

26 A sinusoidal a.c. voltage has a peak value of V_0 and a period T .

During which fraction of a cycle of this a.c. voltage can its magnitude change by $2V_0$?

A $\frac{T}{4}$

B $\frac{T}{2}$

C T

D $2T$

27 Electrical power is transmitted from a power station to a sub station by two overhead cables each