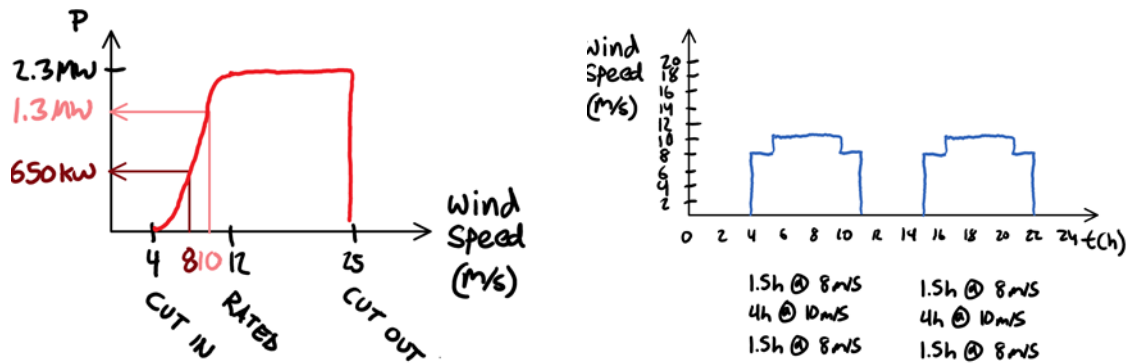


Capacity Factor Examples (12:39)

Calculate the annual energy output of a 70MW turbine operating at a 45% capacity factor.

Calculate the capacity factor of a 50kW generator known to produce 292MWh of energy in one year.

Given this power curve and plot of wind speed as a function of time determine the daily energy output and capacity factor.



Given a turbine that produces 14.3MWh of energy every day calculate the capacity factor and annual energy output if it experiences 15 days of lost production in the course of 1 year.