

# Sheet1

	$k \cdot C_p^{1/2} \cdot \rho \cdot A \cdot V^3$		
POWER GENERATED[kWh/an]	12635,55	16952,37	14950,58
	minimum Cp	maximum Cp	Average
k[const]	0,000133		
Cp[ Maximum power coefficient 0-25-0,45]	0,25	0,45	0,35
air density[kg/cu. M]	0,691927		[lb/ft <sup>3</sup> ]
Rotor swept area[ft2]	1271,33	1271,33	
Wind speed[mph]	60		

diameter of rotor

0.043075293803184