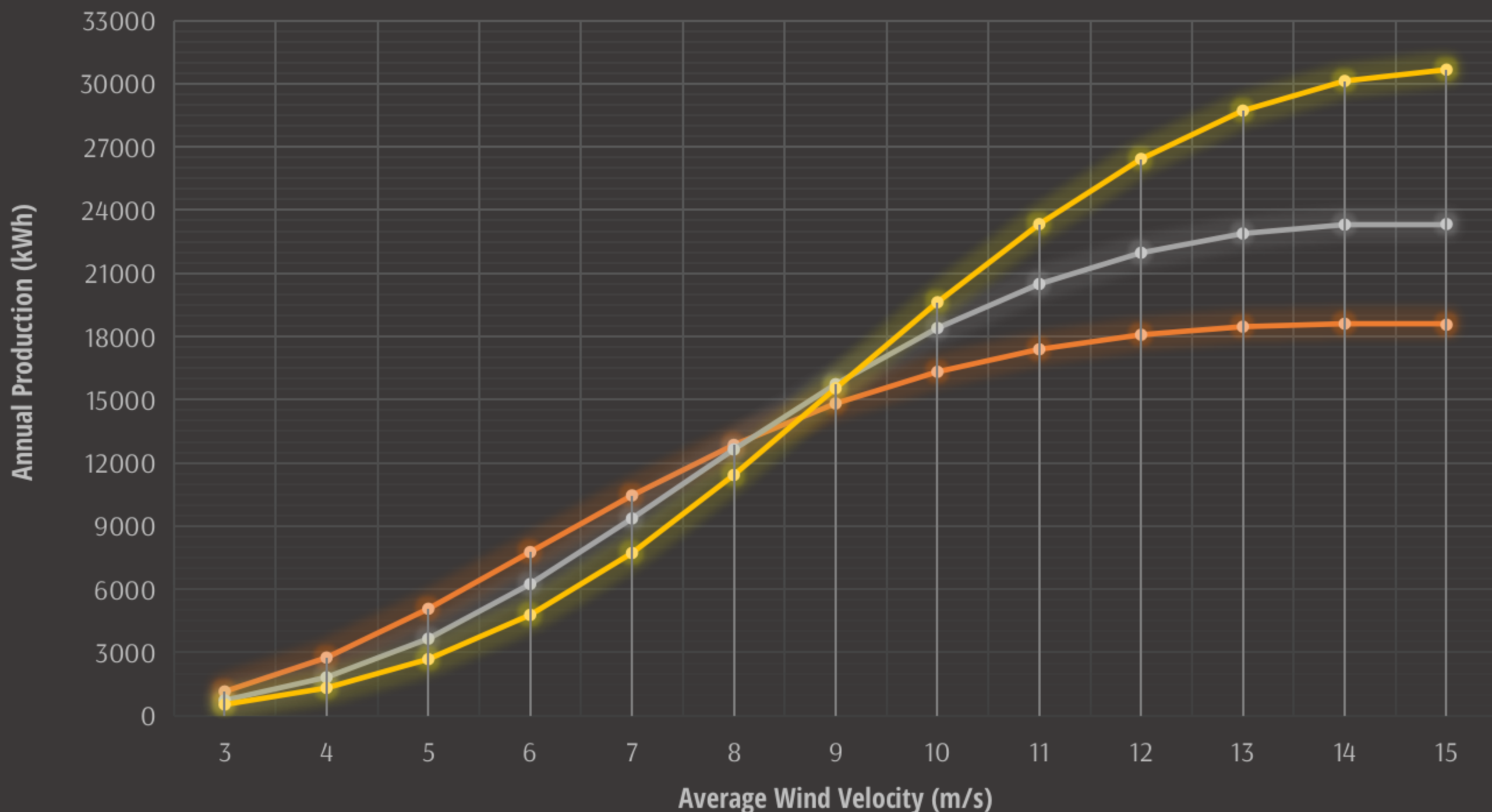


VETAR 4

—●— Weibull k=1.5 —●— Weibull k=2.0 —●— Weibull k=3.0



VETAR 4	Wind distribution pattern		
	Rated 2.5kW at: 11m/s Max power 5kW at: 14 m/s	■ Weibull k=1.5	■ Weibull k=2.0
Average Wind Velocity (m/s)	Annual Power (kWh)	Annual Power (kWh)	Annual Power (kWh)
3	1149	732	530
4	2756	1822	1318
5	5075	3656	2685
6	7767	6248	4783
7	10454	9361	7721
8	12853	12638	11423
9	14821	15736	15540
10	16323	18400	19625
11	17391	20491	23333
12	18082	21973	26426
13	18465	22885	28720
14	18605	23307	30128
15	18557	23334	30663

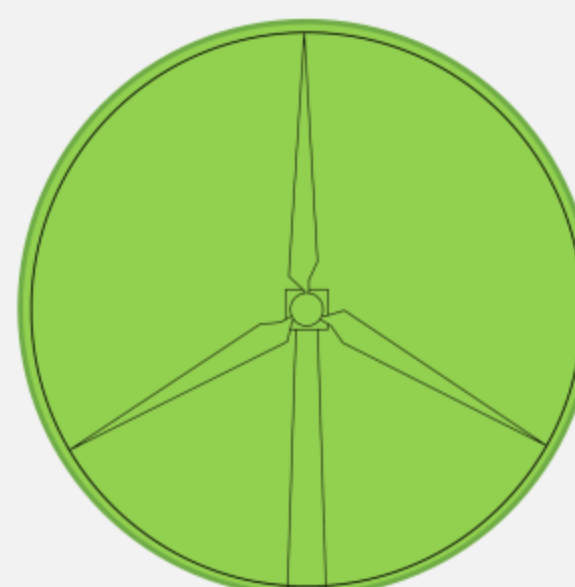
VETAR 4

ROTOR Diameter = 1.43 m
 SWEPT Area = 1.61 m²
 TURBINE Diameter = 2.10 m



Correspondent HAWT

ROTOR Diameter = 3.79 m
 SWEPT Area = 11.27 m²
 TURBINE Diameter = 3.79 m



NO VIBRATIONS, SILENT, SAFE

VIBRATIONS, NOISY, NOT SAFE