

5. In a hydroelectric power station water flows from a reservoir through turbines at a rate of 4.5×10^6 kg per minute.

The reservoir is 150 m above the turbines.

The total power delivered by the water in falling from the reservoir to the turbines is

- A 3.0×10^4 W
- B 7.5×10^4 W
- C 1.1×10^8 W
- D 6.6×10^9 W
- E 4.0×10^{12} W.