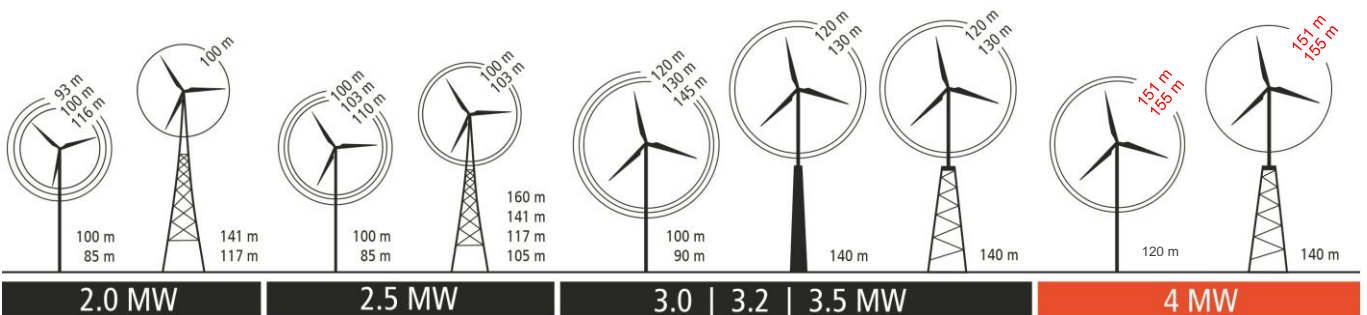
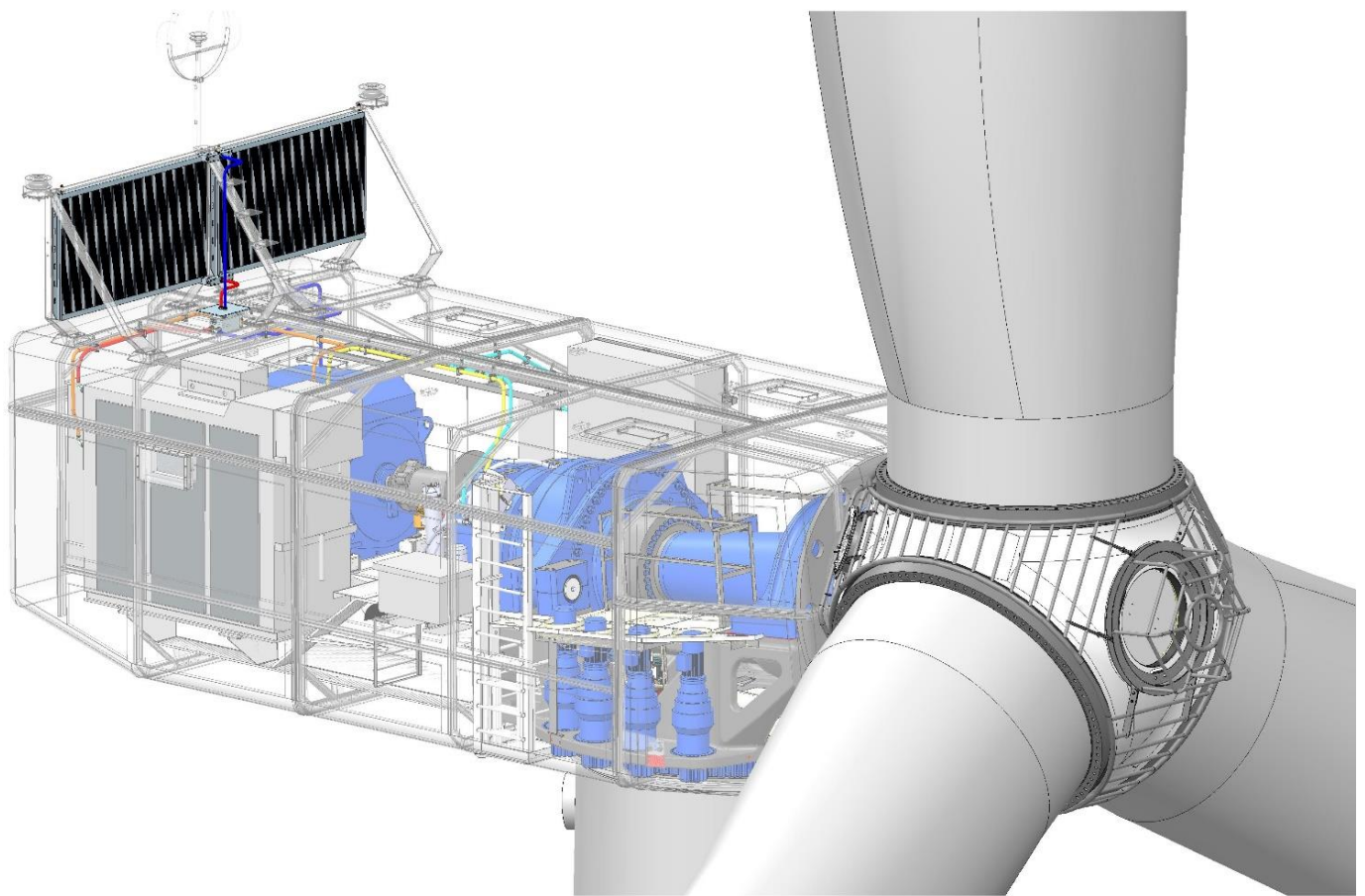


Rated power: 5.2 MW  
 Rotor diameter: 165 m  
 Wind class: IEC 3a / 2b



**TECHNOLOGY ON DEMAND**



## TECHNICAL DATA

Rated power	5.2 MW (higher power ratings site-specific)
Rotor	165 m
Wind class	IEC 3a / 2b
Cut-in wind speed	3 m/s
Rated wind speed	12 m/s
Cut-out wind speed	20 m/s
Sound power	Subject to selected power rating
Hub height	Up to 140m
Drive train concept	3-point suspension
Electrical configuration	DFIG or SCIG / IGBT converter
Power control - LARUS Smart®	Triple independent pitch system
Safety System - LARUS Safe®	Matrix safety system acc. to GL guideline, ed. 2010

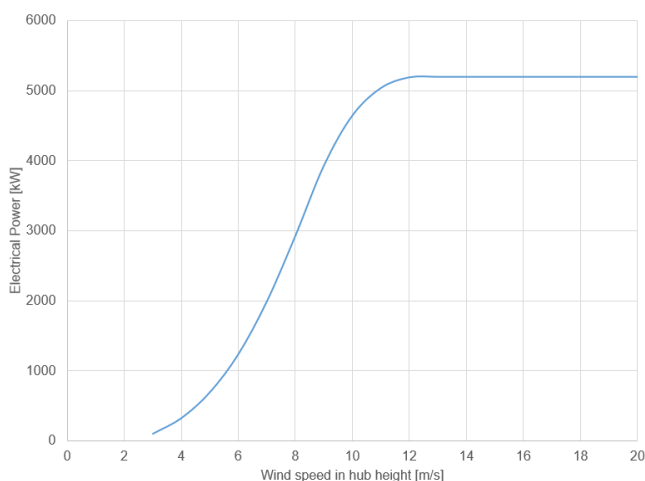
## POWER CURVES\*

V <sub>WIND</sub> [m/s]	Power [kW]
3	97
4	321
5	691
6	1237
7	1992
8	2930
9	3934
10	4649
11	5041
12	5193
13	5200
14	5200
15	5200
20	5200

## ANNUAL YIELD\*

V <sub>WIND</sub> [m/s]	Yield [MWh]
5.0	10129
5.5	12523
6.0	14890
6.5	17159
7.0	19276
7.5	21202
8.0	22910
8.5	24380

\* Standard conditions and calculations acc. to IEC 61400-12



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