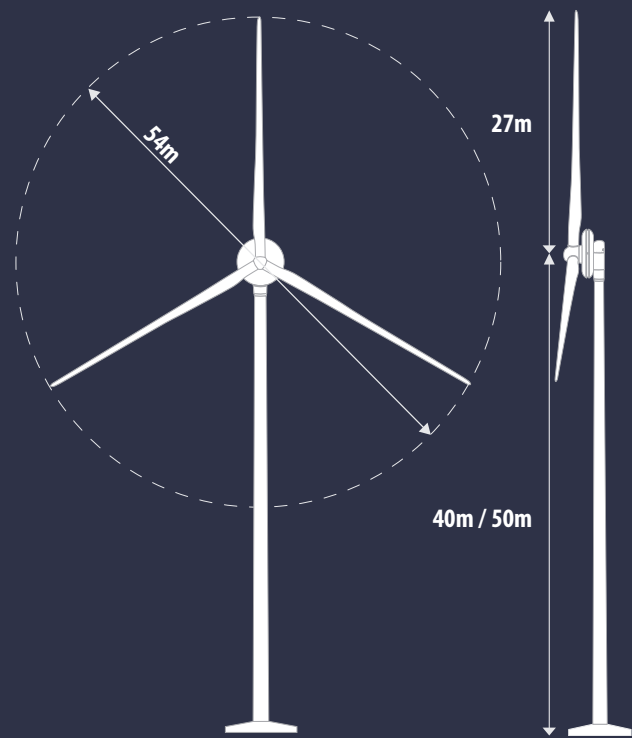
EWT's DW54-X direct drive wind turbine has been designed for sites with high wind speeds, performing to the highest standards in areas with a wind resource of between 8.5 and 10 metres per second average at hub height.

Power curve

The power curve is valid for standard atmospheric conditions whereby a temperature of 15 °C and an air density of 1.225 kg/ m³ are considered, together with a vertical wind shear exponent of 1/7. The data is applicable for a non-complex site with no flow inclination and clean blades.

Annual electricity generation / power output

The annual electricity production for different annual mean wind speeds at hub height is calculated assuming a Weibull wind speed distribution with a shape factor (k) of 2.0. Transformer and other losses are not taken into account.

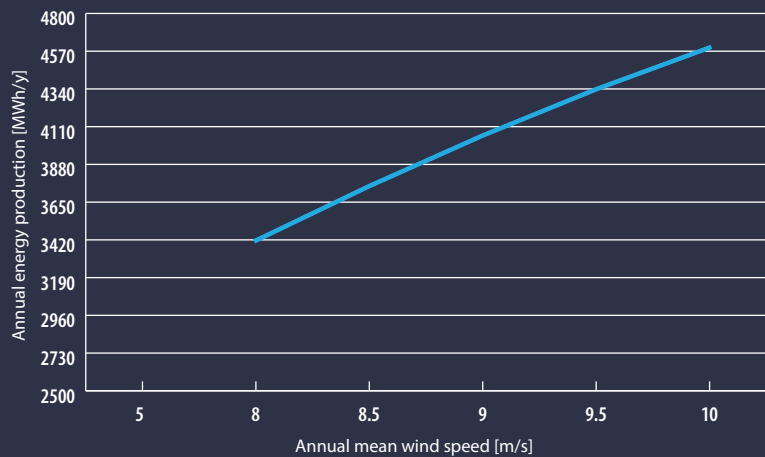
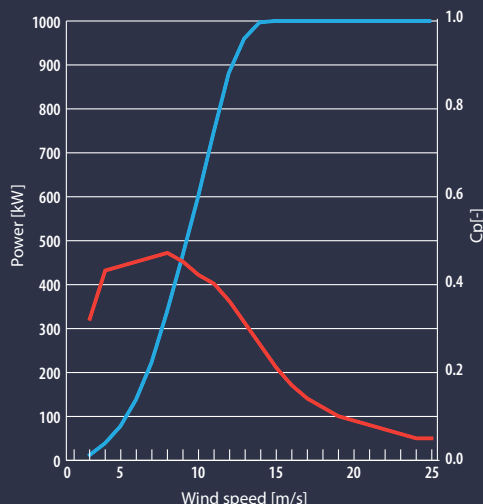


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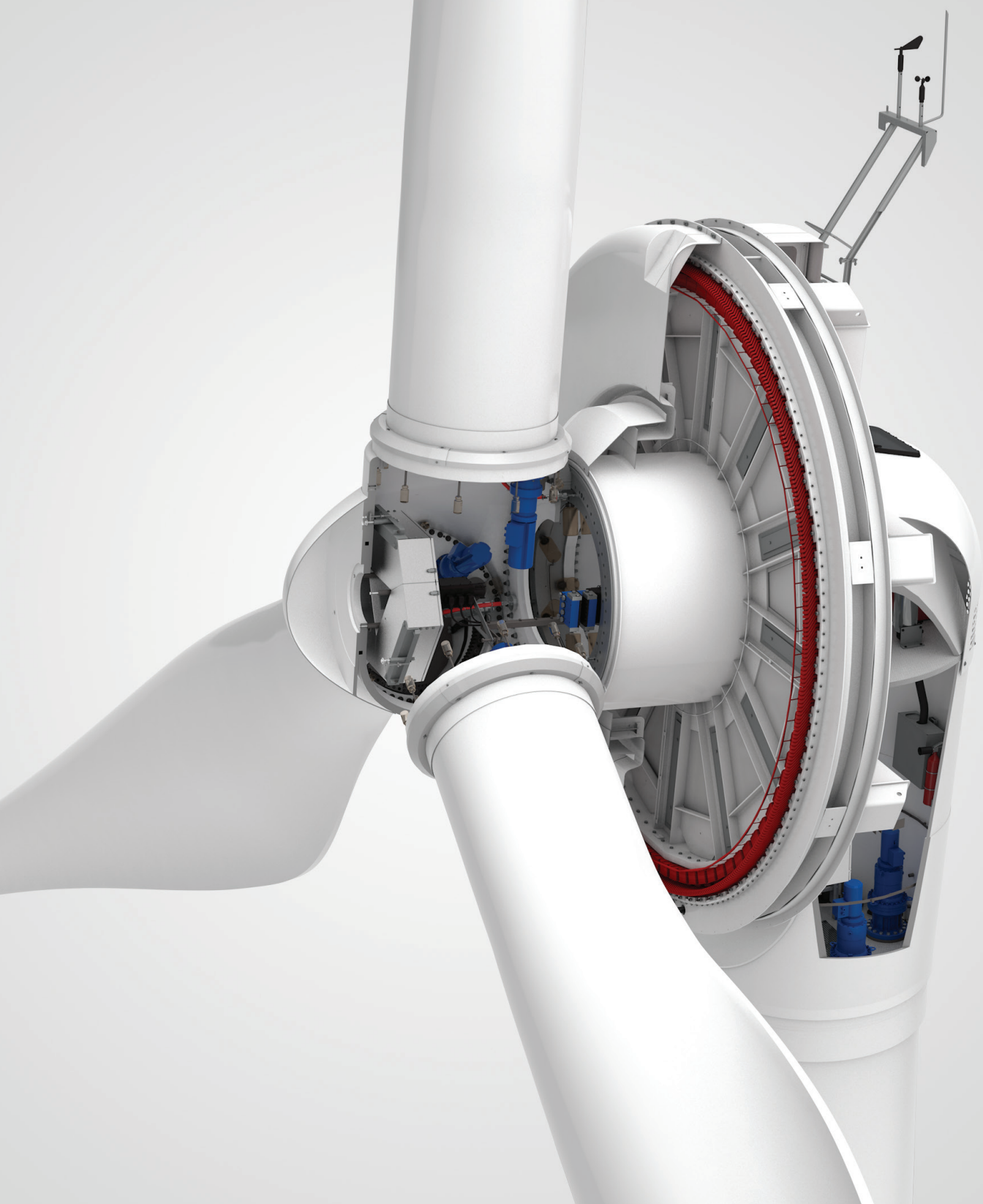
ROTOR DIAMETER	IEC WIND CLASS	CUT-IN WIND SPEED	CUT-OUT WIND SPEED
54m	IA	3 m/s*	25 m/s

*All wind speeds mentioned are based on 10 minute averages

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*Further details on the above power curve and power output graphs are available on request



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More information

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