



CLASSES OF WIND POWER DENSITY

WIND POWER CLASS	10m (33 ft)		50m (164 ft)	
	WIND POWER W/m ²	SPEED m/s mph	WIND POWER W/m ²	SPEED m/s mph
1	0	0 - 0	0	0 - 0
2	100	4.4 - 9.8	200	5.8 - 12.5
3	150	5.1 - 11.5	300	6.4 - 14.3
4	200	5.6 - 12.5	400	7.0 - 15.7
5	250	6.0 - 13.4	500	7.5 - 16.6
6	300	6.4 - 14.3	600	8.0 - 17.9
7	400	7.0 - 15.7	800	8.8 - 19.7
	1000	9.4 - 21.1	2000	11.9 - 26.4

RIDGE CREST ESTIMATES (LOCAL RELIEF > 1000 FT)

