

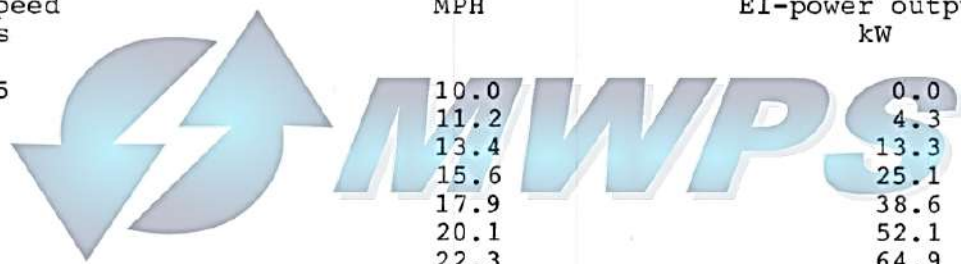
POWERCURVE FOR VESTAS V20-100 kW

Powercurve calculated on basis of measurements on Vestas V20-100 kW.

Parameters for calculated curve:

Rotordiameter	:	20	m
Rotorspeed (synchronous)	:	45.5	rpm
Tippitch	:	0	dg.
Airdensity	:	1.23	kg/m <sup>3</sup>

Windspeed m/s	MPH	El-power output kW
4.5	10.0	0.0
5	11.2	4.3
6	13.4	13.3
7	15.6	25.1
8	17.9	38.6
9	20.1	52.1
10	22.3	64.9
11	24.6	75.7
12	26.8	84.2
13	29.0	91.3
14	31.2	97.4
15	33.5	102.1
16	35.7	105.3
17	37.9	107.6
18	40.2	108.8
19	42.4	109.3
20	44.6	109.1
21	46.9	108.1
22	49.1	106.7
23	51.3	104.9
24	53.6	103.3
25	55.8	101.5



**Power-curve V20 (calculated)**

Pitch 0 dg. 45.5 rpm Air 1.23 kg/m<sup>3</sup>

