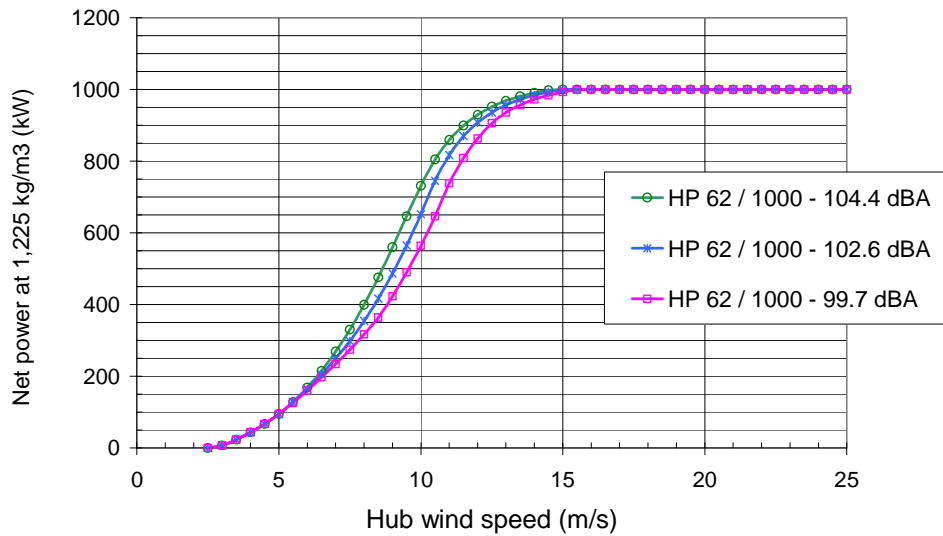




GEV HP - power curves



Hub height wind speed (m/s)	WTG output power (kW) at 1,225 kg/m ³ air density		
	62-1000- 104.4 dB(A)	62-1000- 102.6 dB(A)	62-1000- 99.7 dB(A)
2,5	0	0	0
3,0	7	7	7
3,5	23	23	23
4,0	43	43	43
4,5	67	67	67
5,0	95	95	95
5,5	128	128	126
6,0	168	165	160
6,5	215	205	197
7,0	269	250	234
7,5	330	298	274
8,0	399	354	317
8,5	476	417	364
9,0	560	487	423
9,5	646	565	489
10,0	731	652	564
10,5	804	745	646
11,0	859	817	738
11,5	899	870	808
12,0	929	908	863
12,5	952	936	906
13,0	969	957	936
13,5	981	972	957
14,0	990	984	972
14,5	997	992	984
15,0	1000	999	992
15,5	1000	1000	999
16,0	1000	1000	1000
16,5	1000	1000	1000
17,0	1000	1000	1000
17,5	1000	1000	1000
18,0	1000	1000	1000
18,5	1000	1000	1000
19,0	1000	1000	1000
19,5	1000	1000	1000
20,0	1000	1000	1000
20,5	1000	1000	1000
21,0	1000	1000	1000
21,5	1000	1000	1000
22,0	1000	1000	1000
22,5	1000	1000	1000
23,0	1000	1000	1000
23,5	1000	1000	1000
24,0	1000	1000	1000
24,5	1000	1000	1000
25,0	1000	1000	1000

source SPM157h, 14/05/2008

Power curve is adjustable depending on required sound level. Reduced sound level (down to 99.7 dB(A)) leads to slightly reduced output power at critical wind speeds.

Date	Status	Release	Author	Checker	Approved by	Page
30/05/2008	Update	3	PVE	JMF	PPE	1/1